

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25

ADVISORY
COUNCIL ON
RADIATION PROTECTION

**CERTIFIED
TRANSCRIPT**

Bureau of Radiation Control
Hampton Inn & Suites
Tampa Airport Avion Park Westshore
Tampa, Florida 33607

Thursday, December 2, 2021
10:01 a.m. - 2:41 p.m

Reported by
Rita G. Meyer, RDR, CRR, CRC
Realtme Reporter and Notary Public
State of Florida at Large



1 ADVISORY COUNCIL MEMBERS PRESENT:

2 Randy Schenkman, M.D., Retired (Chairman)
3 Mark S. Seddon, M.P., DABR, DABMP (Vice-Chairman)
4 Rebecca McFadden, RT(R)
5 Nicholas Plaxton, M.D.
6 Adam Weaver, MS, CHP
7 Mark Wroblewski
8 Chantel Corbett, AS, CNMT, RT (N), RSO
9 George Gilbride, R.R.A, R.T.(R) (CT) (ARRT)
10 William "Bill" Atherton, DC, DACBR, CCSP
11 Joseph Danek, CHP

7

8 FLORIDA DEPARTMENT OF HEALTH STAFF

9 Cynthia Becker, Bureau of Radiation Control
10 James Futch, Bureau of Radiation Control
11 Clark Eldredge, Bureau of Radiation Control
12 Douglass Cooke, Bureau of Radiation Control
13 Giovanna Manning, Bureau of Radiation Control
14 John Williamson, Bureau of Radiation Control

12

13 SkinCure Oncology Presenters:

14 Dr. Lio Yu, Radiation Oncologist
15 Steven Scott, Chief Operating Officer
16 Joshua Swindle, Director of Practice Operations

16

17

18

19

20

21

22

23

24

25

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25

AGENDA

MORNING SESSION

PAGE

Welcome and Introductions4

Approval of Minutes6

Bureau Updates 10

Retirement Presentation to Gail Curry 12

Medical Quality Assurance 15

Radioactive Materials Update 37

Presentation by SkinCure Oncology 57

"Superficial Radiation Therapy
for Dermatological Care"

AFTERNOON SESSION

PAGE

Radiation Detection Update 113

Next Meeting 123

Radiation Machine Update 128

Technology & CE Update 167

Adjourn 172

Certificate of Reporter173

1 DR. RANDY SCHENKMAN: Welcome everybody to our
2 real live meeting for a change. A good change, we
3 hope. So everybody can get to know each other, why
4 don't we start with everybody introducing
5 themselves. Do we want to start with you?

6 STEVEN SCOTT: Do you want to introduce
7 yourself?

8 DR. LIO YU: Yes. I'm Dr. Lio Yu, radiation
9 oncologist. I work in New York. It's nice down
10 here.

11 (Laughter)

12 STEVEN SCOTT: I'm Steven Scott. I'm the chief
13 operations officer for SkinCure Oncology.

14 JOSEPH DANEK: I'm Joe Danek. I'm on the
15 Advisory Council for expert environmental matters.

16 GIOVANNA MANNING: I'm Giovanna Manning. I'm
17 an environmental specialist for the Bureau.
18 Tallahassee.

19 GAIL CURRY: I'm Gail Curry. I'm with medical
20 quality assurance. We do the licensing for all the
21 radiologic technologists.

22 MR. COOKE: Good morning. I'm Douglass Cooke.
23 I'm the substitute Brenda.

24 JAMES FUTCH: Who's our administrative
25 assistant for the Council.

1 I'm James Futch, Bureau of Radiation Control.
2 Also based in Tallahassee and I'm council leader.

3 DR. RANDY SCHENKMAN: Randy Schenkman, Board
4 certified radiologist and the chairperson here.

5 CINDY BECKER: Hi. Cindy Becker. Good
6 morning. I'm the Bureau Chief for Radiation
7 Control.

8 MARK SEDDON: Mark Seddon. I'm a medical
9 physicist with Advent health and the vice-chair.

10 CLARK ELDREDGE: Clark Eldredge, Florida
11 Department of Health. I'm the administrator for the
12 radiation machine section.

13 GEORGE GILBRIDE: George Gilbride. I'm retired
14 but I'm a certified radiologist assistant and
15 retired from the University of Florida.

16 WILLIAM ATHERTON: Bill Atherton. I'm a
17 chiropractic radiologist in Miami, Florida and I
18 wish I was retired.

19 (Laughter)

20 REBECCA McFADDEN: I'm Rebecca McFadden. I'm
21 the certified radiologic technologist on this
22 committee.

23 DR. NICHOLAS PLAXTON: I'm Dr. Nicholas
24 Plaxton. I'm a nuclear medicine physician at the
25 Bay Pines VA.

1 ADAM WEAVER: Adam Weaver, certified health
2 physicist on the Board. Advisory Council.

3 DR. RANDY SCHENKMAN: Okay. Well, welcome
4 everybody. And we're going to really have -- it
5 looks like this is going to be a fun day, especially
6 when we get to after lunch.

7 While I'm bringing up lunch, if it's okay with
8 everybody, we were going to shorten lunch from maybe
9 12 to 1, because two of us have -- we're from Miami
10 and our flights are at 3:10, so we're going to have
11 to leave early. So if that's okay with everybody,
12 we'll just shorten it a little bit. Okay?

13 DR. NICHOLAS PLAXTON: Sounds good.

14 DR. RANDY SCHENKMAN: Okay. Now we have --
15 anybody have something to say?

16 ADAM WEAVER: No.

17 DR. RANDY SCHENKMAN: Okay. Now we have
18 approval of the minutes. It's a long list of
19 minutes if people read through them. Does anybody
20 have any questions or comments about it?

21 JOSEPH DANEK: I submitted my comments to
22 Brenda that I had several editorial and then I just
23 noticed that, and maybe it's common with minutes, I
24 don't know. There was a bunch of, like, hyphens in
25 the minutes as to maybe the -- whatever the person

1 said was not picked up or something. I don't -- you
2 know, I'm just saying there was a bunch of hyphens
3 in there, in the minutes. If you all look through
4 the minutes, you probably would've seen that. I'm
5 not quite sure what that means, but I gave my
6 comments to Brenda.

7 DR. RANDY SCHENKMAN: Okay.

8 JOSEPH DANEK: So I don't know. That's all I
9 got.

10 DR. RANDY SCHENKMAN: Okay. And I think that
11 it was edited probably based on your comments or
12 anybody else's from the staff. And that -- it's all
13 incorporated in the final minutes.

14 JAMES FUTCH: If I can add to that. So Brenda,
15 your comments were the very last ones that she got
16 and she incorporated those. And that's actually
17 what's posted right now on the website is the
18 unadopted minutes. And we have a physical copy here
19 if anybody wants to look at it. I think we got
20 several comments internally from staff about a lot
21 of different areas. My staff. And then we had a
22 couple council members mentioned corrections to
23 their sections.

24 JAMES FUTCH: Okay. So we'll take a vote on
25 approval of the minutes. All in favor, aye?

1 ALL: Aye.

2 DR. RANDY SCHENKMAN: Any opposed?

3 (No Response)

4 DR. RANDY SCHENKMAN: Okay. We're passed.

5 Okay. Cindy?

6 CINDY BECKER: Okay. Well, as far as the
7 Bureau updates, I'll get to that. But we wanted to
8 wish Dr. Schenkman a happy, happy birthday.

9 DR. RANDY SCHENKMAN: Thank you.

10 CINDY BECKER: And we're so pleased that her
11 family allowed her to share her special day with us.

12 REBECCA McFADDEN: Happy birthday.

13 (Applause)

14 CINDY BECKER: And we brought some little
15 Cuban, little snacks, pastries over here if anybody
16 would like them.

17 JAMES FUTCH: And cheese.

18 CINDY BECKER: There's different kinds of cream
19 cheese, guava. Feel free to have that. And we have
20 to give a little candle. Now this is -- who wants
21 to do the honors?

22 JAMES FUTCH: You do.

23 CINDY BECKER: Okay. What kind do you like,
24 Dr. Schenkman? What kind do you like?

25 DR. RANDY SCHENKMAN: I'll take one of the ones

1 with the guava in it. The red ones.

2 CINDY BECKER: Okay. Well --

3 DR. RANDY SCHENKMAN: That's so nice.

4 CINDY BECKER: She gets the candle all herself.

5 JOSEPH DANEK: Guava. I'm from Miami. I like
6 the guava.

7 CINDY BECKER: You can tell I'm not used to
8 doing this. Okay. So should we embarrass her and
9 try to sing?

10 GIOVANNA MANNING: Yes.

11 REBECCA McFADDEN: If we're going to do it,
12 let's do it.

13 (Singing Happy Birthday)

14 DR. RANDY SCHENKMAN: Thank you all so much.

15 (Applause)

16 DR. RANDY SCHENKMAN: I'm going to make a wish.

17 DOUGLASS COOKE: Speech, Speech.

18 WILLIAM ATHERTON: Meeting is adjourned.

19 (Laughter & Applause)

20 DR. RANDY SCHENKMAN: And you're all included
21 in my wish.

22 CINDY BECKER: Nice.

23 JOSEPH DANEK: That's not going to be in the
24 minutes, is it?

25 DOUGLASS COOKE: Every key and every note that

1 was sung.

2 CINDY BECKER: As you can tell, the new people
3 that are here, we become like family after many
4 years of serving together on the Board. And so, we
5 look forward to many more years. Yay.

6 DR. RANDY SCHENKMAN: Sounds good.

7 CINDY BECKER: Thank you.

8 DR. RANDY SCHENKMAN: Thank you all.

9 CINDY BECKER: So Bureau updates, I'm even
10 afraid to say this. I have to knock on wood. We
11 almost have a full staff. Poor John and his
12 environmental section keeps struggling with staff.
13 I think they have almost two vacancies right now.
14 But we have a full licensing staff and we have a
15 full inspection staff, so we're good there. And
16 they've been out and about since the very beginning.
17 You know, they took about two weeks off when Covid
18 hit. And I just went out with one of the newer
19 inspectors yesterday. And we said, yeah, they've
20 all done really well. And they haven't had really
21 any issues getting into facilities. So all is good
22 there.

23 We'll have some updates, you know, from Clark
24 and from Giovanna. Giovanna's representing the --

25 GIOVANNA MANNING: Kevin.

1 CINDY BECKER: -- the licensing program today,
2 so you'll hear from her, too.

3 The other thing, the power plant exercises are
4 coming up in January and February as they usually
5 do, so we'll have a number of staff going to those
6 exercises.

7 We have an internal applied radiation physics
8 and instant response class where we, over the years,
9 when NRC quit offering free training for us, we
10 developed our own in-house training. It's at John's
11 lab facility, which some of you that have never been
12 there, I invite you all to drop by there because
13 it's a beautiful facility. But they have a nice new
14 training facility there. And they're going to be
15 running our newer staff, about 12 of them, through
16 some exercises in the field, learning how to use the
17 detection equipment, which you'll see some of that
18 later this afternoon. He'll bring some of our
19 newest toys. And they get to play with the toys and
20 get some training on our procedures and processes
21 and it will be a good course. It's a whole week
22 long there at the lab. That's coming up the 13th
23 through the 17th.

24 And I'm trying to think of what else we have
25 coming up. There might be more exercises. We

1 usually help law enforcement and others with source
2 support. We provide our sources. And those come up
3 from time to time.

4 Any other meetings anybody know of coming up?
5 I don't really know of any in the next six months.
6 Hopefully we'll do our, our in-person meeting again
7 probably May, June. So that will happen.

8 So other than that, welcome everybody. And
9 we'll move on with the, with the --

10 DR. RANDY SCHENKMAN: Okay. Gail, you're up
11 next.

12 CINDY BECKER: Gail.

13 GAIL CURRY: I'm sorry.

14 CINDY BECKER: Gail. We're going to embarrass
15 Gail too now.

16 JAMES FUTCH: All right.

17 CINDY BECKER: It's her last official meeting
18 with us. Miss Gail is retiring.

19 REBECCA McFADDEN: Congratulations.

20 GEORGE GILBRIDE: Congratulations. You'll love
21 it.

22 GAIL CURRY: Thank you. I'm excited. I'm very
23 excited.

24 JAMES FUTCH: So Gail Curry is the
25 representative from a division inside the

1 department, the Medical Quality Assurance. Licenses
2 all the doctors and all the different folks,
3 including the rad techs. So I'm going to give a
4 little bit of background on this and see if we can
5 embarrass Gail a little bit more.

6 So Gail's actually been working for the
7 Department since 2002, if I remember right, and she
8 has worked in the Bureau of Radiation Control and
9 then in 2005, when the alliance between our section
10 and MqA happened for the purposes of rad techs, she
11 transitioned over to work for MqA, and she's been
12 there ever since.

13 GAIL CURRY: Not by choice.

14 (Laughter)

15 JAMES FUTCH: Not any of our choices, but
16 that's kind of the way it worked out. So we have --
17 had Gail working on behalf of the Council in the
18 Bureau doing some of the background stuff before the
19 transition, and then afterwards in the role that you
20 see her now, which is representative and usually
21 interfaced with the educational program members and
22 help out whatever technologists or applicants
23 couldn't get licensed or haven't gotten licensed in
24 any way, shape or form.

25 But we just wanted to take a minute and thank

1 Gail for all of her support over the years and with
2 all of you here, and to wish her the best in her
3 retirement soon, next year some time early.

4 GAIL CURRY: February 1st.

5 (Laughter)

6 REBECCA McFADDEN: She's not counting.

7 DR. NICHOLAS PLAXTON: She knows the days.

8 JAMES FUTCH: This one over here has a clock on
9 her desk down to the microseconds.

10 But we wanted to give you something to remember
11 us by and hang something on your wall, so we've got
12 a little certificate of appreciation. I'm going to
13 read it and then present it to you. It says
14 "Certificate of Appreciation is hereby awarded by
15 the Bureau of Radiation Control to Gail Curry for
16 her 15 years of excellent service to the Advisory
17 Council on Radiation Protection and its members."
18 And we actually have all the current members' names
19 listed down here at the bottom of the certificate.
20 And Dr. Schenkman --

21 GAIL CURRY: Nice.

22 JAMES FUTCH: -- and Cindy have signed at the
23 bottom. So if you want to stand up for a picture.

24 (Applause)

25 JAMES FUTCH: I think we'll get something like

1 this. Face Douglass. And you can take pictures
2 with everybody else afterwards if you want to.

3 GAIL CURRY: Thank you.

4 Let me just bounce off of that a little bit.
5 This is kind of bittersweet for me because James
6 hired me back in 2002. I knew absolutely nothing
7 about any of this. I mean, I didn't even know what
8 a, a BXMO was. He said BXMO and I'm like, I don't
9 know what the heck you're talking about. And
10 instead of saying radiography, I would say
11 radio-graphy. So I, you know --

12 (Laughter)

13 GAIL CURRY: -- it wasn't my world at all.
14 James and --

15 (Chantel Corbett Enters Meeting)

16 GAIL CURRY: -- and his staff took me under
17 their wings and trained me very well. So for that,
18 I'd like to say thank you.

19 JAMES FUTCH: Thank you.

20 GAIL CURRY: They are my family. They're not
21 my work family. They're my family. And I know I
22 could call any one of them at any time and say, I
23 need something or if I'm having a rough time
24 personally, they're there for me.

25 So it's going to be hard to leave, but I'm

1 leaving on a good note. And I'm leaving in a good
2 place for myself. So with that, I say thank you
3 very much.

4 So let me just --

5 JAMES FUTCH: Back to the real business.

6 GAIL CURRY: Yeah. Let me just give, give
7 y'all some numbers like I usually do, and then, you
8 know, I'll open it up for anybody that has questions
9 or concerns or anything like that.

10 So I am the regulatory supervisor consultant
11 for radiography, EMT paramedics and nursing home
12 administrators. I will be leaving February 1st. We
13 do have a new supervisor that will be taking my
14 place. Her name is Melanie Smith. She's been one
15 of my processors for about three years, so she knows
16 the backside of the processing; the guidelines
17 that's required to license someone, so I think
18 you'll be in really good hands.

19 They did do a layover or an overlap to -- so
20 that I could train her and I'm trying to give her
21 all the information that I have so that, you know,
22 you guys shouldn't see any major problems or
23 anything like that.

24 So with that being said, I can tell you that
25 right now, we are processing applications two days

1 from the day that we receive them in our office.
2 Most of the time, it's been one day. They just
3 knock those out really quick. Right now we are
4 seeing an influx of applications due to graduation
5 so, you know, we do have a little bit more work;
6 it's taking a little bit more time.

7 Keep in mind we do that with three processors
8 for the whole state. For all of those applications,
9 for EMTs, paramedics, rad techs and nursing home
10 administrators.

11 There are -- starting January 1st through
12 November 30th, we have -- we've received 2,266
13 applications for general radiographers, which
14 includes nuclear medicine and radiation therapy. We
15 have five radiologic technology assistants. Those
16 are new applications. And we have 85 of the basic
17 x-ray machine operators, for a total of 2,356
18 applications received from January 1st until the day
19 before yesterday. So, you know, you guys are
20 growing; looking good.

21 We have also issued certificates. Now, those
22 were just applications received. We've -- we have
23 licensed 2006 general radiographers, 20 nuclear
24 medicine techs, 35 radiation therapy technologists,
25 five radiologic technologist assistants and 61 basic

1 x-ray machine operators, for a total of 2,122.

2 The difference in those two numbers are some
3 applications are not complete. Some may have a
4 criminal background that's in second review. So I
5 think the percentage is awesome. And applications
6 are coming in completed, so we're able to get those
7 done quickly.

8 Right now -- and I'm not real sure if these
9 numbers are accurate because sometimes when we run
10 the reports versus IT running the reports, they're
11 not exactly the same, but rad techs, including
12 basics, we're looking at 29,485 active licenses. We
13 have 36 active assistants. So your numbers are, are
14 increasing.

15 JAMES FUTCH: There's one.

16 GAIL CURRY: Yep. That's why I keep looking at
17 him.

18 GEORGE GILBRIDE: I was RA26.

19 (Laughter)

20 GAIL CURRY: With that, I will just open the
21 floor for any questions; concerns. And please,
22 always know -- well, I'll be there until February
23 1st. But anything that we can do to help streamline
24 our process or to make things run smoothly, we're up
25 for changing anything we can. Some things, you

1 know, my hands will be tied because of IT and things
2 of that nature, but I always love getting new ideas
3 and new things, so --

4 GEORGE GILBRIDE: I have one question.

5 GAIL CURRY: Sure.

6 GEORGE GILBRIDE: In the state, you have to
7 keep your, you know, you have to maintain your RT
8 license as well as your RA license. One of the
9 things that a few of the people that I worked with
10 up at UF is when we would put in for -- because both
11 licenses are up at the same time. And a lot of
12 times, like for me and also Sean, he had his RT
13 license, which would be, you get the license for it,
14 and my RA license, I have to make a phone call
15 because they didn't tie in my, my CEUs with the RA.
16 So I just made several calls -- and so did Sean --
17 and I don't know if, I don't know if that happened
18 with Ken Harbor, either. These are some of the
19 other RAs that worked. And it gets resolved, but
20 it's always a matter of making a couple phone calls
21 so just --

22 GAIL CURRY: Okay.

23 GEORGE GILBRIDE: -- they somehow don't have a
24 way to tie them together.

25 GAIL CURRY: Right. And it's two separate

1 licenses. So you have to remember, it's two
2 separate licenses. Just because you renew one
3 doesn't automatically renew the other.

4 GEORGE GILBRIDE: We would send them both in
5 with both of the information. I mean, they would be
6 separate envelopes and we'd get the RT stuff, but
7 it's always a call, oh, okay. And it gets resolved.

8 GAIL CURRY: Really?

9 GEORGE GILBRIDE: Yeah. It's just --

10 GAIL CURRY: You shouldn't have to make that
11 phone call. It should be done. And I will take
12 that back to the office because that -- and
13 especially if you're sending them in separately,
14 they're separate license numbers. They're different
15 modalities, so you shouldn't have to be making that
16 phone call. And that does not actually come through
17 my department. It comes through licensure services.

18 GEORGE GILBRIDE: I'm sorry.

19 GAIL CURRY: No, no, no. What I'm saying is,
20 we ultimately could handle that, but renewals go
21 through a different department.

22 GEORGE GILBRIDE: Okay.

23 GAIL CURRY: So I need to relay this
24 information to them so that that won't happen in the
25 future. Because when you're sending that in, it

1 should, it should be handled at the very same time.
2 You shouldn't have to make a separate phone call.
3 So thank you for that.

4 CHANTEL CORBETT: Are you uploading your CEUs
5 or sending them in with the paper?

6 GEORGE GILBRIDE: Uploading them.

7 CHANTEL CORBETT: Do you have to upload them
8 twice or only once?

9 GEORGE GILBRIDE: Yes.

10 CHANTEL CORBETT: Okay. I was wondering if it
11 was only one portal maybe that was messing up.

12 GEORGE GILBRIDE: The last time, it was funny,
13 we were in the midst of moving some equipment and
14 thank goodness, I was, I was, I was on my cell phone
15 and we lost contact and my wife was at our house.
16 We still had the phone working there. And the
17 person called back, got my wife to tell them it's
18 okay, just let them know it will be mailed out
19 properly, because they didn't have my cell phone
20 number.

21 GAIL CURRY: Yeah. That's another thing. Keep
22 all your information updated. You have that portal.
23 You can go in, if you change your address, you only
24 have, like, ten days to do that. So if you keep all
25 of that stuff updated, we'll have good contact for

1 you. Update your phone numbers, your addresses,
2 your place of practice addresses. And that way
3 we'll have good contact information.

4 But thank you, George, for that. That's good
5 information that I can take back for you.

6 GEORGE GILBRIDE: Okay.

7 JAMES FUTCH: George, when they set this
8 profession -- when they did the transition from
9 being a purely Bureau of Radiation Control run
10 profession to an MqA run profession in 2005, they
11 set up all of the radiographers and nuclear med
12 techs, therapists and basic machine operators
13 underneath essentially the same profession number in
14 the licensing database. So it's a little bit easier
15 to handle things on that side. So you can be a
16 nuclear med tech and a radiologist therapist, it
17 will all sync up. It will have one license number
18 and it will all renew at the same time.

19 Gail's group on the front end on the Board
20 office handles applications and thing like that.
21 There's another group she mentioned, the licensure
22 services, and they're used to dealing with the large
23 volume that comes from all of the rest of the
24 professions. So they key in on the profession
25 number. The number.

1 When they set the radiologist assistants up, it
2 was, it was a few years after that. And for
3 whatever reason, at that point in time, they set it
4 up in their database as a whole separate profession
5 number. So you get this issue of, we think of it as
6 the same, you know, it should be the same, certainly
7 the same person. It should be the same license, but
8 it's handled separately in the, in the system, so we
9 end up having to do stuff like this. But we very
10 much appreciate knowing about it because, you know,
11 we don't know what's happening out there and then it
12 takes a little bit of special --

13 GAIL CURRY: Hands off.

14 JAMES FUTCH: -- hands off on the backside to
15 go talk to the right people.

16 GEORGE GILBRIDE: I don't want to get anybody
17 in trouble now.

18 GAIL CURRY: No, no, no.

19 JAMES FUTCH: It's not that. I wish it was
20 just as simple as going and talking to the people.

21 GAIL CURRY: Let me ask you a question. You
22 said you sent these in by mail. Did you try to do
23 them online?

24 GEORGE GILBRIDE: I did them online.

25 GAIL CURRY: You did them online?

1 GEORGE GILBRIDE: Yes. Look, I'm old enough.
2 I'm used to sending mail.

3 GAIL CURRY: Well, in our world, that makes a
4 big difference. That's why I wanted to question
5 that.

6 GEORGE GILBRIDE: I did them online. I
7 uploaded all the information and stuff like that.

8 GAIL CURRY: So you did try to renew them
9 online and it did not renew one of them. That's
10 really --

11 GEORGE GILBRIDE: And I got the verification
12 that it all went through, but I only received one
13 license via mail.

14 GAIL CURRY: Okay.

15 JAMES FUTCH: It could just be another quirk.

16 GAIL CURRY: Right.

17 JAMES FUTCH: Every once in a while, we come
18 across quirks in the different data systems. But we
19 came across one -- it was kind of part of my update,
20 but ties into this a little bit. We came across one
21 that on the renewal applications, there's a question
22 that asks about background history, just like there
23 is on the initial application. If you had a, you
24 know, conviction; this kind of thing. And if you
25 answer yes to it, then you have to supply a bunch of

1 additional information. It was designed that way;
2 it was working that way. There's only one problem.
3 If you have two convictions to report --

4 GAIL CURRY: You'd be surprised.

5 JAMES FUTCH: -- the system gets a little wonky
6 on the last one that you answered, so we've got, as
7 you say, a ticket in to IT to fix that.

8 REBECCA McFADDEN: I'm thinking, you know, as
9 it only allows you to have one copy of a license, it
10 could be some of the configuration and that's based
11 on, you know, you're only going to generate one per
12 person, even if there's multiple licensures. You
13 see what I mean? Maybe that could be something to
14 look at from an IT perspective.

15 GAIL CURRY: Right. And that should not be
16 happening, but that could be a good scenario.

17 REBECCA McFADDEN: Right.

18 GAIL CURRY: Because there's two separate
19 license numbers or certificate numbers.

20 REBECCA McFADDEN: Yeah.

21 GAIL CURRY: So it shouldn't be doing that.

22 REBECCA McFADDEN: Some of them may be.

23 GAIL CURRY: It could be. That's a very good
24 observation.

25 JAMES FUTCH: Kathy couldn't be with us today.

1 Dr. Drotar. Normally she has a few questions about
2 the many Keiser classes graduating and issues that
3 have happened with them.

4 GAIL CURRY: I haven't heard from her for a
5 while.

6 JAMES FUTCH: Yeah.

7 GAIL CURRY: We're doing good.

8 JAMES FUTCH: It's working well.

9 REBECCA McFADDEN: No news is good news.

10 GAIL CURRY: I'm actually looking at your file
11 and I do see where you did this back in May. May 15.

12 GEORGE GILBRIDE: Mm-hmm. I feel so naked now.

13 GIOVANNA MANNING: You're exposed.

14 (Laughter)

15 GEORGE GILBRIDE: Oh, God.

16 DR. RANDY SCHENKMAN: Hide.

17 JAMES FUTCH: We're recording this for
18 publication on the website. Everybody feel free to
19 say whatever you want.

20 REBECCA McFADDEN: This is public record,
21 right?

22 GAIL CURRY: So I -- just by looking at this,
23 everything looks like it went through okay, and both
24 the certificates printed for you on 5-15. Why it
25 didn't get to you, I'm not sure, but I will

1 definitely look into that.

2 CHANTEL CORBETT: I was going to say, is your
3 address the same on both?

4 GEORGE GILBRIDE: Yes.

5 CHANTEL CORBETT: Some people put a practice
6 address on one and a house address on the other.

7 GEORGE GILBRIDE: No, they're both the same. I
8 can doublecheck on that. No, they're both the same.

9 CHANTEL CORBETT: Because we have a lot of
10 techs who forget they put their practice address on
11 it and it goes to a hospital somewhere.

12 GEORGE GILBRIDE: No, they're both the same.

13 GAIL CURRY: It gets lost in that big -- yeah,
14 they both are the same in the system, so -- but
15 yeah, that's a great point and I'll be glad to take
16 that back for you.

17 GEORGE GILBRIDE: And like I said, it just
18 didn't happen to me. It happened to a few other
19 people. I don't know if it's just -- again, I just
20 don't know why, but I haven't heard from anybody
21 else. But I don't really deal with too many of the
22 people other than these other two individuals that I
23 worked with.

24 GAIL CURRY: Yeah. And I may reach out to you
25 for those names just so I can look at the files and

1 have some more information to give to IT.

2 GEORGE GILBRIDE: Sure.

3 GAIL CURRY: And then that way, they can look
4 at all those --

5 GEORGE GILBRIDE: No problem.

6 GAIL CURRY: -- and see if there's a common
7 ground somewhere that will cause that to happen.

8 GEORGE GILBRIDE: Okay. No problem.

9 GAIL CURRY: Thank you.

10 GEORGE GILBRIDE: You're welcome.

11 DR. RANDY SCHENKMAN: Anybody have any other
12 comments or questions or anything?

13 JAMES FUTCH: Does anyone see any changes
14 coming from your societies for the professions in
15 terms of nationally, standards changing, things need
16 to change in Florida, or they're not, anything like
17 that? Everybody's happy?

18 (Laughter)

19 REBECCA McFADDEN: There was a change, I mean
20 as far as, I don't know, it's not a national
21 society, but I was part of the big society,
22 radiologist technologists that operated out of
23 Ocala. We had as many members as our Florida state
24 as far as registered technologists. We did the --
25 post the pandemic, we did dissolve that society so

1 we're no longer operational. And we did leave with
2 close to 60 members who were active and coming to
3 some of the meetings. But the challenge was getting
4 the, you know, getting the support from physicians
5 and people to come and take that time to do the
6 talks and providing those opportunities for the
7 continuing education credits.

8 But we did, we did dissolve the society and so,
9 but you know, a lot of -- we did, we -- with the
10 funds at the end, we donated to our -- the school,
11 the local school that is run by Marion County School
12 Board. And that was, you know, but after the
13 pandemic and, you know, inability to meet for such a
14 long time, and then, you know, the willingness to
15 get speakers was getting harder and harder. We had
16 about 75 people attend our yearly seminar on a
17 Saturday. It was just a one day. But it's
18 definitely going to be something that's missed in
19 our area and I'll miss, you know, for sure.

20 But we did have to make that decision and no
21 longer keep it going. It's the online environments
22 I think and more opportunities for CEUs that way.
23 So sad, but --

24 JAMES FUTCH: Anybody hearing any issues,
25 proposals, legislatures about to go back into

1 session in January, it's the early year. We keep
2 feelers out to try and see things that might be
3 happening, bills that will affect the radiation
4 issues. But if you hear something, if you -- in
5 your facilities, with your contacts and, and your
6 peers with the societies, if there's something you
7 hear rumblings of, let us know and we'll make sure
8 we keep a watch out for it.

9 Gail, just out of curiosity, EMTs and
10 paramedics are roughly double the number of licensed
11 folks?

12 GAIL CURRY: Yeah. They're almost triple your
13 licenses.

14 JAMES FUTCH: Really? Okay.

15 GAIL CURRY: They're huge.

16 MARK SEDDON: I have a question. So the
17 medical physicists licensure, is that through you,
18 Gail?

19 GAIL CURRY: It is.

20 MARK SEDDON: Okay. So there's some discussion
21 about licensure for or pathways for physicists who
22 are MR certified physicists. I'm not sure if you
23 had any discussion with the folks at Mayo about
24 that.

25 GAIL CURRY: I have not heard anything on that.

1 You know, medical physicists, they don't have a
2 council or anything anymore.

3 MARK SEDDON: Right.

4 GAIL CURRY: So it's hard to keep up with the
5 changes that are happening. I have not heard of
6 anything, but I can check.

7 MARK SEDDON: Okay. Yeah. So just, just make
8 a note that there's been some discussion, there's a
9 pathway for a subgroup of diagnostic physicists who
10 are certified by the -- in MRI only. So they don't
11 fall under the current categories we have as far as
12 diagnostic therapy and nuclear medicine and so they
13 don't have a pathway to become licensed in Florida.
14 And so, it is for some employers who are requiring
15 their clinical physicists to be licensed, they don't
16 really have a pathway for them to move forward.

17 So it's not a huge group of folks. It's just
18 those who are specialized in MRI. Because they're
19 typically not certified in diagnostic. They're
20 certified in MRI and physics only. So there's been
21 some discussion amongst the board or the chapter,
22 Florida chapter about what pathways or opportunities
23 could be available to them.

24 CHANTEL CORBETT: Is there only one certifying
25 body for that?

1 MARK SEDDON: For MRI? Yes, there's ABMP.

2 CHANTEL CORBETT: That's the only one?

3 MARK SEDDON: Yeah, that's the only one. But
4 we have -- there's a couple physicists, not many,
5 that are in Florida who are MRI-only certified, so
6 they can't become licensed in -- I think Mayo is the
7 one facility that says, well, you have to be a
8 licensed physicist.

9 CHANTEL CORBETT: There's a lot of, especially
10 with all the credentialing nowadays.

11 MARK SEDDON: Credentialing -- with the
12 hospitals, you have to have a license to work --

13 CHANTEL CORBETT: Right.

14 MARK SEDDON: -- but there's no way for them to
15 become licensed.

16 JAMES FUTCH: What's the situation in other
17 states? Has anybody else created a license just for
18 them?

19 MARK SEDDON: No one else has that. So I did a
20 query around the country. There's some other states
21 that have medical physicists licensure. Nobody has
22 an MRI pathway, so it is kind of unique. Then it's
23 a small subgroup. So again, physics is a small
24 subgroup.

25 JAMES FUTCH: Obviously, this is outside the

1 legislation that we would typically look at. The
2 certifying practicing act. Have you looked at the
3 definitions there and is it exclusive of
4 nonionizing? I haven't looked at it.

5 MARK SEDDON: No. The closest would be
6 diagnostic medical physicist as an affiliated
7 category. But they are not trained. They, they
8 wouldn't include the same scope as far as how it's
9 currently written. Because usually, if you're an
10 MRI physicist, you're non-ionizing only.

11 JAMES FUTCH: You would think categories as
12 written in the statute would be so robust as to not
13 allow it if they were inclined to do so with
14 regulations and the lawyers were agreeable to it.

15 MARK SEDDON: Um, I mean, the only -- this is
16 speaking from my opinion. I don't know if this --
17 my opinion would be that --

18 JAMES FUTCH: Sure.

19 MARK SEDDON: -- MRI should be in its own
20 separate category. It doesn't cross over. If
21 you're a licensed diagnostic physicist, then it kind
22 of includes you in mammography and some other areas
23 that typically MRI physicists wouldn't be aware or
24 have that knowledge base. So, I mean, we can't have
25 that problem with -- when you categorize specialties

1 of physics practice to the extent our current
2 licensure does, it makes it challenging for crossing
3 over.

4 You know, it would be like if you, if you
5 categorized every type of physician because your
6 license says radiologist only or as a radiation
7 oncologist only, then crossing over those gray area,
8 like, radio pharmaceutical therapy. Like, what is
9 that? A radiology practice or is that an oncology
10 practice? It's the same type of thing you have
11 going on within medical physicists.

12 CHANTEL CORBETT: Yeah, I mean obviously,
13 nuclear spectrum has its own license, but it's still
14 within the ionizing radiation.

15 JAMES FUTCH: Yeah. So on -- it could come
16 down to just how strictly that statute's written.

17 MARK SEDDON: Yeah. So we need to review the
18 statute and look at it. I just wanted to ask if you
19 had any, any discussion about it.

20 GAIL CURRY: Yeah. No, I have not.

21 MARK SEDDON: Yeah. There's not really a
22 council, so I think I would primarily go to you with
23 those questions.

24 GAIL CURRY: Yeah. If something was happening,
25 I would be notified. I have not been notified of

1 anything like that.

2 MARK SEDDON: Okay. Well, there's some
3 discussion about that.

4 GAIL CURRY: Yeah. That's a good --

5 MARK SEDDON: There you go.

6 GAIL CURRY: I will go back and ask, though.

7 MARK SEDDON: Okay. Thank you.

8 JAMES FUTCH: Going back to the rad techs for a
9 second. We had a little dalliance with an MR
10 certification.

11 MARK SEDDON: I remember that.

12 JAMES FUTCH: It fit the national structure.
13 And on first glance, the lawyers who looked at it
14 for creating a license category said yes and then
15 after we issued, I forgot how many of them, a year
16 or two later, somebody complained and they looked at
17 the same statute and said, no, you can't do that.
18 So then we recalled all those MR licenses for rad
19 techs.

20 But one of the interesting things is the last
21 time we had major legislation that changed our
22 statute in 468 part four, we had some similar
23 problems, which was, look, things change at the
24 national level and the statutes are kind of hard
25 coded in some cases to only allow certain things in

1 Florida.

2 So the last time we had our legislation
3 changed, we created a category which we called
4 specialty technologists, which allows for us to,
5 essentially, if there is a change at the national
6 level with regard to, you know, a new category of
7 radio -- any kind of ionizing stuff, we can put that
8 in by regulation without having to go back to the
9 Legislature. Unfortunately, we didn't get the
10 definition of radiation changed to include
11 non-ionizing, so MR is still out at our level as
12 well as ultrasound.

13 Is that it?

14 GAIL CURRY: That was hard for us to explain
15 to, to the people that called when they couldn't
16 renew their MR licenses, or certificates. They were
17 like, what do you mean I can't, you know. And so,
18 we had to explain to them that it was pulled back.
19 They liked having that.

20 JAMES FUTCH: Yeah.

21 GAIL CURRY: They liked having that.

22 JAMES FUTCH: It's one of those things that
23 makes sense from the medical and patient point of
24 view. And I think if there was enough demand to
25 change the statute, to put it in, you know, we can

1 do it, but it takes some effort.

2 GAIL CURRY: That's all for me.

3 DR. RANDY SCHENKMAN: Anybody have anything
4 else? Okay. We're going to move on to Giovanna.

5 JAMES FUTCH: Giovanna? Who's that?

6 GIOVANNA MANNING: Okay, guys. Again, I'm
7 Giovanna. I've been with the Bureau for a little
8 over a year. It was God sent that I got the job.
9 Thank you guys again for hiring me. I learn
10 something new every day. Kid you not.

11 But from the last meeting you guys discussed,
12 we're fully staffed, as Cindy said earlier. But you
13 guys -- I guess Kevin mentioned an inspector review
14 position that was open, but he couldn't give you
15 guys a name. His name is Matthew Sension (ph).
16 He's from the Orlando office, which he moved up to
17 the Tallahassee office in our department. But he
18 was -- he's been with the Bureau for over seven
19 years and he was one of the duty officers with the,
20 with the Bureau.

21 And then Meghan Thorpe, she was our last
22 evaluator, licensed evaluator that came on board.
23 And she got married, so now her name is Meghan
24 Helms.

25 And the rule making process is still in, in

1 progress. The rules become effective 20 days after
2 the final rule is filed with the Joint
3 Administrative Procedures Committee. They're
4 shooting for the beginning of April for that -- of
5 2022, of course.

6 We also -- I'm not sure, you know, how this
7 applies to anyone in here, but just an FYI. We were
8 getting some licensees who were -- their license was
9 expired and they were still trying to get RAM from
10 pharmacies. And the pharmacies was actually giving
11 it to them. So we just came out with a new fixed
12 paragraph for the cover letter for any pharmacy
13 that, you know, let them be aware that we are, like
14 licensees are amending their license frequently and
15 if they're ordering to try to do a more frequent ask
16 for them to give them up-to-date license.

17 JAMES FUTCH: Giovanna, on that point, if I
18 remember from previous discussions with you, so
19 you -- the pharmacies were getting a copy of the
20 licensee's original issued license?

21 GIOVANNA MANNING: Original issue.

22 JAMES FUTCH: And then not realizing it can
23 change --

24 GIOVANNA MANNING: Exactly.

25 JAMES FUTCH: -- before it reaches its

1 expiration date.

2 GIOVANNA MANNING: Exactly, or they had
3 multiple amendment requests in between and not
4 getting an up-to-date license.

5 (Phone ringing)

6 JAMES FUTCH: George is providing the reminder,
7 on the cell phones, to silence those.

8 GIOVANNA MANNING: Silence those.

9 GEORGE GILBRIDE: Sorry.

10 JAMES FUTCH: That's okay.

11 CHANTEL CORBETT: Yeah, I mean, it's
12 interesting because Xofigo, specifically Cardinal,
13 has every six months, they email every licensee that
14 is issued for Xofigo for a copy of the most
15 up-to-date amendment. And they tell you, this is
16 the amendment we have on file. If you haven't -- if
17 this is the last one, just let us know. If not,
18 send us the new one. So if they -- everybody would
19 get on that.

20 GIOVANNA MANNING: Yeah.

21 MARK SEDDON: I think they're the only ones I'm
22 aware of that usually request it.

23 CHANTEL CORBETT: Otherwise?

24 MARK SEDDON: Yeah. I don't know of any
25 other --

1 CHANTEL CORBETT: No. I agree.

2 MARK SEDDON: -- any other that submit pharmacy
3 requests --

4 CHANTEL CORBETT: Unless it's getting ready to
5 expire, which is what made me question that because
6 I mean, even on an original issue licensure, your
7 expiration date doesn't change even though the
8 amendment is in use --

9 GIOVANNA MANNING: Exactly.

10 CHANTEL CORBETT: -- so they should at least
11 catch that.

12 GIOVANNA MANNING: So, well, me personally, I
13 would say, acts every three months, like every
14 quarter.

15 CHANTEL CORBETT: Yeah. Well, the hospitals
16 are obviously the biggest changers, you know,
17 usually with the AUs going in and out --

18 GIOVANNA MANNING: Going in and out.

19 CHANTEL CORBETT: Yeah. Smaller, not as much.

20 JAMES FUTCH: I think that was -- what I heard
21 about it, it was kind of surprising. You spend all
22 the time and effort to make sure someone is
23 qualified with the license initially and then when
24 they renew it, you think everybody is following it
25 and paying attention to all of it. It's like,

1 whoops, wait a minute. I think it ran without
2 having a current license. Hmm.

3 GIOVANNA MANNING: So -- and the funny part
4 was, the licensees who was expired, they were, they
5 were doing a change of ownership in the meantime and
6 the change of ownership had their application in.
7 And you know, they were like, we need RAM. We're
8 like, well, you can't get RAM. And, you know, we
9 had to issue the new license, but then the RSO is
10 the same RSO for the new licensee. So who was
11 responsible to make sure everything is up to date
12 and all that. Yeah. That, that ball dropped so
13 much. So -- but that's something new, which I'm
14 glad that in -- it's now affixed to the pharmacy
15 cover letters. Any other questions pertaining to
16 that?

17 I have one more statement and then -- medical
18 events, there was one since the last meeting. It
19 was a gamma knife edition. Well, it was a gamma
20 knife licensee. Apparently, if I'm saying it right,
21 there was, like, double the dose, the maximum dose
22 given within the three months' gap, I'm assuming.
23 Whereas this was out of town and they didn't get
24 the, you know, the out of state, they didn't get the
25 records in time to review, so -- but that was --

1 JAMES FUTCH: Yeah. This one, do you remember
2 this one?

3 CINDY BECKER: I remember this one, yeah.

4 JAMES FUTCH: The patient had, essentially, two
5 facilities involved. And the responsible folks at
6 the facility reached out to get the records from the
7 previous ones.

8 GIOVANNA MANNING: Right.

9 JAMES FUTCH: And I think they went on
10 vacation.

11 CINDY BECKER: Right. The treating physician,
12 I guess, left on vacation.

13 JAMES FUTCH: The person who was filling in, I
14 don't have the exact details, didn't realize it,
15 didn't check when they had it treated and the
16 records came in and said, oh.

17 GIOVANNA MANNING: Whoops.

18 JAMES FUTCH: Already treated for that not too
19 long ago.

20 GIOVANNA MANNING: Yeah.

21 JAMES FUTCH: Hence the double dose.

22 GIOVANNA MANNING: Hence the double dose.

23 CHANTEL CORBETT: One more thing I'm going to
24 bring up on the radioactive materials section side.

25 So, recently, the Department started asking all

1 PET licensees, on any routine amendments, renewals,
2 or a new license, to submit either a shielding
3 design or measurements to prove that the public is
4 protected from radiation. So obviously, with new
5 licensees, there's not an issue because they've got
6 a new shielding design. The problem comes in with
7 the older licensees, where most of them probably had
8 one done, but, they don't have a clue as to where
9 they are anymore.

10 So we've been trying to work with everybody up
11 there to get a routine, easy, across-the-board
12 answer of, what do you do? What do you need us to
13 submit for these clients. So as of yesterday, I
14 think was our last conversation. Basically, they
15 want measurements showing with injected F18 patients
16 in the incubation rooms, your nearest point what
17 those survey measurements would be to prove that
18 you're not -- I asked for the regulation that we're
19 trying to, all of a sudden, ask for these things
20 for, and it was the general radiation protection of
21 the public. So it's -- I feel kind of like we've
22 always done similar things with our MOP.

23 GIOVANNA MANNING: Right.

24 CHANTEL CORBETT: So I think it's additional to
25 that. So we've had a lot of clients push back and

1 say, you know, I've been licensed for 15, 20 years.
2 Why all of a sudden are we having to do this? You
3 know, so it's been a lot of push back on the middle
4 people. Trying to figure out why all of a sudden
5 this is an issue and why it's being asked for.

6 GIOVANNA MANNING: And I think, what I -- to
7 what I understand, it's being asked for, for when
8 the patient is through. Like, before they leave the
9 facility. Not while they're there, to my
10 understanding.

11 CHANTEL CORBETT: It's not for the patient.
12 It's for the public. Being protected from the
13 radiation from --

14 GIOVANNA MANNING: From the patient. Right.
15 Okay.

16 CHANTEL CORBETT: Yeah. Because they're asking
17 for, like, the nearest area on the other side of the
18 wall kind of thing. Like where did that --

19 ADAM WEAVER: When they're in the choir room or
20 waiting room after they've been injected. Where
21 they wait for 30 minutes to 60 minutes.

22 GIOVANNA MANNING: After they've been injected.
23 They want to know, do you guys release them out into
24 the public, you know, or what do you guys do.

25 CHANTEL CORBETT: Yeah. See, that question has

1 not been asked.

2 GIOVANNA MANNING: So that's the issue.

3 CHANTEL CORBETT: I can clarify that with them,
4 too.

5 GIOVANNA MANNING: That's the major -- to what
6 I understand.

7 ADAM WEAVER: Part of the protocol is to keep
8 them quiet.

9 CHANTEL CORBETT: Yeah.

10 ADAM WEAVER: Especially if they're imaging the
11 brain.

12 CHANTEL CORBETT: Yeah. I mean typical is a
13 minimum of 45 at the lowest end. You know, up from
14 that.

15 ADAM WEAVER: You don't even let them watch
16 T.V.

17 CHANTEL CORBETT: Right. Yeah.

18 MARK SEDDON: Who's reviewing that information?
19 I guess there's --

20 CHANTEL CORBETT: Well, there's no requirement
21 of who provides that information either, so --

22 MARK SEDDON: Right.

23 CHANTEL CORBETT: It's the reviewers. The
24 licensee reviewers.

25 MARK SEDDON: What are they using as the

1 criteria? Just a member of the public?

2 CINDY BECKER: Public criteria release.

3 GIOVANNA MANNING: The release, yeah. Like I
4 said, to my understanding, how I gathered it, it was
5 what do you do with your patient? Do you release
6 them into the public or do you have a protocol
7 for --

8 CHANTEL CORBETT: That specific question has
9 never been asked.

10 GIOVANNA MANNING: Okay. Like I said, that's
11 what I got.

12 ADAM WEAVER: Yeah. That opens up something
13 altogether --

14 CHANTEL CORBETT: Yeah. There's multiple
15 problems this has already opened up --

16 GIOVANNA MANNING: Yeah.

17 CHANTEL CORBETT: -- because, you know, just if
18 you say okay, give me a shielding design, there's no
19 guarantee that they ever put that in. Like, it's
20 telling you what should be in the walls to protect
21 the public. But that's a design.

22 GIOVANNA MANNING: That's a design.

23 CHANTEL CORBETT: There's nothing saying that
24 it was actually done. So even on a new facility,
25 if, you know, a physicist calculates that up and

1 it's a lot of work to do and you give that to
2 somebody, but unless there's actually measurements
3 done after the fact, there's no proof that it's
4 there. And you have a lot people who move into a
5 building --

6 ADAM WEAVER: A verification survey.

7 CHANTEL CORBETT: -- that's been used for x-ray
8 or been used for something and they say, oh, yeah,
9 no. It's already got light in the walls. Go ahead
10 and do whatever, you know. So there's just no way
11 to do that without physical measurements.

12 MARK SEDDON: Right. Because the PET
13 facilities generally have a lot of very heavy duty
14 shielding required for uptake rooms.

15 CHANTEL CORBETT: Right.

16 MARK SEDDON: And your design is very dependent
17 upon assumptions --

18 CHANTEL CORBETT: Locations.

19 MARK SEDDON: -- how you're utilizing the rooms
20 and how many applications you're putting into the
21 rooms. I mean, you have three uptake rooms, you may
22 assume in your design that you're going to have them
23 equally disbursed, but as you know from a lot of
24 permits, this is our favorite room --

25 CHANTEL CORBETT: It's closest to whatever,

1 yeah, exactly.

2 ADAM WEAVER: They don't have to walk as far.

3 MARK SEDDON: -- because it's closest -- they
4 have a lot of patients in there. So some of those
5 assumptions would not be accurate. To actually
6 having them, you know, putting the address up or
7 making measurements actually during --

8 CHANTEL CORBETT: And rooms change, you know.
9 Like the initial design says on the other side of
10 this wall, it's a supply closet. Well, a year
11 later, they decide oh, that's the best place for a
12 reading room and the doctors are going to sit there
13 all day. So --

14 REBECCA McFADDEN: It's an office.

15 GEORGE GILBRIDE: Oh, that's okay.

16 CHANTEL CORBETT: I know. I mean, if their
17 badge -- if you badge the room, I mean, and test
18 things, yes, but you know what I mean?

19 ADAM WEAVER: They're in the dark anyway.

20 CHANTEL CORBETT: It's just, this opens up, I
21 think, more liability on the State reviewing, in
22 some ways, like just not knowing exactly what you're
23 wanting us to submit and having it routine across
24 the board.

25 ADAM WEAVER: They want the MOP to be updated

1 every year, so --

2 CHANTEL CORBETT: Right. And we've done the
3 MOP and the MOP goes in with the paperwork on the
4 renewal every time, so, yeah. So that's, that's --
5 it's still up, kind of in a fluid state at this
6 point. But just FYI, I mean, I thought it was going
7 only on new licenses going forward. But then it
8 came out --

9 GIOVANNA MANNING: It's going back.

10 CHANTEL CORBETT: It's on every routine --

11 GIOVANNA MANNING: Renewals.

12 CHANTEL CORBETT: -- renewals. They're holding
13 renewals if it's not done properly. So then we're
14 having to get extension letters, which pharmacies
15 don't really care for.

16 ADAM WEAVER: They don't like that.

17 CHANTEL CORBETT: They are supposed to accept
18 them, but you know, they give us a hard time on
19 those too. So, you know, that's --

20 REBECCA McFADDEN: And so this is all part of
21 when you're doing the licensure for an actual lab?

22 CHANTEL CORBETT: Correct, but only for PET so
23 far.

24 REBECCA McFADDEN: Only for those facilities
25 performing the PET?

1 CHANTEL CORBETT: Yeah.

2 GIOVANNA MANNING: That's what I noticed.

3 REBECCA McFADDEN: So not all.

4 GIOVANNA MANNING: No, not all.

5 CHANTEL CORBETT: I mean, if it's a truly a
6 member of the public thing, it should be for all
7 licenses, not just PET.

8 REBECCA McFADDEN: Well, what's the difference
9 between the --

10 CHANTEL CORBETT: Higher energy.

11 REBECCA McFADDEN: It's the higher energy?

12 ADAM WEAVER: Much higher energy.

13 REBECCA McFADDEN: You answered my question.
14 Thank you. The nonnuclear tech over here asked that
15 question.

16 ADAM WEAVER: Heavily shielded rooms.

17 CHANTEL CORBETT: No, no. Like I said, I asked
18 for the regulation.

19 REBECCA McFADDEN: It's the F -- what's the --

20 CHANTEL CORBETT: F18 for the most part, yeah.

21 REBECCA McFADDEN: Gotcha.

22 CHANTEL CORBETT: But, yeah, that's why I asked
23 for the regulation because I thought maybe it was
24 something that changed that I missed. No, it was
25 just the generic protection of the public from

1 radiation.

2 Then the other catch is, you know, shielding
3 design doesn't allow you to take away background.
4 So if we do a measurement on an MOP with the
5 background, it still says you're getting this but
6 that dose would be -- you would be getting it even
7 if there was no nuclear facility there. So, you
8 know, do you take -- can you take that away when you
9 do your surveys and say, look, there's nothing
10 additional besides environmental? You know, so you
11 know, that's another question, too.

12 GEORGE GILBRIDE: So is the concern that once
13 the patient is finished with the procedure and
14 they're out in the public, is that what the concern
15 is?

16 GIOVANNA MANNING: That was my understanding.

17 CHANTEL CORBETT: But that's not what's been
18 passed.

19 GIOVANNA MANNING: But that's not what's been
20 happening. That was my understanding. And that's
21 how I gathered it, so --

22 CHANTEL CORBETT: Yeah.

23 MARK SEDDON: That's the release criteria like
24 for iodine patients. Early release. That's a whole
25 different thing.

1 CHANTEL CORBETT: Correct.

2 MARK SEDDON: This is design --

3 CHANTEL CORBETT: Even with iodine patients,
4 now with an early release criteria --

5 GEORGE GILBRIDE: I'm even thinking about
6 therapy when you treat them with the --

7 REBECCA McFADDEN: So they want to know what
8 you're doing with these hot patients.

9 CHANTEL CORBETT: Yeah, but see, that's my
10 problem, like, that's her understanding, but that's
11 not what's been relayed to us. So that's the
12 question. Because we've had to literally submit
13 drawings of the facility and what the surveys are on
14 the other side of the rooms in the next -- like, for
15 instance, my one client has a Chinese restaurant
16 next door that borders that wall. So literally,
17 thank goodness, the tech has worked there forever
18 and knows the owners of the Chinese restaurant. So
19 he says, can I come over and bring a survey meter
20 into your kitchen, you know. And they're like,
21 okay. Okay. I guess if you want. You know,
22 whatever. So I mean, it was background.

23 But, you know, it's just one of those things
24 that a lot of these tenants -- like, hospitals, it's
25 not a big deal. They own the whole building. But

1 when you get into the multi-mixed tenant buildings,
2 it's going to be hard to do that because some people
3 are not going to let you get in to get measurements
4 and they're not going to be as understanding.

5 REBECCA McFADDEN: What about the mobile PETS
6 that show up once a week in some of these practices,
7 too?

8 GEORGE GILBRIDE: That was what I was just
9 going to ask about.

10 CHANTEL CORBETT: Yeah, mobiles are whole
11 another animal.

12 GEORGE GILBRIDE: Whole 'nother breed.

13 ADAM WEAVER: And they're supposed to do
14 surveys before they start.

15 CHANTEL CORBETT: Yep. Right. And they're
16 supposed to have cones out and all those things,
17 yeah.

18 ADAM WEAVER: Yeah. Designate them as a
19 restricted area.

20 CHANTEL CORBETT: Yeah. It's definitely going
21 to get more complicated before it gets simple.

22 CINDY BECKER: So Chantel, you said your
23 clients have been conversing with different
24 evaluators --

25 CHANTEL CORBETT: Yeah.

1 CINDY BECKER: -- and getting their feedback?

2 CHANTEL CORBETT: Yeah, we've got Kevin and Joy
3 and Rowena.

4 CINDY BECKER: Okay. So our group needs to get
5 together and at least help you guys come up with
6 some kind of consistent plan in what we're actually
7 looking for.

8 CHANTEL CORBETT: Yeah. I mean, I don't think
9 anybody minds doing it.

10 CINDY BECKER: Right.

11 CHANTEL CORBETT: It's just I don't want, you
12 know, all the different groups having to submit
13 different things, and if it's as simple as doing
14 some surveys --

15 CINDY BECKER: Right.

16 CHANTEL CORBETT: -- that's wonderful. If
17 you're saying we're going to have to go back and do
18 shielding integrities or all these crazy
19 measurements that takes hours of time, then that's a
20 whole another animal.

21 ADAM WEAVER: You just want the consistency
22 between --

23 CHANTEL CORBETT: Yeah. Right.

24 CINDY BECKER: The consistency and one of the
25 things, you know, we are regulated by the Nuclear

1 Regulatory Commission will come and do audits of our
2 programs. I remember bits and pieces of this kind
3 of coming with Part 37 when they were last doing our
4 full audit.

5 CHANTEL CORBETT: I figured this is what
6 triggered it.

7 CINDY BECKER: I think is what triggered it and
8 so I think Giovanna, we'll take it back and we'll
9 get together with the group, because I -- they're
10 coming back in June to do a mid, kind of oversight
11 look at us. They'll do the full-blown audit
12 probably next May or June, 2023 -- 2022.

13 CHANTEL CORBETT: I mean, I guess the other
14 question that came up was that they are very
15 assumptive that the x-ray section is getting the
16 shielding design submitted for every time a CT gets
17 put in and I don't think that's the case, either.
18 Yeah.

19 ADAM WEAVER: No.

20 CHANTEL CORBETT: So I was like, to my
21 knowledge, no. But I am glad I see agreement
22 because I didn't think that that was the case,
23 either. That was kind of what prompted -- they've
24 always been taking care of the CT side of the
25 shielding, but we now need to take care of the PET

1 side. So I think there's some miscommunication on
2 that as well.

3 CINDY BECKER: Right. Right. Well, thanks for
4 bringing that up because --

5 CHANTEL CORBETT: No problem.

6 REBECCA McFADDEN: She always has good stuff to
7 bring to the table. Give her six months and you've
8 got something good.

9 CHANTEL CORBETT: If you have the fun clients I
10 do.

11 REBECCA McFADDEN: You do. You have good stuff
12 that comes up.

13 CLARK ELDREDGE: I think some of that is from
14 accelerators and making the products. That's where
15 that's --

16 CHANTEL CORBETT: Yeah.

17 CLARK ELDREDGE: -- because we've been getting
18 the shielding reports for the cyclotron system.

19 CHANTEL CORBETT: Yeah. For, like, bulbs and
20 all that kind of stuff, yeah.

21 CLARK ELDREDGE: That's what they required.

22 CHANTEL CORBETT: If everything was three feet
23 of concrete, we'd be all good across the board.

24 ADAM WEAVER: It doesn't work well in the
25 ceilings.

1 CHANTEL CORBETT: No, not so much. But thank
2 you guys.

3 GIOVANNA MANNING: Okay.

4 DR. RANDY SCHENKMAN: So is that --

5 GIOVANNA MANNING: That's it.

6 DR. RANDY SCHENKMAN: Okay. Anybody have
7 anything else to add?

8 JAMES FUTCH: Who can top that? Come on.

9 REBECCA McFADDEN: No one. Chantel, hands
10 down.

11 CHANTEL CORBETT: Sorry.

12 DR. RANDY SCHENKMAN: Okay. So now we're going
13 to go on to our Superficial Radiation Therapy for
14 Dermatological Care.

15 DR. LIO YU: Before we do that, I'm going to
16 switch chairs. This chair is a little tilted.

17 CLARK ELDREDGE: I do have a little history
18 here. So in the course, the Council here had a
19 presentation or discussions, I should say, in 2013
20 and 2014. And in 2013, Dr. Williams had brought a
21 concern up to Council on exactly what's -- what the
22 training is, what's the knowledge base for the use
23 of SRT therapy machines.

24 At that point in 2014, Dr. Cognetti did present
25 on his history and his experience using a wide range

1 of radiation, visible light infrared up to SRT in
2 his practice as a dermatologist. Ultimately,
3 looking at the notes, what came out of it is that we
4 want more information. That's what the Council
5 said.

6 There was a little follow up in September of
7 2014, but it was briefly mentioned in the meeting
8 notes and nobody, you know, did the true follow up.
9 So this is part of that to follow this up.

10 When I did my own search to try to find what
11 are any sort of dermatological practice standards or
12 credentialing for dermatologists, I couldn't find
13 anything in my internet searches, but you know, I
14 can't say that that's the end all be all of
15 anything.

16 While the bylaws of the American Board of
17 Dermatology do say that they have set requirements
18 for, educational training requirements for
19 dermatologists, radiation physicists and radiation
20 therapy, nothing else on their site mentions
21 radiation. When you search for the word radiation
22 on their site, other than in their bylaws. And when
23 you look up their standards for oncology, et cetera,
24 that type of stuff, it all talks about surgery, Mohs
25 and things like that.

1 There is a document out there that is actually
2 published in the Journal of Clinical Anesthesiology,
3 Dermatology, Aesthetic Dermatology, if I can get it
4 out right. That is actually also posted on Sensus'
5 website. Then it talks about not necessarily the
6 qualifications and whatnot of the individual, the
7 dermatologists themselves, what they should know
8 ahead of time. But what's -- what type of treatment
9 you should be giving and what course of treatment
10 and things like that. That's that focus.

11 So there's several things that talked about out
12 there I was able to find that talked about clinical
13 practice, but nothing about who should be doing it,
14 how they should do it, what their backgrounds should
15 be; that type of thing, which if you look at our
16 other radiological, our therapy posts, there's
17 generally -- there's something about who's behind
18 the button.

19 The CRCPD, CRCPD, has no -- in their state --
20 suggested state regs, really makes no
21 differentiation on any type of radiation therapy,
22 the use of radiation oncology, radiation type of
23 stuff, you should have a gamut of therapists,
24 oncologists, medical physicists and the team working
25 on this.

1 Now, of course, in dermatology, it's not just
2 sarcomas, basal cells and whatnot. They're also
3 doing other skin conditions which don't respond well
4 to surgery. They will treat those with radiation as
5 well.

6 So looking this up, trying to find more
7 background for you all, whatever, you know. So
8 that's why it's important these folks are here today
9 to help us see -- explain what they are seeing in
10 their world.

11 So I appreciate you all coming today to talk to
12 us on this. Anything else I wanted to point --
13 currently, we do have on our registration, eight
14 Grenz Ray machines, one ultra voltage, 75 SRTs,
15 looking for use code rather than model name in our
16 databases. And the SRTs are currently all Sensus
17 and Xoft has also contacted the Department with
18 plans to market their EB IORT in an SRT mode because
19 they've got an add-on kit that converts it to an SRT
20 usage rather than electronic brachytherapy or
21 intraoperative radiation therapy. So -- anyway,
22 that's my --

23 JOSHUA SWINDLE: Great. Well, we appreciate
24 you guys and are grateful, you know, to be asked to
25 be present here. And, Clark, thank you for engaging

1 with me and we've been working with the Department
2 of Health here in Florida since early 2016 with our
3 model. We have about a dozen practice partners that
4 are here in the State of Florida that we work with.
5 We do have about 200 practice partners nationwide;
6 about 250 Board certified radiation therapists that
7 report to us.

8 And then let me make introductions. So this is
9 Dr. Lio Yu. He's a radiation oncologist that works
10 with SkinCure Oncology and our practice partners.
11 He's also the author or co-author of the largest
12 superficial radiotherapy study, clinical evidence
13 based study that's ever been, you know, achieved.
14 And that, that is from the place of service
15 dermatology with authorized users; dermatologists.

16 This is Steven Scott. Steven is our chief
17 operating officer of SkinCure Oncology. He also is
18 a Board certified radiation therapist with a long
19 history within free standing and hospital-based
20 radiation facilities.

21 So my name is Joshua Swindle, Board certified
22 radiation therapist. I oversee the practice
23 operation side for SkinCure Oncology. I really give
24 a lot of the leadership and support to our practices
25 and to our clinicians that are utilizing superficial

1 radio therapy.

2 So Steven, anything you wanted to add?

3 STEVEN SCOTT: Yeah. Again, we appreciate you
4 guys inviting us to be here today and ordering up
5 this amazing weather. This is just fantastic. We
6 appreciate it.

7 You know, one of the main reasons that we
8 decided to form SkinCure Oncology back in 2016 was
9 because we knew there were a lot of dermatologists
10 wanting to do this. And if you went out there and
11 looked at 100 different practices, you would
12 literally see 100 ways of doing things. So coming
13 from a hospital-based radiation oncology background,
14 what we wanted to do was create an environment that
15 was all about patient safety, right?

16 So since we knew how to do it in cancer
17 centers, we thought why couldn't we consolidate this
18 little model and make it work in a dermatology
19 space. So that's exactly what we did. And to date,
20 our practice partners have treated approaching
21 35,000 patients nationwide.

22 So, you know, there's no shortage of skin
23 cancer, right? Over 5 million new diagnoses every
24 single year. You guys, a big chunk of that is in
25 Florida, by the way.

1 (Laughter).

2 STEVEN SCOTT: Yeah.

3 REBECCA McFADDEN: It's the weather.

4 STEVEN SCOTT: And because of our background,
5 because of the folks that we knew, that's when we
6 decided to make all this happen. And so he's going
7 to get into a lot of the nuts and bolts of what
8 makes the program work. And Dr. Yu can talk a
9 little bit about the protocols that have now been
10 established and our, essentially, the nationwide
11 protocols being used specifically in image guided
12 SRT or IG-SRT.

13 But over and above the requirement for making
14 certain that the dermatologists who, in this case,
15 would be the authorized user, is going to be well
16 educated over and above the manufacturer's training.
17 And again, we're not the manufacturer. We don't
18 sell devices. They, they do a very comprehensive
19 training for these guys on the front end, right?

20 You know, Clark, as you mentioned, it's kind of
21 vague as to what you will find out there as far as
22 the resources for how these guys are trained. Forty
23 years ago, they all knew how to do it. They all had
24 these things in their offices and since they are the
25 gatekeepers and patients are self-referring there,

1 it's obviously really important that they get proper
2 training. So the manufacturer does training for
3 them and then we do training for them over and above
4 that with regard to appropriateness of use and, you
5 know, what patient is a good patient and what
6 patient is not a good patient for radiation. Making
7 sure that they understand all of that. How that's
8 all going to work. And Dr. Yu oversees our grand
9 rounds that happen on a weekly basis nationwide for
10 how they discuss more complex cases or something
11 that might be a little bit unusual.

12 So, you know, if you take anything away from my
13 part, which I promise I'll shut up because I know we
14 have a schedule to be on here. It is that this was
15 established, first and foremost, for patient safety.
16 Okay? We have very, very comprehensive radiation
17 protection programs. We certainly understand the
18 spirit and intent of CRCPD Part X, which basically
19 everyone has adopted, and what needs to happen so
20 that everybody feels confident that somebody has not
21 just gone off the reservation and is doing something
22 out there maybe possibly hurting a patient, or
23 operating in an unsafe way, where we have mechanisms
24 that, you know, use record and verify systems, use
25 medical physicists, have radiation oncologist

1 oversight, again, weekly grand rounds. Looking at
2 everything and anything that needs to be addressed
3 so that when you guys do provide authorization for
4 an authorized user and grant that registration,
5 hopefully you guys feel very comfortable on what has
6 been submitted to you on behalf of that practice.
7 Knowing they have initial training and as much
8 ongoing training as they would like some of the
9 states out there do require the authorized users,
10 dermatologists in this case, to have annual
11 retraining again. And that's something we provide
12 to any of our practice partners who want this.

13 We only use the best of the best technology.
14 That is the Sensus SRT-100 Vision unit, which is
15 image guided. It has a record and verify feature
16 built into it.

17 Again, we have medical physicists on board as
18 well. We have two full time; we have two part time
19 and then we have a handful that are contractors so
20 that we have some overlap and some continuity of
21 care just in case something has to be done. Every
22 chart gets checked every fifth fraction. Every
23 patient's calculations get checked by a third
24 fraction. You know, just exactly like you would see
25 in a cancer center and making certain, again, that

1 these dermatologists are really well versed. They
2 really know what they're doing and, in fact, from
3 our perspective, if we see a dermatologist operating
4 in an unsafe fashion, obviously we would bring that
5 to their attention. And if they, if they won't
6 change their ways, if you will, we divorce ourselves
7 from them. We won't be associated with the practice
8 that's not going to do it right.

9 We're also really, really stringent on
10 reporting of any misadministrations, right? And
11 some of the states have actually been quite
12 surprised when we know there was a misadministration
13 and we made certain it was reported and a corrective
14 action plan was put into place. I'm very happy to
15 say, over those 35,000 patients that have been
16 treated, there's only been five or six
17 misadministrations in the entire country, but all of
18 those were followed up accordingly; additional
19 safety procedures were put into place to make
20 certain that, you know, hopefully that never
21 happened again.

22 But that's a real high-level overview of how we
23 came up with the thought process for developing
24 SkinCure Oncology and with that, I'm going to turn
25 it back over to Josh. Go ahead and roll through the

1 PowerPoint.

2 If you guys have any questions during any point
3 of this, please raise your hands. We'll be happy to
4 address them. But for the sake of time, we'll get
5 it rolling.

6 JOSHUA SWINDLE: Great. Thanks, Steven, and
7 yes, please, feel free interrupting. I do want to
8 breeze through the PowerPoint relatively quick so we
9 can save some time for conversing.

10 As far as our mission goes, it's "to empower
11 patients and dermatology practices by providing the
12 highest level of education and expertise needed to
13 deliver superior outcomes for non-melanoma skin
14 cancer." I think that really aligns with the
15 Florida Department of Health's mission, which is to
16 protect, promote and improve the health of all
17 people in Florida through integrated state, county
18 and community efforts. So our missions are very
19 much aligned. It's having accessibility to patients
20 and making sure that it's done in a safe manner.

21 As far as the floor of our model, we really
22 have a cancer center model. You know, the three of
23 us come from free standing and hospital-based cancer
24 centers, so that's all we know. How to provide a
25 really appropriate radiation protection program

1 within the dermatology space under the supervision
2 of a dermatologist.

3 So part of that program, obviously, is
4 radiation safety officers. Radiation facility
5 protocols. Utilization of a Board certified
6 radiation therapist. In this case, also state
7 licensed within the State of Florida. To beam on
8 under the supervision of the physician. Medical
9 physicists, as Steven mentioned, that's just not for
10 initial and ongoing calibrations, but we use our
11 medical physics team for quality assurance on the
12 technology throughout, you know, operations as well
13 as quality assurance on the patient prescriptions.

14 And then access to radiation oncologists. We
15 have Dr. Lio Yu. He works very close with our chief
16 medical officer that is a Mohs surgeon out of Texas.
17 They are constantly reviewing outcomes; they are
18 constantly reviewing protocols. They provide a
19 weekly grand round that is hosted by them; that is
20 accessible to all of our practice partners;
21 mandatory for all of our radiation therapists to
22 attend.

23 There's times that, you know, maybe I'll have
24 Dr. Yu speak on this, but the presentations are done
25 to where very difficult cases that, you know, you

1 could have a, you know, clinical outcome jeopardized
2 by not providing the best protocol.

3 So, Dr. Yu, do you want to speak on some of the
4 interesting cases that have come across at grand
5 rounds and why that's beneficial to our practices?

6 DR. LIO YU: Yeah. Sure. So first of all,
7 thanks for inviting us. And just to give you a
8 little background, I've been a radiation oncologist
9 for almost 30 years, so I've treated all kind of
10 cases. A lot of cancer cases. Mostly really
11 advanced cases. Because the dermatologists always
12 send the train wrecks to the radiation oncologists.
13 The other ones, everybody gets cut. The early stage
14 cancer patients, they get cut and I feel that's
15 unnecessary surgery.

16 So for about twenty plus years, I've been
17 trying to convince the dermatologists that radiation
18 works really well. There's no scar. So I was
19 really thrilled when SkinCure Oncology had this
20 endeavor and I saw the model was excellent. They
21 take the cancer center model and applied it to the
22 dermatology world.

23 So we got to -- part of my responsibilities,
24 besides doing -- helping them with some research,
25 which is education, weekly grand rounds that we run.

1 We have the therapists from the different practices
2 present difficult cases. And, and these cases are
3 important because sometimes, they don't realize that
4 there could be a pitfall. For instance, you have
5 overlapping beams. If you're treating one side of
6 the nose, the other side of the nose, you know, even
7 though it may be three months later, it could be a
8 problem with the septum getting the necrosis because
9 you're getting maybe double the dose or, you know,
10 extra dose that you shouldn't be. Or contour
11 differences. Sometimes they have the nose going
12 into the cone and it goes in several centimeters,
13 and they don't realize, oh, the tip of the nose is
14 actually getting 200 percent of the doses.

15 So, so these things are important to point out
16 because it's not always obvious. So, so it's really
17 nice to have a venue where they can, on a regular
18 basis, ask their questions. And the people who are
19 listening, they, they realize that if they get the
20 same situation, they know what to do.

21 JOSHUA SWINDLE: And as Steven mentioned, our
22 practice partners have treated over 35,000 patients
23 to date with a 99.3 percent cure rate. That was in
24 a recently published study that Dr. Yu was a
25 co-author on.

1 And satisfaction, you know, patient
2 satisfaction is, is really critical. And that's
3 exceeding 99 percent. Patients love having this
4 option. It is new; it is innovative. There's a
5 huge adoption right now within the dermatology space
6 because there's a big need. You know, 5.4 million
7 cases diagnosed on an annual basis that, you know,
8 requires treatment. And the majority of those
9 patients have been receiving surgery as their sole
10 treatment or if they don't want to have surgery or
11 they've come too late in the game, they're having
12 such an advanced case that they're requiring a mega
13 voltage style radiation treatment and possibly even
14 systemic treatment.

15 So when I was speaking with Clark about where
16 we could, you know, come in and help -- and we love
17 to be an industry expert and, you know, give any
18 sort of guidance that we can to the State of
19 Florida -- I look at this as far as risk versus
20 benefit. You know, what are the risks of this being
21 within the dermatology practices? And the risks
22 right now, from what I can perceive on some
23 practices that we, we have come across is, you know,
24 radiation protection programs. What do the
25 inspections look like from the Department of Health?

1 What do the radiation protection programs look like
2 for their ongoing operations? We always say that
3 the radiation protection program binder is really
4 kind of the Bible of the program. And it's a good
5 look into what the practices are really doing on an
6 annual basis.

7 Quality assurances. You know, what quality
8 assurances are in place to make sure that the safety
9 and efficacy is there? Who are your authorized
10 users? Are we using appropriate clinicians for the
11 delivery? Are we using appropriate clinicians as
12 the authorized users? What is the training and
13 then, the biggest risk is that we button the
14 regulatory up too tight to where it's inaccessible
15 to people of Florida. Obviously, Florida has a
16 large need for this particular cancer.

17 So benefits of it being in the dermatology
18 setting is the incidence. There's a large incidence
19 of these skin cancers that require a non-surgical
20 solution. It's a place of service that it's
21 diagnosed. If it's not accessible within that place
22 of service, more than likely, the patients are going
23 to have one option and that's surgery.

24 There needs to be a safe and non-surgical
25 solution there. So with the appropriate model, you

1 can have a safe and effective delivery of
2 superficial radiotherapy services.

3 So the technology and training and safety, this
4 is, you know, the particular superficial unit that
5 SkinCure Oncology utilizes. There are other
6 manufacturers out there. Sensus Health Care has a
7 couple of different types of technologies. This
8 third-generation technology really provides the
9 highest level of care and safety measures from our
10 perspective.

11 So this is the SRT-100 Vision unit that is
12 manufactured by Sensus Health Care. And as far as
13 the unit goes, this particular unit does have an
14 onboard dosimetry program. It has a cloud-based
15 electronic health record that allows our medical
16 physics team to do reviews on those prescriptions
17 that are in place. It allows them to do reviews on
18 the daily checks that the radiation machine goes
19 through on, on, you know, for quality assurance and
20 quality checks. And then it has record and verify,
21 just like you would find at a health center
22 environment. It has a verification that what was
23 delivered yesterday is being delivered today. So
24 again, multiple safety measures in there.

25 The therapist does a warm up on the technology

1 and if it's outside of any sort of thresholds, the
2 technology will not allow the therapist to beam on.
3 So, again, as far as the technology goes, we believe
4 that it is the highest level currently and it
5 provides the most safety measures.

6 So, and then the training. What training is
7 being completed? Steven had talked about the
8 manufacturers providing training to the
9 dermatologists prior to, you know, being able to
10 utilize the technology. And then we really take it
11 a step further and do an extensive clinical training
12 with, you know, the subjects of radiation safety,
13 physics, the manufacturer's training I mentioned,
14 clinical applications, user training and really best
15 practices. So those are the training environments
16 that we, we, you know, spend the most time in.

17 There is ongoing training that is accessible to
18 the dermatologists and to the practices as needed.
19 And as Steven mentioned, there are some states that
20 do require that annual, you know, refresher
21 trainings or annual hours are submitted for, for
22 training.

23 So as far as assurances on the safety and
24 efficacy, really, our radiation protection binders
25 and our programs that -- there's a monthly

1 checklist; there's an annual checklist. There's
2 specific dates that must be accomplished in each of
3 our programs.

4 So the clinicians that we, we believe are most
5 appropriate would be a Board certified radiation
6 therapist licensed within the State of Florida to
7 deliver the treatment under the supervision of a
8 physician and/or a physicist to deliver the
9 treatment. Those are the two individuals that we
10 find to be the most appropriate. And then having
11 that medical physics support that we've mentioned
12 several times on the quality side.

13 You know, as far as physics goes within the,
14 you know, superficial realm, superficial is still
15 delivering therapeutic doses of radiation. It's
16 very high doses of radiation and there is, you know,
17 potential danger and having that medical physicist
18 as a safeguard and doing those spot checks, spot
19 checks are critical. That's what allows us to catch
20 things before things could occur in the
21 misadministration.

22 As far as our protection program, I'm not going
23 to read through each of these, but these are the
24 items that we cover extensively with our programs.
25 We have, you know, again, processes and safeguards

1 in place to make sure that these things are reviewed
2 quite frequently so that when the Florida Department
3 of Health walks in, it does an inspection, the
4 inspection goes extremely smooth and easy and we
5 know that our patients are being treated
6 appropriately.

7 JOSEPH DANEK: I've got a question for you.

8 JOSHUA SWINDLE: Yes, sir.

9 JOSEPH DANEK: I noticed you had film badge
10 reports on there. Do you use film badge rather than TLD,
11 thermoluminescent dosimeters or OSL? Is the film badge
12 the method used for personnel monitoring? Why film badge?

13 CHANTEL CORBETT: No. It's probably GSLDE.
14 It's just a generic.

15 ADAM WEAVER: I think it's just radiation
16 dosimetry.

17 STEVEN SCOTT: It's just personnel monitoring.

18 CHANTEL CORBETT: Yeah.

19 JOSEPH DANEK: Well, it's personnel monitoring,
20 but it's probably not film badge.

21 CHANTEL CORBETT: It's not true film anymore.

22 STEVEN SCOTT: No.

23 JOSEPH DANEK: Yeah, right.

24 STEVEN SCOTT: So if -- there are a couple
25 states that actually require us to do an annual TLD

1 reading output on the machine separate and
2 independently, so obviously, we take care of that as
3 well.

4 JOSEPH DANEK: Okay.

5 STEVEN SCOTT: We actually are kicking around
6 now, moving to the new electronic personnel
7 dosimeters. It's just a hell of a lot cheaper, but
8 that probably will be something we move into next
9 year.

10 JOSEPH DANEK: Okay. Thank you.

11 WILLIAM ATHERTON: Also a Question on the
12 shielding, so these are going -- you're trying to
13 put them in dermatologists' offices. How is -- does
14 it -- is it designated in one room and then how, how
15 do you do the shielding for that room? Is it
16 usually extensive?

17 ADAM WEAVER: Does it require shielding?

18 JOSHUA SWINDLE: It does require shielding.
19 So, yes, it is done within, you know, a
20 free-standing physician office. Typically, the, you
21 know, size of the room is ten by ten or an exam
22 room. The shielding is created by our medical
23 physics team. So our medical physicist will look at
24 the output of the technology, the expected run time,
25 utilization of it, and they will create a shielding

1 report that then is submitted to the State.

2 And then we have a team that all they do is
3 build outs for, for this particular instance. They
4 use lead-lined gypsum board that they would come in
5 and they would lead line and create a superficial
6 vault.

7 WILLIAM ATHERTON: Physically alter the room.

8 JOSHUA SWINDLE: They create a little micro
9 vault. So it is lead-lined gypsum board, though.
10 And then medical physics, upon that initial
11 calibration, would come in and do any sort of area
12 surveys and, and make sure that there's no leaking.

13 DR. NICHOLAS PLAXTON: Is it gamma radiation?

14 ADAM WEAVER: X-rays.

15 JOSHUA SWINDLE: It's X-rays. Electronic, yeah.

16 WILLIAM ATHERTON: Are there any safeguards --

17 DR. NICHOLAS PLAXTON: Scanner. Same thing.

18 ADAM WEAVER: Photon.

19 WILLIAM ATHERTON: Is there any safeguard -- so
20 that machine looks mobile to me. Is there any
21 safeguard with the machine staying in the room?

22 JOSHUA SWINDLE: The machine does stay in the
23 room. Within our practice partners, there are some
24 practices that might move their machines from
25 facility to facility. We, you know, we think that

1 having it in one room is best. And make sure that
2 the machine isn't jostled around and that it falls
3 out of calibration or safety.

4 It is mobile within the room. So you have some
5 wiggle room to move it.

6 ADAM WEAVER: So you can stick it in a corner
7 when you're not using it?

8 JOSHUA SWINDLE: Exactly. It stays within that
9 exam room.

10 MARK SEDDON: How would you guys say your RPP
11 compares to, like, the standard in the industry for
12 dermatology offices as far as physicists? Yours is
13 pretty elaborate involving oncology and physicists
14 and, you know, qualifications. Is that what you
15 would consider standard for a lot of the dermatology
16 offices that have Sensus?

17 JOSHUA SWINDLE: I would, I would say probably
18 not.

19 MARK SEDDON: Right.

20 JOSHUA SWINDLE: We have adopted practices that
21 have been stand alone prior to our existence. And
22 they have asked us to come in and aid with their
23 radiation protection program and essentially convert
24 to our model. Part of that conversion is taking a
25 look in the closet and, you know, finding out what

1 we can do to improve the safety standards and the
2 radiation protection program.

3 Again, with you know, Steven, myself, Dr. Yu
4 coming from hospital based and free-standing cancer
5 center, we wanted to create a standard of care that
6 is essentially the same within those settings but
7 within the place of service dermatology.

8 MARK SEDDON: So for, for Clark, you asked him,
9 so for the other -- not these guys, but other
10 facilities that use SRT in Florida, do you, do they
11 submit the shielding designs to you folks?

12 CLARK ELDREDGE: They have to use surveys.
13 Well, our codes cover -- we have above -- we have a
14 code for over MeV, under MeV and brachy, right? So
15 under MeV, we require surveys. Post whatever -- we
16 don't require pre-submission of pre-designed plans.
17 We do require pre-designed plans in the MeV and
18 above facilities for therapy. So -- but they do
19 have to have -- they have to do a post build-out
20 survey, showing that they're going to --
21 calculations to show they're going to keep public
22 doses down, et cetera.

23 MARK SEDDON: Right.

24 ADAM WEAVER: What's the typical energy, the
25 x-rays, being generated?

1 JOSHUA SWINDLE: Grindstone 100kV with this
2 technology. So the typical energies that are
3 utilized with non-melanoma skin cancer treatment
4 would be 50, 70 and 100kV.

5 ADAM WEAVER: Does it vary the energies during
6 treatment or are you looking for the different
7 depths?

8 JOSHUA SWINDLE: It can vary. So one of the
9 benefits of having the image guidance component,
10 which is an ultrasound-based imaging, is you can
11 provide an adaptive radiotherapy approach. So if
12 you see a significant change in the lesion depth or,
13 you know, need for an adjustment in the energy, that
14 can be done in realtime.

15 MARK SEDDON: And is that decision made by the
16 therapist?

17 JOSHUA SWINDLE: By the authorized user
18 physician.

19 MARK SEDDON: The physician.

20 JOSHUA SWINDLE: So the radiation therapist,
21 just like you would find in a cancer center
22 environment, they would do the imaging and any
23 adjustments to protocol would be decided by the
24 physician. So the authorized user physician would
25 say, you know, based on the imaging, yes, we do need

1 to adjust our protocol to X.

2 MARK SEDDON: Okay. But you wouldn't have --
3 you don't have direct physicists to change plans.
4 It would just be --

5 JOSHUA SWINDLE: There's direct access to the
6 physicists, but the authorized user is the
7 prescribing, you know, physician in this case.

8 MARK SEDDON: Right.

9 REBECCA McFADDEN: Do the dermatologists get
10 additional certifications from a dermatology
11 standpoint?

12 JOSHUA SWINDLE: Say that one more time.

13 REBECCA McFADDEN: If the dermatologist is the
14 one who's prescribing and you're saying that he's an
15 authorized user, does -- would he require additional
16 certifications in order to do that from a
17 dermatology standpoint?

18 STEVEN SCOTT: NO, not additional
19 certification, no. No. As physicians are the
20 healing arts, you know, they do get some of this
21 exposure in school. Some of the older docs that are
22 out there, the old-school guys, they know a hell of
23 a lot about this.

24 REBECCA McFADDEN: Right.

25 STEVEN SCOTT: The younger guys, not so much,

1 right? But what you're seeing is a lot of the
2 younger guys coming out of school now wanting this
3 because they've seen how great the outcomes are and
4 now with the third-generation technology, a lot of
5 them are wanting to adopt it.

6 But, you know, to your point, what we don't do
7 is, we don't just say, well, you've had the
8 manufacturer's training. You've been deemed an
9 authorized user by the State. Good luck. No.
10 There's quite a bit of work that goes in to make
11 certain that they understand what is clinically
12 appropriate and what is not.

13 MARK SEDDON: The gap, right, would be the
14 clinical radiation oncology, radiation biology piece
15 is that most of them do not have and the training.

16 JOSHUA SWINDLE: And we have the luxury of
17 having the support from, you know, kind of that
18 mile-high view that anything that is not, you know,
19 within a pretty little box, that that can be
20 submitted and peer reviewed by multiple physicians.
21 We do have, you know, Dr. Yu. We also have another
22 radiation oncologist that works with us and we have
23 several dermatologists that have been doing this for
24 a long period of time.

25 REBECCA McFADDEN: Right.

1 STEVEN SCOTT: And sometimes we do involve the
2 medical physicists depending on what the set up
3 might look like. It might be an unusual set up we
4 need some help with. You know, maybe because of the
5 obliquity of the beam or, you know, because the
6 lesion is changing so much in realtime. You know,
7 back to your point. This is not like treating a
8 lung or, you know, prostate or something. I mean,
9 you see significant changes, quite literally, on a
10 daily basis.

11 The other thing, too, is because the technology
12 does have the ultrasound capability, it also has a
13 Doppler feature, which is pretty amazing because,
14 yes, we want to make necessary adjustments to the
15 lesion as a doctor prescribed, but by the same
16 token, you also want to look at that subdermal layer
17 and see what's going on from a vascularity and
18 repopulation perspective. Unfortunately, the
19 practices that don't have image guidance have to
20 make a call. I'm going to use 50, I'm going to use
21 70, I'm going to use a hundred. Why? Well, because
22 that's what I'm comfortable with.

23 This is actually prescribed to a depth based on
24 the imaging on the front end and then they can watch
25 it, because there's no need to over radiate, right?

1 Just because the doctor has prescribed 5600, you
2 know, doesn't mean you have to give 5600 with 100kV,
3 right? Because you're going to blast it. But you
4 may have a spiculation that goes off obliquely from,
5 from the dermal layer that is into some of that
6 dermal fat that needs to be taken care of. So we do
7 make adjustments in the energy and the daily dose.

8 And then there's also the consideration of the
9 normal granularization of tissue down below all of
10 that because you don't want to just destroy that
11 tissue in the process. It really is the best of all
12 worlds.

13 WILLIAM ATHERTON: I have a question just on
14 the selection of lesions; how that works. Like are
15 these, does it have to be, like, a biopsy-proven
16 cancer before they use this?

17 STEVEN SCOTT: Yes.

18 WILLIAM ATHERTON: It's not like, that's a
19 suspicious mole, let's use this.

20 STEVEN SCOTT: No, it doesn't work like that,
21 no. Very, very rarely would you have a case that
22 needed to be treated without a biopsy. It would be
23 just like you would see in a cancer center. Every
24 once in a while that does happen, right?

25 But, no, no. All these patients are going to

1 have positive pathology. The doctor has looked at
2 it. It's actually fairly easy to look at skin under
3 a chromatoscope and kind of know right away when you
4 see the pearly edged, yeah, this one is probably
5 going to come back positive.

6 The only one that falls outside really are
7 keloids, right? The radiation is incredibly
8 effective for keloids. I'm an old-school radiation
9 therapist since the 80s. I've treated, I don't know
10 how many keloids. I've never had one come back.
11 And so, you know, if any of guys have ever have a
12 family member or yourselves having ever dealt with a
13 keloid, it's awful. It's painful. It itches. It
14 causes adhesions. And so a lot of the practices are
15 utilizing radiation now rather than just injecting
16 it with Kenalog -- which we all know doesn't work --
17 and getting amazing results in controlling those
18 things. It just takes three fractions, about 18
19 grade, to knock them out.

20 DR. NICHOLAS PLAXTON: I just have an overall
21 question. It sounds like the patient has to come
22 for multiple visits, right? Like, what's the
23 typical treatment? Like, how many sessions do they
24 have to come to? Because it seems a lot more
25 complicated than just cutting it out and throwing

1 it --

2 JOSHUA SWINDLE: Yes and no. I mean, the
3 method is, surgery is one done, right? But there's
4 also post-op wound care.

5 DR. NICHOLAS PLAXTON: Right.

6 JOSHUA SWINDLE: There are several factors that
7 are in there for surgical incision, especially a
8 very advanced surgical, you know, procedure such as
9 Mohs.

10 So as far as the treatments, they're, you know,
11 typically delivered three to four times per week.
12 The sessions are anywhere from, you know, ten to
13 fifteen minutes depending on the quantity of lesions
14 or the complexity of the set up. But the patients
15 are able to walk right in; walk right out. And, you
16 know, three to four treatments per week over five to
17 six-and-a-half weeks.

18 DR. NICHOLAS PLAXTON: So it's a time
19 commitment then.

20 JOSHUA SWINDLE: It's a time commitment. The
21 majority of patients that are getting diagnosed tend
22 to be in a retirement stage.

23 DR. NICHOLAS PLAXTON: Sure.

24 JOSHUA SWINDLE: Luckily, what are they going
25 to do spending their time? They actually enjoy

1 having, you know, that routine physician visit.
2 They -- it gives them something to do; gives them
3 some purpose for sure.

4 DR. NICHOLAS PLAXTON: It seems like the
5 complexity, though, would dramatically increase the
6 cost of this thing being treated than, you know,
7 just a dermatologist cutting it out. Like, what's
8 the cost difference? It seems like it would be
9 dramatic.

10 JOSHUA SWINDLE: As far as cost difference of
11 the, like --

12 DR. NICHOLAS PLAXTON: Yeah, radiation
13 versus --

14 JOSHUA SWINDLE: -- what the reimbursement
15 would be? Honestly, they're within the same playing
16 field. You know, when you really look at apples to
17 apples, you know, of surgeries that might require
18 reconstructive surgery, you know, any sort of
19 plastic involvement, any sort of, you know, poor
20 outcome from a surgical, you know, failed wounds,
21 and then you look at what little toxicity and little
22 complications there are with this particular device
23 and appropriate protocols and the quantity of
24 lesions that are treated at a time.

25 You know, the average lesion per patient is 1.7

1 lesions. And so, with radiation, we typically
2 treat, you know, up to three lesions at a time;
3 whereas surgery is done one at a time. So if you
4 look at a true cost comparison, they're really
5 within the same playing field.

6 CHANTEL CORBETT: And most insurance companies
7 are open to either option? Or --

8 JOSHUA SWINDLE: Sure. Yes. Most, most payers
9 are, you know -- I mean, the payers are payers. I
10 won't put anything on the record about payers,
11 but --

12 CHANTEL CORBETT: Right. Well, I know
13 sometimes they really try to steer towards --

14 JOSHUA SWINDLE: They do.

15 CHANTEL CORBETT: -- one or the other.

16 JOSHUA SWINDLE: The least expensive option
17 they can for patients. But, yes, most payers, both
18 federal and commercial, are reimbursing for, you
19 know, this particular service line.

20 STEVEN SCOTT: Yeah, but most of them now are
21 following the NCCN guidelines which have been
22 recently updated and radiation is a first-line
23 therapy now for non-melanoma skin cancer. So
24 obviously, we're selfish to what we do, but by the
25 same token, we think every patient ought to have

1 every option available to them and not be shoved
2 into one thing or the other.

3 DR. NICHOLAS PLAXTON: You were talking about
4 the elderly patients. Like, you know, I know, like,
5 surgery tends to -- you have problems with, like,
6 wound healing and whatnot. Like, does this -- has
7 there been a study showing this has, like, a better
8 outcome from that? Like, can you get, like, wounds
9 that are caused from this radiation that don't do
10 well, I guess, in elderly patients?

11 DR. LIO YU: Well, this -- the protocol that we
12 use is something that's kind of, in the radiation
13 oncology world, a middle-of-the-road type of
14 treatment. If you went to a cancer center, the
15 treatment would actually be much more, much more
16 frequently. Like five days a week and be about six
17 and a half, seven weeks. About 30 to 33 treatments.
18 Typically, it would be about 20 treatments, because
19 these are small lesions and they don't need to be
20 treated every day. So it's kind of a
21 middle-of-the-road situation.

22 Now, on the other end, you have some people
23 that are, like, in nursing homes and there -- they,
24 they want to be palliated quickly. They could be
25 given much faster fractionations. But it's the risk

1 of having some ulceration complications.

2 So in the study that we did about 3,000 cases,
3 the safety is excellent. In fact, only grade one,
4 mostly grade one arrhythmia; some hyperpigmentation
5 that occurs on these patients. Very rarely do you
6 have anybody who has even, you know, moist
7 desquamation. And I think it was like maybe one or
8 two cases out of the 3,000 that had a grade, like a
9 grade three toxicity.

10 STEVEN SCOTT: And we certainly have seen, in
11 some of the practices that we've been brought into,
12 patients that are coming in for follow up that they
13 treated, you know, two years ago before SkinCure
14 Oncology even existed kind of thing, and they were
15 really rushing the fractionation. They were doing
16 it in six fractions, maybe eight. The risk of, of
17 significant breakdown, ulceration, goes up
18 substantially. You start treating in 12 fractions
19 or less, you're going to see something greater than
20 20 percent of all patients end up on brach. And
21 some of those patients, sadly, will end up in
22 hyperbaric wound care and have to have constant
23 debridement. Those things just don't want to heal
24 if you get after it really fast.

25 But we also see a lot of complications on the

1 Mohs surgery side. Anything below the knee on an
2 elderly person, you know, is almost impossible to
3 heal. Most of these patients are on some sort of a
4 blood thinner. It's -- there's a lot of reasons,
5 good reasons to have radiation if it's done
6 appropriately. You know, and we're actually very,
7 very proud of the protocol that we support. It was
8 jointly developed with Dr. Yu's help as well, which
9 is what we think is a good balance. And that is,
10 you know, it's really difficult to tell a patient
11 who doesn't believe they're dying, that you've got
12 to come in 33 times, right? If that happens in a
13 cancer center, of course, the patient is going to
14 say, yeah, I'm coming in.

15 But to say to a patient, okay. We want you to
16 come in 30 times to your dermatologist's office,
17 even though 30 fractions would actually be safer,
18 right? We can all get behind that. It's a
19 difficult ask. And so stopping it at 20 is what the
20 radiation oncologists have felt comfortable with
21 that we can deliver a tumoricidal dose and have
22 very, very minimal number of patients that have bad
23 outcomes or end up on brach.

24 But it is interesting, like Josh mentioned,
25 that, that genre of patients, they're people kind of

1 people. They love to see folks and say hi and stuff
2 like that. They get actually very attached to their
3 radiation therapist and they get to where they enjoy
4 coming in and being seen. And it might be the only
5 opportunity they have in their life to not be
6 sitting in a room naked in a paper gown waiting an
7 hour and a half for the doctor to show up. They
8 literally drive right in, they come right back, they
9 get treated. It's, you know, it's a great quality
10 of life. It doesn't preclude them from doing
11 anything they want to do.

12 What comes to mind is a guitar player that I
13 treated years ago in Austin. He was very worried
14 about losing the use of his hand because that was
15 his livelihood. And so, you know, we did perform
16 radiation on it. He had an amazing outcome. He is
17 still performing live today. So it's not just for
18 people who have stuff on their face. Although we
19 can, I think we can all understand, you know, people
20 don't like scars on their face per se.

21 So a lot of patients do ask for this type of
22 treatment. And, you know, there's only a handful of
23 centers out there right now that are performing
24 IG-SRT. Hopefully that changes in the future and
25 it's available to anybody in any state.

1 JOSEPH DANEK: What's the typical treatment
2 dose? The range of dose treatment. I know it depends on
3 the cancer. But just typical cumulative total
4 treatment dose applied?

5 STEVEN SCOTT: Between 5 and 6,000 centigrade.

6 JOSEPH DANEK: Between what?

7 STEVEN SCOTT: Between 5 and 6,000. Usually
8 it's around 5400 to 5600 is usually the tumoricidal
9 dose delivered. Delivered at about 275 centigrade
10 per day, three to four days per week.

11 DR. NICHOLAS PLAXTON: The other question I
12 have is, like, with different modalities, especially
13 like the face, like I mean, I know they use, like,
14 immune therapy creams, right, for -- which
15 essentially is not going to leave a scar, either,
16 and you just apply that for, like, a month or two,
17 right?

18 DR. LIO YU: Well, it's not that simple. The
19 new targeted agents for basal cell are called
20 Erivedge and they have also one for squamous cell.
21 The response rate is, the complete response rate is
22 only about 40 percent. So even though they're using
23 that, it's not -- most of the cases, it's going to
24 come back. So even though they're getting it, they
25 still need to have primary treatment, whether it's

1 surgery or radiation therapy.

2 ADAM WEAVER: Follow-up treatment.

3 STEVEN SCOTT: Yes, sir?

4 WILLIAM ATHERTON: Do you see if there's any
5 risk being that they're -- it's a general
6 dermatologist, it's not a radiation dermatologist,
7 that there would be any pressure, financial
8 incentive or otherwise, for that dermatologist to --
9 is there a risk for him to start using it on more
10 and more lesions that maybe, maybe he doesn't
11 know -- maybe just to start overutilizing it?

12 STEVEN SCOTT: Obviously, that's always a
13 concern. You know, there could be overutilization.
14 That's why the clinical use appropriateness is such
15 a big part of the training we provide. That's why I
16 kind of lead into this segment with, you know, if
17 you went out there to 100 different practices that
18 are doing this, you'll get 100 different flavors of
19 what it looked like.

20 But what I will say is from what I have seen
21 for the most part, across all of these
22 dermatologists out there, whether they're, you know,
23 practice partners of SkinCure Oncology or not, is
24 you don't really see people doing it just for the
25 money. Honestly, they, they try to do what's best

1 for their patients overall. You know, that's why we
2 frown on Mohs surgery because if anything was
3 overutilized, it's Mohs surgery. And everybody just
4 gets Mohs surgery because they can.

5 So we think that there should be a balance, and
6 certainly, you know, I mentioned if we had a
7 practice that we partner with that was sort of off
8 the reservation, if we saw them sending every single
9 patient to just radiation, I mean, that would give
10 us pause, right? Because it really ought to be a
11 solid 50/50 mix. It should be the patient's choice,
12 not the doctor's. They should be presented all
13 options and say, okay. Here's what we can do. We
14 can freeze it with nitrogen and it's going to come
15 back. I promise you, every single time. Okay? We
16 can cut it out and, you know, maybe you have a scar
17 and maybe you don't. Maybe you end up with a big
18 flap or some large plastic surgery repair and maybe
19 you don't. And certainly there's are different
20 grades of Mohs surgeons out there. Some are really
21 good; some are not. Or you can have radiation, you
22 know, and here's the information.

23 In fact, one of the big pushes for this next
24 year is we believe that there should be a law that
25 says that every patient receive an actual informed

1 consent of all their options, even if it's not
2 something that that practice provides. They should
3 be able to look that patient in the eye and say,
4 here's what we do here, but there are other
5 alternatives as well.

6 WILLIAM ATHERTON: Thank you.

7 REBECCA McFADDEN: When you get that law
8 passed, do it for everything. Know all options.

9 JOSHUA SWINDLE: It should be done for
10 everything. Full informed consent is,
11 unfortunately, not fully completed.

12 STEVEN SCOTT: Unfortunately, it's not. How we
13 doing on time? We don't want to run them long.

14 DOUGLASS COOKE: We have about ten minutes.

15 STEVEN SCOTT: Dr. Yu, do you want to address
16 what was found in the study?

17 DR. LIO YU: Yeah. So basically, the -- it's a
18 multi-institutional study. It's a retrospective
19 study. We looked at about 3,000 cases and about
20 1600 patients. And these are Stage 0, 1 and 2
21 patients. So early in situ, squamous cell carcinoma
22 in situ lesions with full thickness atypia, which is
23 defined by NCCN as something that's suspicious. Not
24 just a very small, superficial lesion. Up to four
25 centimeters in size. Stage T2.

1 These lesions are treated pretty much
2 uniformly, about 20 fractions. They were given
3 three or four times per week and we analyzed the
4 results. So the control rate was excellent. About
5 99 percent. 99.3 percent to be exact. And we, we
6 broke it down in the paper of different histologies
7 and we also looked at the safety in terms of RTOG
8 toxicity. So it was overwhelmingly safe and it's
9 overwhelmingly effective.

10 So this kind of is the proof in the pudding
11 that is protocol and this method, which I knew from
12 years ago that this, this technology is fantastic
13 and it's great for patients to have as an option.

14 JOSHUA SWINDLE: I think it's important to note
15 that this is -- these patients are all from a place
16 of service dermatology with an authorized user, that
17 is the dermatologist, and the treatment deliveries
18 were accomplished by a Board certified radiation
19 therapist under the supervision of the
20 dermatologist.

21 So, you know, we do believe that this should be
22 within the hands of dermatologists, as they are the
23 gatekeepers for this particular patient population.
24 And if they're, you know, adequately and
25 appropriately trained and equipped and they have the

1 support layers in there, there should be no reason
2 for them to have it, to have it for access to their
3 patient population, safely and effectively.

4 CLARK ELDREDGE: Do you have a definition of
5 adequately trained?

6 JOSHUA SWINDLE: That's a good question.

7 STEVEN SCOTT: What's the question?

8 JOSHUA SWINDLE: What is our definition of
9 adequately trained. We believe our, our physician
10 population is, you know, adequately trained. They
11 receive both the manufacturer training as well as a,
12 you know, pretty extensive clinical on boarding
13 training with our chief medical officer and
14 sometimes Dr. Yu, that goes over a lot of the
15 subjects that we have, you know, put in there. We
16 have access or provide access for the physicians to
17 have ongoing training, whether it be weekly,
18 monthly, annually. So I'd be happy to give you some
19 information if you'd like.

20 STEVEN SCOTT: I mean, obviously, the training
21 that's happening for the dermatologists is not going
22 to suffice for the literal interpretation in Part X.
23 We all get that, right? But I think that we're all
24 smart enough to realize Part X was written for the
25 control of radiation with a linear accelerator,

1 which we don't think any dermatologist out there
2 should be running a linear accelerator, you know,
3 just by themselves. That's a way to hurt a lot of
4 patients.

5 But to your question, you know, how much is a
6 enough training? Well, there's no such thing as
7 enough. They can always benefit from more training.
8 And there's why having medical physicists and having
9 radiation therapists as part of the solution, really
10 helps round out that training for these
11 dermatologists. They can have all they want and
12 more. We're happy to go back in and retrain. We're
13 happy if they want to have the retraining from the
14 manufacturer all over again, although we have to pay
15 for that. We're happy to have the manufacturer come
16 back and train them all over again.

17 And again, some of the states have actually put
18 into requirements that once they have been named an
19 authorized user, they've got to have, you know, ten
20 or fifteen additional annual hours specific to
21 training, just to make sure that they've kept their
22 skills up to date.

23 CLARK ELDREDGE: Yeah. I was looking again at
24 the previous notes and there was a mention of one
25 week hands on, you know, clinical type stuff with

1 a -- and there was another where it was
2 two-and-a-half hour seminar at the annual, annual
3 seminar at the dermatology national conference. And
4 then one day other hospital, you know, other
5 clinical setting training was mentioned in the
6 previous things.

7 We have had four medical events associated with
8 dermatological cancer treatments. Two -- well, one
9 I know, one was in an oncology center. Two were
10 actually SRT related and the third was electron
11 beam. And I don't remember if that was a
12 dermatological practice or not.

13 The two dermatological practices, it was wrong
14 site. The physician and -- he had just brought a
15 therapist on board to place him pushing the button.
16 And the therapist asked which mole was it? Which
17 spot on the skin it was? And he picked out the
18 wrong one.

19 STEVEN SCOTT: Yeah. You know, that does
20 happen. And God bless them, these patients, if they
21 have one, they've got 15. It's not a matter of if,
22 it's just a win. These are going to manifest. And
23 sometimes these patients come in, I mean, they are
24 just absolutely covered in skin cancers. So
25 identifying the wrong one can happen, certainly, you

1 know, and it has happened with one of our practice
2 partners as well, where they identified the wrong
3 one. And again, it was a case where the patient had
4 just numerous cancers covering them.

5 You know, you work in radiation oncology long
6 enough, you're going to treat the wrong site.
7 That's just the reality. That's happened in my
8 background as well, in a cancer center, where even
9 though you questioned the physician, this doesn't
10 look to me like it matches the original picture.
11 Are you sure we're in the right spot? Yes, you are.
12 Go. Right? So it does happen, unfortunately.

13 But we really go the extra mile on the
14 documentation of what happens, so having the
15 physician and the radiation therapist on the front
16 end actually, you know, triangulating the lesion on
17 the skin, using reference moles. Taking photographs
18 of that. The machine actually has a built-in camera
19 as well. But we can take photographs and it gives
20 you an opportunity to look at all of that.

21 The other thing, too, is the medical
22 physicists, when they tunnel in to do their weekly
23 chart checks, right? It's all done through the
24 cloud. They can see all of those photographs and
25 the ultrasound images as well. And it has happened

1 one time when one of our physicists logged in and
2 looked at the photograph and said, that looks
3 different to me. That looks like something has
4 changed. What is going on here, right? And they
5 were able to message the RTT through the system and
6 actually perform a lockout until it had been
7 acknowledged and been corrected. And it was
8 actually, the patient had multiple lesions within
9 the same field being treated. So everybody was
10 right in that instance, but it does happen.

11 The other thing that we, we really pride
12 ourselves on, and we really insist upon is that if
13 we know there has been a misadministration, the
14 practice will report it. If they don't, we will,
15 you know. Misadministrations happen all the time
16 and most don't get reported, sadly.

17 JAMES FUTCH: What was the other one?

18 CLARK ELDREDGE: The other one was two months'
19 worth of patients, potentially. Maybe more. Where
20 the machine was operating through -- 30 percent
21 under the rating. So when they thought they were
22 dosing, it was, the therapists were -- the machine
23 was drifting. The therapist would go and reset the
24 baseline on the machine, not knowing that that's
25 what they were doing, and so it kept drifting down.

1 This was a mobile system. The machine was in the
2 back of a vehicle.

3 STEVEN SCOTT: Yeah.

4 CLARK ELDREDGE: And after it -- it was
5 actually captured by the annual calibration. So if
6 the annual calibration had happened even later --

7 STEVEN SCOTT: Yeah. So that's why we don't
8 wait for an annual. We do daily qA on all the
9 devices. And that's why the physicists can lock
10 them out remotely if they see a drift.

11 CLARK ELDREDGE: That was amazingly -- the
12 chart, the two-and-a-half months' worth of the daily
13 checks, that paperwork all disappeared.

14 STEVEN SCOTT: No. That could never happen.

15 CLARK ELDREDGE: They said they gave it to the
16 doctor.

17 STEVEN SCOTT: And he ate them.

18 CLARK ELDREDGE: The doctor, he lost it.

19 STEVEN SCOTT: Yeah.

20 CLARK ELDREDGE: That one is waiting for legal.

21 STEVEN SCOTT: We would never condone somebody
22 covering something -- the other great thing, too, is
23 because it is in the report and verified in the
24 system, they couldn't cover it up if they wanted to.
25 Honestly and truly, it's locked away forever. And

1 with regard to anybody having access to the actual
2 calibration of the unit, it's only the physicists.
3 So the RTTs do not have access to it. The
4 physicians don't have access to it. They couldn't
5 go in there and start dinking around with the output
6 numbers and if anybody tried, the machine would lock
7 them out.

8 In addition to that, the manufacturers test the
9 tolerance at about 3.5 percent deviation. And we
10 have them lock it down to 2 percent deviation for
11 us.

12 CLARK ELDREDGE: Okay. The machine was getting
13 the 3, 3 percent.

14 STEVEN SCOTT: Yeah.

15 CLARK ELDREDGE: Why they had a key, I don't
16 know.

17 STEVEN SCOTT: You know, we see a lot of stuff
18 out there in the industry. And that's, you know,
19 again, that's part of why we created this endeavor
20 because we thought there should be some
21 standardization. Radiation protection is incredibly
22 important, obviously. Patient outcomes matter, you
23 know. And it's just not something you can half ass.

24 DR. RANDY SCHENKMAN: Well, thank you so much.
25 That was a great presentation. I think we all

1 learned from this.

2 JAMES FUTCH: We had a lot of nice questions.

3 DR. RANDY SCHENKMAN: Yeah.

4 STEVEN SCOTT: Well, thanks. And certainly, we
5 want to be good partners.

6 JAMES FUTCH: We appreciate it.

7 STEVEN SCOTT: As you guys do decide to make
8 changes or updates, if there's anything we can
9 assist with. We actually enjoy doing stuff like
10 that. We would love to help you all with anything
11 you're working on with regard to your regs or
12 anything you might be considering for training in
13 the future. And/or we really pride ourselves on the
14 way that our centers operate. And, you know, field
15 trips are always available. If anybody wants one,
16 even in this weird Covid world, we will, we will
17 figure out and you can come spend a day and see how
18 patients get treated if you would like. Okay?

19 Well thank you all very much for your time
20 today.

21 ALL: Thank you.

22 STEVEN SCOTT: We really appreciate it.

23 (Applause)

24 STEVEN SCOTT: We're going to try to get to the
25 airport.

1 DR. RANDY SCHENKMAN: Well, it's lunch break
2 time everybody.

3 JAMES FUTCH: Coming back at 1 o'clock?

4 DR. RANDY SCHENKMAN: Yeah. We're going to
5 come back at 1 o'clock, if that's okay with
6 everybody.

7 (Proceedings recessed at 11:58 a.m.)

8 (Proceedings resumed at 1:15 p.m.)

9 DR. RANDY SCHENKMAN: If it's okay with
10 everybody, we're going to get started. We're going
11 to give them a little more of a chance to set up.
12 So, Clark?

13 CLARK ELDREDGE: I have -- is there any
14 discussion further to follow up on the SkinCure
15 stuff? Any thoughts folks have?

16 ADAM WEAVER: How many of those operations do
17 you have in the State of Florida right now,
18 approximately?

19 CLARK ELDREDGE: For what they have versus what
20 we have, I have 85 registered superficial therapy
21 units. Well, that are -- the one, yeah. And
22 then -- let me look at that number.

23 ADAM WEAVER: Oh, just a ballpark.

24 CLARK ELDREDGE: Yeah. There's one Orthovolt
25 still out there and, like, eight Grenz Ray.

1 ADAM WEAVER: You still have one of the old
2 Orthovolts?

3 CLARK ELDREDGE: Yeah.

4 ADAM WEAVER: Wow.

5 MARK SEDDON: The Census SRT 100s are like a 50
6 some or 60 some. It's on the website. They've got
7 a very small base, which is what they're using in
8 Florida --

9 CLARK ELDREDGE: Right.

10 MARK SEDDON: -- or a variation of what they're
11 using.

12 ADAM WEAVER: I remember the other the old
13 Orthovolt machines used to be huge. Almost take up
14 a whole room.

15 CLARK ELDREDGE: 75 SRT 100s.

16 ADAM WEAVER: The new tube technology makes
17 them smaller.

18 CLARK ELDREDGE: Now, with the -- again, the
19 difference between how it's regulated as far as
20 potentially an SRT unit could be a brachy, right?
21 It all depends on whether it's -- whether it is a
22 dose of up to a few centimeters by inner cavity,
23 intermural or interstitial or by application of the
24 source in contact with the body surface or very
25 close to the body surface. So it still comes down

1 to what's definition of close to the body surface.

2 ADAM WEAVER: Do you have a definition for
3 that?

4 CLARK ELDREDGE: No, we don't. That's the
5 problem. You know, so if the -- I saw one thing
6 where it said, one of them was talking about being
7 30 centimeters from the source of the skin. So it's
8 12 inches. So I'm looking at the machines. I'm not
9 sure how they're that far away.

10 ADAM WEAVER: That seems far away.

11 CLARK ELDREDGE: That seems awfully -- but,
12 yeah. Well, they have their own applicator.

13 MARK SEDDON: They have a cone.

14 CLARK ELDREDGE: They have a cone you put on
15 the end for shaping and so that puts a little bit
16 space in there.

17 MARK SEDDON: Yeah.

18 ADAM WEAVER: How do they get the positions?
19 Do they fix, like, if it's the head, and they must
20 get it pretty darn close to keep the position of the
21 head. You know, these things aren't instantaneously
22 exposed, probably over a couple minutes, I would
23 assume.

24 CLARK ELDREDGE: So, yeah.

25 ADAM WEAVER: Yeah.

1 CLARK ELDREDGE: It's an articulated head.

2 ADAM WEAVER: They have some kind of jig or
3 something.

4 GEORGE GILBRIDE: To keep the head from moving.

5 CLARK ELDREDGE: Yeah. Just lock it in place.
6 You have to sit real still and move the head around
7 and --

8 ADAM WEAVER: Like a dental --

9 GEORGE GILBRIDE: Cataracts type of thing
10 maybe.

11 I had a new dentist and they took x-rays.
12 Handheld x-ray units. Oh, my God. I'm sitting
13 there and I'm thinking, all I kept going was, are
14 you F-ing crazy? I've been in radiology since 1978,
15 I'm thinking, it's like, you know, and, this is
16 nuts. Okay. Enlighten me.

17 CLARK ELDREDGE: Handheld tubes.

18 JOHN WILLIAMSON: We had a whole discussion on
19 those.

20 CLARK ELDRIDGE: Yeah.

21 GEORGE GILBRIDE: I'm sorry?

22 CLARK ELDREDGE: They're actually -- um, the
23 FDA, the handheld machines have been through the FDA
24 process.

25 GEORGE GILBRIDE: Okay.

1 CLARK ELDREDGE: The operating position is
2 quite protected. They have the scatter shield
3 mounted at the end of it. And so, there's no
4 particular possible risk of the operator if
5 everything is set up right. We're seeing anywhere
6 near regulatory doses. So that's on the good side.
7 They are running it a couple milliseconds. Again,
8 we're talking about ones that are marketed, built
9 specifically for the U.S.

10 ADAM WEAVER: You're talking dental ones or --

11 CLARK ELDREDGE: Dental.

12 ADAM WEAVER: -- or XRS?

13 CLARK ELDREDGE: Dental. We switched to
14 handheld dental. They are running at 60 to 70kV.

15 One of the good things, real short peak, of
16 course, is to get a decent image. If they went for
17 any longer they have a hard time --

18 GEORGE GILBRIDE: 60 kVs, they still have to go
19 through the enamel of the teeth.

20 CLARK ELDREDGE: No, that's standard. That --
21 well, actually, we'll talk in a little bit about in
22 my section.

23 GEORGE GILBRIDE: Okay.

24 CLARK ELDREDGE: I'll cover something of that.
25 Let's see here. We do require dosimetry for

1 handheld operators because it's the only way to know
2 if there's something goofy going on, right?

3 ADAM WEAVER: You're talking handheld dental
4 units. Only dental.

5 CLARK ELDREDGE: Well, actually, any -- nobody
6 else is supposed to be using a handheld tube.

7 ADAM WEAVER: Analytical, the XRFs.

8 CLARK ELDREDGE: Yeah, but XRFs, but in that
9 case, that's true. I should have -- yeah. An XRF,
10 the only case of being of a real risk there is when
11 people will hold the material you're shooting rather
12 than --

13 ADAM WEAVER: Keeping it in the configuration
14 or the --

15 CLARK ELDREDGE: Yeah. Using it how they're
16 supposed to use it. They're doing it without
17 training. They had -- I reported this a while back
18 where we had a wife rat out her husband who bought a
19 machine not registering it. He'd been using it for
20 a few years, holding the jewelry in his hand and was
21 having nerve damage to his hands. And so they --
22 that's -- she was not happy with it.

23 ADAM WEAVER: So she blamed the nerve damage on
24 radiation damage?

25 CHANTEL CORBETT: It was.

1 CLARK ELDREDGE: Yeah, well, I mean, it was.
2 You use it several hundred times a day for three
3 years continuous, the amount of --

4 GEORGE GILBRIDE: Like the old radiologists
5 when they came out, they were using their hands,
6 they had all sorts of issues and stuff like that.
7 So it's -- stuff like that.

8 ADAM WEAVER: Check the old fluoro tubes. Get
9 the orientation, remember the old reverse ones, the
10 green ones?

11 CLARK ELDREDGE: All right.

12 DR. RANDY SCHENKMAN: I think we're, we're
13 ready.

14 JOHN WILLIAMSON: I'm going to start off with
15 giving you a little story. In the late summer of
16 2018, Hardee County asked us, because of citizen
17 allegations, if there was radioactive material in
18 one of their county parks, to do a survey of their
19 park. This was Hardee Lakes Park, which was donated
20 to them by Mosaic, which was one of the largest
21 phosphate mining companies in the world. So we
22 agreed to do a survey. They were particularly
23 concerned about phosphate reject rock, which is rock
24 that is not of quality enough to go through the
25 phosphate extraction process.

1 So we went through with our Radiation Solutions
2 mobile radiation detection system. We drove every
3 single road in the park. We also went in all in the
4 areas where there was campsites. We went in the
5 off-road areas. We made an analysis of what we
6 found.

7 And on the roads, typically we're finding
8 exposures of about -- sorry, I know you guys are
9 medical. I'm used to dealing with English -- about
10 15 microR per hour. We found some areas as high as
11 36 microR per hour. These are compared to normal
12 backgrounds of 6 to 10 microR per hour.

13 So we wrote a letter to the Hardee County
14 manager, that based on NCRP 116, which is the
15 exposure the public to naturally occurring
16 radioactive material, we didn't believe that the
17 minor amount of time that most people spend at a
18 county park was going to accumulate more than 100
19 milligram a year of dose, which is the criteria for
20 NCRP 116. If it's a 100 milligram or more above the
21 normal background, you might consider doing
22 something about it. Our calculations were that
23 somebody who stayed there on the order of 30 days a
24 year will get, I think, 10 to 15 milligram of
25 additional exposure.

1 Anyhow, so that was all 2018. Earlier this
2 summer, I got an inquiry from two reporters working
3 on a documentary from CNN, who were interested in
4 the work that we had done. They disagree with the
5 methodology and the conclusions that we came to on
6 that particular park. They asked to do interviews
7 with -- the Department doesn't typically allow any
8 of that type to take place.

9 At some point, I expect in the next couple
10 months, there will be a documentary on this. And I
11 just thought you guys deserve to at least hear about
12 it before you see it. Since you're on the Advisory
13 Council, it will be nice that somebody told you that
14 hey, by the way, you might see something.

15 If you have any questions, I'll be happy to
16 answer it. Afterwards will probably be better
17 because we're a little short on time here.

18 So the next thing I want to talk about is the
19 instrument, the equipment updates that we've taken
20 for the Bureau. This is an R200. It's actually a
21 spectroscopic personal radiation detector. But in
22 essence, what it really is is a RID, relay isotopic
23 identifier, that tells you what gamma isotope you're
24 dealing with. The current method by which we
25 respond to radiation incidents is we receive a call

1 from our duty officer in Orlando. He calls a
2 regional duty officer who typically goes out and
3 makes the response. If the response looks like it's
4 going to need isotope identification, that duty
5 officer has to drive to the storage shed maintained
6 by each of those regional locations, which could be,
7 you know, in Miami traffic, could take you two hours
8 to get to the storage shed, which obviously, means
9 that the amount of time that it takes us to respond
10 to a radiation incident could be a significant
11 amount of time.

12 So what we've decided to do, we bought one of
13 these for each one of the regional duty officers, so
14 when they're on call, they will have this with them
15 all the time. So they don't have to drive to the
16 storage shed to pick up the RID. This gives us
17 probably only about 70 percent of the total capacity
18 because the RID they have in the storage shed is a
19 much larger detector. This is a much smaller
20 detector. But for most of what we do, it's more
21 than adequate. So we're cutting down the amount of
22 time that we're going to spend taking to respond to
23 radiation incidents.

24 And it turns out, if we get there with this,
25 they can actually capture a spectra. All of these

1 inspectors, for the most part, have smart phones.
2 They can actually connect to this device with their
3 smart phone and they can send that spectra off to us
4 and we can send it to the Department of Energy to
5 actually have reach back concern. In that same
6 time, they can get another person from the office
7 who can go to the storage shed, pick up the more
8 advanced RID and bring it back so they can do an
9 additional spectrum on it.

10 JOSEPH DANEK: What's is that unit called? I'm
11 sorry.

12 JOHN WILLIAMSON: It's an R200. It's actually
13 a spectroscopic personal radiation detector. But in
14 essence, it's a RID. It just has a very, very
15 small, I think a click. A cesium --

16 ADAM WEAVER: Cesium iodine?

17 JOHN WILLIAMSON: No, it's not a cesium iodine.
18 It's just a click. It's the cesium, atrium,
19 lutecium --

20 ADAM WEAVER: Oh, yeah.

21 JOHN WILLIAMSON: It's one of those composite
22 crystals that they use. About the, about the same
23 resolution as a sodium iodine.

24 We've also, we do a lot of PRD, preventive rad
25 nuke detection. We talked about that in the past,

1 monitoring the Super Bowl, of the Daytona 500. We
2 do a lot of that, carrying backpacks with large
3 radiation detectors on our back. Previously, the
4 ten backpacks we had only would tell you what the
5 radiation dose rate was. It wouldn't tell you what
6 the isotope is.

7 Over the last year, we purchased two of these
8 backpacks from Radiation Solutions, Incorporated, a
9 company in Canada. Same company that make our
10 mobile radiation detection systems. This one has
11 two cesium -- no, two sodium iodine detectors and a
12 neutron detector. So these actually will give us an
13 ID as well as telling us what the gamma dose rate
14 is.

15 So where you see an instance for using this, if
16 you're -- for instance, we did monitoring at the
17 Fort Lauderdale International Boat Show at the end
18 of October and we -- they have, I think, seven or
19 eight separate gates. So we put one of these at the
20 gate with one of our personnel. When somebody comes
21 through, normally, it would've been that would set
22 off an alarm. We'd have to get our RID. We'd have
23 to go stop them, ask them to hold and we'd do a
24 five-minute count before we'd be able to ID.

25 These, because of the size of the detectors,

1 they're three-inch sodium iodine detectors, they can
2 actually give us an ID usually just by somebody
3 walking by. They had, I think, about 15 alarms.
4 All of them happened to be medical alarms. This one
5 will ID in a very, very short amount of time. So it
6 means you don't have to go catch the person, unless
7 it shows up as a -- one of the things, for instance,
8 if somebody goes by and it's medical, we're not
9 concerned about. If somebody goes by and it's
10 cesium, we start to get a little more upset. If
11 somebody goes by and you get a neutron alarm, then
12 you start thinking, you know, possible nuclear
13 weapons.

14 So anyhow, so what I've done is I brought a
15 number of different check sources. I think six
16 different gamma isotopes. So you are welcome to
17 come up and actually take ahold of the instrument
18 and take a look at what -- how they operate. And we
19 can also bring stuff by this one. You can see what
20 the gamma ID is.

21 This one is nice because it actually reports
22 the data. You can link up a phone to it. You can
23 simply act like all the other millennial generation
24 and walk around with your nose in the phone instead
25 of paying attention to anything else and nobody will

1 think anything different.

2 JOSEPH DANEK: So come up and do it?

3 JOHN WILLIAMSON: Yeah, sure.

4 ADAM WEAVER: You're the environmental guy.
5 You're supposed to do it.

6 JAMES FUTCH: You have a question? Giovanna
7 has got a question.

8 GIOVANNA MANNING: I want to know, that's an
9 app that --

10 JOHN WILLIAMSON: Yes.

11 GIOVANNA MANNING: -- the Bureau made, we made
12 it?

13 JOHN WILLIAMSON: No. It's made by the
14 company, the manufacturer.

15 ADAM WEAVER: No, from the vendor.

16 GIOVANNA MANNING: Okay. The vendor.

17 JAMES FUTCH: It is available to put on your
18 phone and it's even approved by the Department.

19 JOHN WILLIAMSON: Yes. We went through all the
20 rigmarole to get it approved by the Department.

21 ADAM WEAVER: Does this actually show you a
22 spectrum?

23 JOHN WILLIAMSON: Yes, it does. And you can
24 actually do it on your phone as well, but I didn't
25 bring a phone for it.

1 CHANTEL CORBETT: Do you know what the price
2 tag is on the R200?

3 JOHN WILLIAMSON: Which one?

4 CHANTEL CORBETT: R200.

5 DR. NICHOLAS PLAXTON: Twenty bucks.

6 JOHN WILLIAMSON: \$3800 with the neutron
7 detector.

8 DR. NICHOLAS PLAXTON: Which one? That one?

9 JOHN WILLIAMSON: No. This one.

10 MARK SEDDON: No, this one.

11 DR. NICHOLAS PLAXTON: How much is that one?

12 JOHN WILLIAMSON: \$31,500.

13 MARK SEDDON: Yeah, I was going to say.

14 CHANTEL CORBETT: I was like probably add
15 another zero on that. Yeah, the other RIDs are much
16 bigger.

17 DOUGLASS COOKE: I thought my kid's backpack
18 was expensive.

19 JOHN WILLIAMSON: And then this one, the middle
20 button on there, that means --

21 JAMES FUTCH: So the one on the right has a
22 super tiny screen. You better know what button does
23 what before you touch it.

24 JOHN WILLIAMSON: Yeah, it's definitely meant
25 for the younger --

1 ADAM WEAVER: Can you link it to your phone?
2 Will it bluetooth to the phone and make the screen
3 bigger?

4 JOHN WILLIAMSON: You can't get the exact
5 display on your phone. You can get a, you can get a
6 count rate. And then you can download stuff to it.
7 But it's not as friendly as it should be.

8 GIOVANNA MANNING: The R200 does not have an
9 app?

10 JOHN WILLIAMSON: Yeah, the R200 has an app as
11 well. It's not a mirror image. It doesn't show you
12 exactly what the screen does.

13 (Off-the-Record Review of Equipment Updates)

14 DR. RANDY SCHENKMAN: Thank you so much. John,
15 thank you so much for your presentation. That was
16 great.

17 JOHN WILLIAMSON: You're welcome.

18 ADAM WEAVER: Thank you, John. Nice toys.

19 (Applause)

20 DR. NICHOLAS PLAXTON: I feel safer now.

21 ADAM WEAVER: I can go to the next Super Bowl
22 and feel --

23 CHANTEL CORBETT: That was what was holding you
24 back.

25 ADAM WEAVER: That was what was holding me

1 back.

2 CHANTEL CORBETT: Not the ticket price.

3 DR. NICHOLAS PLAXTON: Yeah, right?

4 ADAM WEAVER: No, no, no. It was fear. The
5 last one was in Tampa. It was the first time a home
6 team -- This year it's in Los Angeles.

7 DR. RANDY SCHENKMAN: Okay. Do you want to go
8 next? Clark, do you have more you want to do?

9 CLARK ELDREDGE: No, I'm good. Until my turn.

10 JAMES FUTCH: All right.

11 DR. RANDY SCHENKMAN: Wait. Should we have
12 Douglass go first?

13 JAMES FUTCH: You're up, Douglass.

14 DOUGLASS COOKE: Good afternoon, everybody. If
15 I can direct you all to the last three pages of the
16 package you have in front of you. Again, since I am
17 the replacement Brenda today, I will be handling her
18 task of trying to set up our next meeting.

19 Yes, sir?

20 CLARK ELDREDGE: You asked me if I had more
21 stuff to cover from my group?

22 JAMES FUTCH: No.

23 CLARK ELDREDGE: We're doing that --

24 DOUGLASS COOKE: Because I have to drive to the
25 -- yeah. So availability is March, April and May.

1 If anybody has the time that they're --

2 DR. RANDY SCHENKMAN: April or May would be
3 better for me.

4 DOUGLASS COOKE: Okay. So Dr. Schenkman has
5 requested we skip March, so we'll just go to April
6 or May. And we're waiting on an update about a --

7 ADAM WEAVER: There's a Florida Health Physics
8 Society meeting.

9 DOUGLASS COOKE: That's important too, yes.

10 JOSEPH DANEK: That's supposed to be April 7th.

11 ADAM WEAVER: Okay.

12 CHANTEL CORBETT: On a Thursday?

13 ADAM WEAVER: It starts Thursday and the
14 meeting is on Friday.

15 DOUGLASS COOKE: So we'll skip past the first
16 week of April. You can all think about me that day
17 since it's my birthday while you're there. Thank
18 you.

19 ADAM WEAVER: When's your birthday?

20 DOUGLASS COOKE: April 6th.

21 ADAM WEAVER: Mine's the 7th.

22 GEORGE GILBRIDE: Mine's the 8th.

23 DR. RANDY SCHENKMAN: Look what I started here.

24 (Laughter)

25 DOUGLASS COOKE: That's puts us in the second,

1 third or fourth week of April or any time in May.

2 Does anybody else have anything going on or --

3 GEORGE GILBRIDE: Easter's our anniversary, but
4 that's fine.

5 DOUGLASS COOKE: So schedule it for the 23rd.
6 Yes, sir. Gotcha.

7 JAMES FUTCH: So may has --

8 CHANTEL CORBETT: I'd April 21st or --

9 DOUGLASS COOKE: Yeah, I was going to say --

10 ADAM WEAVER: Or the 28th.

11 REBECCA McFADDEN: The 28th looks better.

12 JAMES FUTCH: How about Tuesdays or Thursdays?
13 There used to be a big dichotomy between Thursdays
14 and Tuesdays.

15 WILLIAM ATHERTON: I like Thursday. John?

16 JOSEPH DANEK: The last week of April is bad
17 for me. Last week of April.

18 DOUGLASS COOKE: Last week of April is bad for
19 you? How about the 21st? That's a Thursday. Is
20 everybody okay with the Thursdays?

21 DR. NICHOLAS PLAXTON: I can't make the 21st.

22 DOUGLASS COOKE: Okay. Let's go to May people.

23 DR. RANDY SCHENKMAN: Are Tuesdays good for --

24 DOUGLASS COOKE: Tuesdays better?

25 REBECCA McFADDEN: The 12th or the 19th.

1 ADAM WEAVER: April 19th.

2 JOSEPH DANEK: Tuesday the 19th.

3 DR. RANDY SCHENKMAN: Is Tuesday the 19th good
4 for everybody?

5 CHANTEL CORBETT: Okay.

6 GEORGE GILBRIDE: April?

7 JAMES FUTCH: It's two days after Easter.

8 GIOVANNA MANNING: I hope it's good for Kevin.

9 ADAM WEAVER: Once you come, you've got to keep
10 coming.

11 DOUGLASS COOKE: Yeah. Listen, I tried to get
12 out. I wasn't here for, like, three times and they
13 drug me back in. So we're going to go April 19th?

14 DR. RANDY SCHENKMAN: So we're going to do
15 Tuesday, April 19th for our next meeting. Okay?

16 CHANTEL CORBETT: That sounds good.

17 GEORGE GILBRIDE: Put that in my phone.

18 DR. NICHOLAS PLAXTON: Same place?

19 DOUGLASS COOKE: It will be in this area.

20 Hopefully we'll try to get this hotel again.

21 Obviously, Hilton owns all three of them. So it
22 will be at one of these three.

23 DR. NICHOLAS PLAXTON: Okay. Got it.

24 DOUGLASS COOKE: I kind of enjoyed the
25 breakfast this morning, so I'll put --

1 DR. NICHOLAS PLAXTON: I missed it. It ended
2 at 9. I was hoping, I was planning on it. They
3 always have a free breakfast. Usually they go to
4 10.

5 DR. RANDY SCHENKMAN: Are there any other
6 updates for you?

7 DOUGLASS COOKE: I did not have any other --
8 oh, yes. Your, your travel is all still pending.
9 There was a kerfuffle. That will be a good word for
10 today. Kerfuffle.

11 GEORGE GILBRIDE: Watch your language, young
12 man.

13 DOUGLASS COOKE: Yes, I will try. Next
14 meeting, I will. So basically, what's going to
15 occur is we'll get everything put together and sent
16 out to you all for signatures. It should be, if not
17 tomorrow, it will be the first part of next week. I
18 know Brenda's back in the office on Monday, so you
19 probably don't expect it before then. And we'll
20 just make sure everything gets taken care of with
21 one, one transaction.

22 DR. RANDY SCHENKMAN: E-mailing it to everybody
23 or mailing?

24 DOUGLASS COOKE: It will be e-mailed just for
25 your signatures and then we can print and scan and

1 everything. I'll take care of the rest of it. But,
2 yes. Apologies there. Because usually we just have
3 you sign two copies and we take it back with us but
4 that was unable to be done this time. So we'll take
5 care of it as soon as possible and get you all
6 reimbursed as quickly as possible.

7 DR. RANDY SCHENKMAN: Okay.

8 DOUGLASS COOKE: Anything else for me? No?

9 DR. RANDY SCHENKMAN: So, Clark, do you want to
10 finish?

11 JAMES FUTCH: Then go on to your stuff.

12 CLARK ELDREDGE: Okay. Go ahead with mine?
13 Okay. So then we have just the radiation machine
14 updating section. All right?

15 The machine update. We've just -- well, we're
16 not finished with the annual renewals, but we're
17 through with the people who bothered to register on
18 time. We're currently 85 percent of all the
19 registrations, 19,500 or so. Eighty-five percent of
20 them have submitted their money and have been issued
21 their registrations. Things actually went pretty
22 well this registration period, even though we had
23 one of our staff quit at the very beginning.

24 GIOVANNA MANNING: So that's why I was doing so
25 much work.

1 CLARK ELDREDGE: And Miss Manning gets kudos
2 for the boxes of -- for the trays and trays of
3 checks and payments she approved for processing. So
4 she's a huge help for us.

5 So we're down to, yeah, fifty to a hundred
6 renewals as they trickle in a day. And we'll be
7 sending out our second notices in a couple weeks.
8 We usually send out second notices around 15 -- 10
9 to 15 percent left, so we're about that point right
10 now.

11 Medical quality -- excuse me, Mammography
12 Quality Standards Act. MQSA. We're in the fourth
13 year of our five-year contract.

14 We currently have 617 ACR accredited
15 mammography facilities in the state; five
16 provisional, although this year, we're contracted to
17 do 671 inspections for this year. Part of that is
18 to make up for the pandemic shut down. So we're,
19 you know, so the folks that were being inspected --
20 MQSA requires people to be inspected between 10 and
21 14 months. MQSA, between 10 and 14 months from the
22 last inspection. Ideally, you're trying to hit the
23 12-month mark, one year.

24 So with the 671 inspections, those folks that
25 were inspected at the beginning of our contract year

1 will see us closer to ten months. Ten to eleven
2 months to get, to be able to get our full 671. Part
3 of the reason they've done that is to not only make
4 sure we catch up and get everything back on track,
5 but make sure we're not out of contract money
6 they're providing us to perform the inspections.

7 They are also proposing that they're going to
8 realign all the contracts so they all end on the
9 same day. Things tend to creep and out of sight.

10 (William Atherton Leaves the Meeting)

11 CLARK ELDREDGE: So they're going to --
12 currently, our contract is September 1st to August
13 31st.

14 (Dr. Randy Schenkman Leaves the Meeting)

15 CLARK ELDREDGE: And they're looking at putting
16 all the states on either a June 30th cycle or
17 potentially an April, April cycle, but people are
18 hopefully going to do the June 30th because that
19 aligns with most states' budgets when you do it that
20 way.

21 We are currently the second largest program in
22 the U.S. Second largest number of facilities. And
23 we're still -- we're short currently one inspector.
24 We were down about three qualified inspectors. We
25 were able to get two through the last training. One

1 retired and came back, so we're in pretty good
2 shape.

3 We have two inspectors who left their inspector
4 position. They're supervisors, so they're filling
5 in until we get full -- enough inspectors that are
6 qualified for that.

7 Medical events, we've had two since last
8 meeting. We have -- one was a rather difficult
9 pancreatic treatment with a lot of soft tissue.
10 They had trouble get all the markers aligned as they
11 prepped the thing. So that was a wrong site. The
12 other one was just reported just before
13 Thanksgiving, and so I don't know the details on
14 that one yet. I haven't seen the facilities report.

15 Enforcement investigations going on for us,
16 DEXA sales and referrals. Companies that are out of
17 state selling health coaching services and, you
18 know, getting you in shape and referring you to
19 in-state DEXA providers to get you DEXA scans to see
20 how you're progressing on your exercise regimen.

21 ADAM WEAVER: Someone else to yell at you.

22 CLARK ELDREDGE: So we're currently -- of the
23 various DEXA folks that were on the list, from
24 the -- for referrals, most of them were folks that
25 we've already been working on because they are also

1 selling it as DEXA scans as part of the personal
2 weight loss, personal body, whatever type.

3 GEORGE GILBRIDE: Body fat.

4 CLARK ELDREDGE: Yeah. These are all about
5 body fat measurements rather than bone density. But
6 they actually have licensed practitioners in the
7 office. They work with -- we've gone with them to
8 make sure that they are following proper -- our
9 legal requirements because there's no such thing as
10 a non-medical x-ray in Florida other than the
11 limited security allowances in the, in the jails for
12 prisoners. So that's -- everybody else is medical.
13 There has to be a physician who authorizes it; who's
14 using it as part of your health care treatment in
15 our statutes.

16 So, you know, so this one place, one of the
17 people we worked with actually goes and they don't
18 give you the result right then when you walk in.
19 They actually, it has to go to the physician's staff
20 office to review it and whatever recommendations
21 they give, you know. Normal kind of medical review
22 of the report and provide back.

23 And so, the one that -- the two that were most
24 interesting are in this group of -- one is a
25 hospital who didn't seem to know that there should

1 be a doctor authorizing these x-rays.

2 GAIL CURRY: Hmm.

3 CLARK ELDREDGE: And the other one was a gym in
4 the Tampa area, which apparently doesn't have the
5 machine, but they were on their site. So that was
6 interesting that they were having a, a gym listed
7 but --

8 GEORGE GILBRIDE: Was it a mobile?

9 CLARK ELDREDGE: No. We don't know the
10 details. Just -- we have -- we're pursuing more
11 cases where facilities are selling subscriptions to
12 full-body CTs. Come get your annual full-body CT.
13 We'll give it to you and then we'll send the results
14 to your primary care and we're not going to do a
15 thing with it. Yes, we'll send it to radiologists
16 but we're not going to follow you up with it.

17 DR. NICHOLAS PLAXTON: That's messed up.

18 CLARK ELDREDGE: And so, we had -- a couple
19 years ago, we had a facility in this area who was
20 looking to buy their own machine to do this. Right
21 now, we've got one group in town right now that's
22 selling them, but they're referring people to
23 diagnostic centers, which is a little bit more about
24 our ability to enforce that. Since the person
25 owning the machine, it looks to them like it's part

1 of the normal medical system. This other group
2 purchased their own machine and currently that's
3 over in legal and when they applied.

4 And unfortunately, I found there are two more
5 facilities in Florida which were not recognized
6 that's what they were doing and they currently have
7 registrations. So we have to go back and work back
8 with them to find out how they're complying with
9 44.22 paragraph 8. I think it's 8, not 7, which
10 says, again, the doctor's got to be involved with
11 it. He's got to order your x-ray and provide you
12 with medical care through the results of that x-ray.

13 We continue to find more of the non-FDA
14 compliant handheld dental units. This was a -- now,
15 the last two were veterinary units, were in
16 veterinary practices, which don't have to meet the
17 same standards for human exposure, but they have to
18 meet the standards for operator safety. And they
19 don't meet the standards for operator safety. So,
20 you know.

21 We are working on some draft language for
22 rules, as always. One of the other recent things
23 we've had is with the industrial -- mobile
24 industrial radiography rooms. People want to claim
25 they're cabinets, but we're talking something that's

1 ten by ten or larger. People walk in, they dump
2 stuff in there, they walk out and close the door.
3 Our codes require them to be industrial
4 radiographers to operate these systems. And of
5 course, the people who register them think they're
6 only cabinet machines and don't require the
7 appropriate training for their employees to operate
8 the machines.

9 And our language in our statute doesn't -- in
10 our rules, doesn't quite clearly draw the line
11 between the cabinet and something you could walk in.
12 Because the actual machine website, the manufacturer
13 in this case is Nikon. Their thing doesn't describe
14 it as a cabinet as all. The register is calling it
15 a cabinet. And they call it a walk-in x-ray room.
16 A radiography room is what they call it.

17 But then we have other -- but then again, you
18 look at some other sites selling these -- this type
19 of equipment. They call it a walk-in cabinet, so --

20 One thing that we can use help with, if anybody
21 on the committee has any insight, references,
22 resources, with our statutory updates, trying to
23 re-envision the registration scheme and standard.
24 Currently, of course, the registration is linked
25 primarily to who's operating the machine and not the

1 hazard.

2 I had written language that was -- and
3 submitted it up to try to change it from is it a
4 doctor, is it a vet, is it an educational facility,
5 to is a human being put into the useful beam or not.
6 Or is an accelerator. That's specified in there. I
7 think that's fine to differentiate accelerators in
8 that way. Or -- and then with the techs versus the
9 doctors, the question becomes, yes, you have
10 somebody being put in a useful beam, but what's the
11 actual dose rate from the machine, what's the
12 potential of the tube; things like that.
13 Originally, you're looking at the potential for the
14 tube, but that doesn't work out so well because
15 while dental units are working at 70kV, you have
16 mammo at 30kV, and you have extremity CTs that are
17 working down at 50kV. And those things are putting
18 a lot more dose through the person than dental is.
19 So -- and that's sort of, if you look at the history
20 and you look, of course, all regs are based in the
21 1980s.

22 That was a good proxy, who was operating the
23 machine was a good proxy for the machine and the
24 risks involved. All the dental podiatry were only,
25 you know, they didn't have CTs in their practices.

1 So as usage of machines have changed, I'm trying to
2 propose language. It was rejected last time we put
3 it through, just because it also involves language
4 that affects the fee structure. Because the fee
5 structure, itself, is tied to who's operating the
6 machine. And now they want to tie the fee structure
7 to the risk from the tube to the person and the
8 operators.

9 Not that we want the fee structure to change
10 any. We just need to reword it to reflect it and
11 that's what killed it before. But if anybody has
12 any good way to reference resources they feel would
13 be useful for trying to find the right language to
14 split between the dental podiatry section and the
15 rest of the medical, it would be useful.

16 I've been trying to research things, reference
17 documents from ACR, from IAEA, from many of the
18 other reference exposure studies and things like
19 that, to figure if there was some good value to park
20 there, and it's not really clear when you look at
21 these things. There's rather large bands and things
22 like that, so we're trying to find a good measure to
23 be able to make that break point between the
24 five-year inspection cycle between the very simple
25 podiatry, dental-type operations versus things that

1 take a bit more work to maintain and keep
2 calibrating and things like that.

3 So again, anything you all have, any resources
4 or something you all can think of or come up with,
5 please let us know. Let me know so I can look at it
6 and bring you all back something to --

7 MARK SEDDON: I know we debate this every time
8 we try to register a new facility. What category
9 does this fall underneath? It's always 370AD.
10 What's that exactly?

11 CLARK ELDREDGE: And that's the other thing.
12 We do need to expand the registration categories
13 more because the free-standing emergency rooms and
14 those things, we don't -- that, now fortunately,
15 that's a rule thing rather than, you know, and the
16 fees will still be the same. But we do need to add
17 more categories for the surgery centers and the, the
18 emergency room, urgent care facilities. Because
19 they're not hospitals and they're not doctors'
20 offices. And that's the -- that was the choice to
21 flip the coin on. So --

22 MARK SEDDON: So talk to them about it.

23 CLARK ELDREDGE: Yeah, we definitely -- I would
24 appreciate your insight on it. We definitely need
25 to talk about it. All right. I think that covers

1 everything I had on my list. Any questions, any
2 inspiration?

3 ADAM WEAVER: Just, I talked to you about
4 the -- when people are using lead aprons. Your
5 draft.

6 CLARK ELDREDGE: So I do have to talk about
7 that now and I want to know if you all agree to
8 endorse it. Do we have the form still?

9 CINDY BECKER: We do.

10 CLARK ELDREDGE: So the -- do we all have
11 copies of the latest drafts?

12 ADAM WEAVER: You e-mailed them to us.

13 CLARK ELDREDGE: Everybody, if you can take a
14 look at them.

15 JAMES FUTCH: Clark, I can pull them up if you
16 want to.

17 CLARK ELDREDGE: Yeah, why don't we pull them
18 up. That would be easier.

19 JOSEPH DANEK: I've got a couple comments on
20 it, too. The dose weighting factor as well as the
21 apron.

22 ADAM WEAVER: You probably have the same
23 comment I do.

24 JOSEPH DANEK: We'll see. Oh, no, mine is
25 different.

1 ADAM WEAVER: Is what?

2 JOSEPH DANEK: Yours is the gonad or apron?

3 Same thing as apron? Dose weighting
4 factor.

5 ADAM WEAVER: Yeah. Well, it's not appropriate
6 for x-rays.

7 CHANTEL CORBETT: Right. They ruled that out
8 in the last one.

9 ADAM WEAVER: Yeah. Alternate double T's.

10 JOSEPH DANEK: What's gone?

11 CHANTEL CORBETT: Gonads.

12 JOSEPH DANEK: You can't use them any more?

13 CHANTEL CORBETT: You can but it's not
14 recommended.

15 JOSEPH DANEK: This thing is going to come out?

16 ADAM WEAVER: Well, it's just a draft right
17 now.

18 JAMES FUTCH: Which one do you want?

19 ADAM WEAVER: The dose weighting factor is
20 first for me. Joe did an internal dosimetry --

21 JOSEPH DANEK: Yeah, that's the one.

22 JAMES FUTCH: Clark, which one is that in?

23 ADAM WEAVER: It's number four.

24 CLARK ELDREDGE: Number four.

25 ADAM WEAVER: Information notice number four.

1 CLARK ELDREDGE: Yeah. Because that's the
2 revision. Information number four was originally
3 released, basically specifying the calculation and
4 the appropriate -- that we didn't really have the
5 authority in that, so it was withdrawn and never
6 really updated. So even though everybody was kind
7 of still following it, because there really aren't
8 that many peer-reviewed approved methods for
9 adjusting, correcting or weighting the dose for
10 using aprons.

11 ADAM WEAVER: But there's probably 40 different
12 methods. Actually, I have 11 right here on the
13 paper.

14 CLARK ELDREDGE: Wow. I had not seen all
15 those.

16 ADAM WEAVER: Yeah. This was published -- I
17 don't know what date. I didn't put the publish
18 date. But I guess my main concern with, do we have
19 to use WT? Because all you're modifying is the
20 effective dose equivalent. And you're just using a
21 correction factor. Whatever's appropriate for your
22 site, whether you're using one badge at the collar
23 or wearing two badges. One at the collar, one at
24 the mid section under the apron.

25 CLARK ELDREDGE: Right.

1 ADAM WEAVER: So, you know, and it depends, you
2 know. There's so many different variables. What's
3 the thickness of your apron? Is everybody wearing
4 the same thickness? It may be true; may not. Some
5 doctors buy their own aprons because it may be more
6 comfortable for them to have a two-piece one versus
7 a single piece. There's all kind of -- there's so
8 many variations. And then there's a complete wrap
9 around, so there's so much -- but I just -- I don't
10 -- you know, doing a lot of internal dosimetry, the
11 weighting factors, really, only applied for internal
12 dose.

13 CHANTEL CORBETT: So more of a correction
14 factor.

15 ADAM WEAVER: Yeah. It should be just called a
16 correction factor.

17 CHANTEL CORBETT: Yeah.

18 ADAM WEAVER: And Landauer calls theirs --

19 CHANTEL CORBETT: A correction.

20 ADAM WEAVER: -- just a correction. They don't
21 even put factor. They just put correction. You
22 know, they have the two methods. The ED1, which you
23 can select, or the EB2. Again, it's only for
24 x-rays, scattered x-rays, you know, when people are
25 taking care of patients. Whether it's a doctor or

1 his or her assistant. That's it, you know, be close
2 enough to the patient, or maybe on the other side of
3 the patient because you get a lot of scatter.

4 CHANTEL CORBETT: Yeah.

5 ADAM WEAVER: And these lead aprons only do
6 good or offer any protection factor if you're
7 wearing them properly and only if it's scattered
8 x-rays, not --

9 CHANTEL CORBETT: Correct.

10 ADAM WEAVER: -- nothing to do with the primary
11 beam or -- and let's face it, most x-ray tubes don't
12 have much leakage nowadays based on their design.
13 So I was hoping we could change it to correction or
14 correction factor.

15 CLARK ELDREDGE: All right.

16 CHANTEL CORBETT: Second.

17 ADAM WEAVER: Huh?

18 CHANTEL CORBETT: I second that.

19 ADAM WEAVER: If you want, I can give you the
20 reference for the 11 different methods.

21 CLARK ELDREDGE: Yeah. I'd like to have that
22 anyway, but I won't need it for this. But, yes, I
23 would appreciate that. We'll need to include that.

24 ADAM WEAVER: I was amazed when I found it. I
25 mean there's table one, algorithms for calculations

1 of effective dose.

2 CLARK ELDREDGE: All right.

3 ADAM WEAVER: So I don't forget to give it to
4 you, I'll give it to you now.

5 CLARK ELDRIDGE: So I'll work through replacing
6 alternative WT with the correction to, you know, a
7 correction to -- you all can chime in, too.

8 ADAM WEAVER: Because, you know, there's an NRC
9 regulatory guide on this issue. 8.4.

10 CLARK ELDREDGE: No, I didn't know that.

11 ADAM WEAVER: Methods for measuring effective
12 dose equivalent from external exposure. It was
13 published, I guess, July 2010. I don't believe
14 there's any update. And there's an NCRP on this. I
15 believe there's an ICRP on it.

16 CLARK ELDREDGE: A correction to the effective
17 dose. Dose may be adopted under this scenario. So
18 at the beginning -- and I can follow through from
19 there. Where it says, second paragraph, an
20 alternative WT may be adopted, I can say a
21 correction to the effective dose may be adopted
22 under this scenario.

23 ADAM WEAVER: Maybe you add wording in there
24 that you want it to be approved before you actually
25 used it or, or you can't really use it after the

1 fact. Isn't that -- wasn't that one of your
2 objectives?

3 CLARK ELDREDGE: Well, one of -- well, you
4 can't -- for facilities that find they're in trouble
5 and they're trying to say, oh, well, yes, we were
6 having bad practices, we're just going to put a
7 correction backwards on this exposure, that we don't
8 particularly want to allow when people are adopting
9 it after they've gotten in trouble.

10 ADAM WEAVER: I mean, most of these facilities
11 are going to know.

12 JAMES FUTCH: Paragraph D. Paragraph D.

13 CHANTEL CORBETT: Right. That's kind of what
14 we said last meeting was the fact the majority of,
15 like hospitals especially, have been using
16 correction factors forever and ever, but they to
17 find approval letter, like, that's not going to
18 happen.

19 CLARK ELDREDGE: Yeah. We're not -- that's not
20 a big concern on our part.

21 CHANTEL CORBETT: Yeah.

22 CLARK ELDREDGE: We do want to make sure we get
23 it all caught up and updated and corrected but that
24 will take a couple years.

25 CHANTEL CORBETT: Right.

1 CLARK ELDREDGE: It will be certainly nothing
2 that involves any sort of enforcement action. It
3 will just be, hey, we need to get these things
4 updated.

5 CHANTEL CORBETT: Right.

6 CLARK ELDREDGE: It's like we need RPPs from
7 everybody and we're still -- I've been going through
8 files and there's people supposed to file their,
9 submit RPPs to us when they're not using the
10 standard RPPs, and we hardly have any of them out
11 there.

12 CHANTEL CORBETT: Right.

13 CLARK ELDREDGE: It's just cleaning it up.

14 JOSEPH DANEK: Are you done, Adam.

15 ADAM WEAVER: I'm done. I've had enough.

16 JOSEPH DANEK: My turn. I have a few comments
17 I've got.

18 JAMES FUTCH: Same one or different one?

19 JOSEPH DANEK: Same one. No, it's the same
20 one. Yeah, yeah. The rules are 64 E to the minus 5
21 decimal point 101. Right on the top there. If
22 you go to the very top. It didn't identify the
23 rules properly. 64E to the minus five point 101.
24 Right?

25 ADAM WEAVER: Yeah. Those are the definitions.

1 The definitions. 29 would be -- I believe we've --

2 JOSEPH DANEK: I know that 2943. Instead of
3 161. I think it's supposed to be 159.

4 ADAM WEAVER: I don't have the definitions.

5 JOSEPH DANEK: I went through 64E minus 5 point
6 101.

7 ADAM WEAVER: Point 101 of the definitions?

8 JAMES FUTCH: I think, did we miss the dash
9 five?

10 JOSEPH DANEK: Yeah. That's what I'm getting
11 at.

12 ADAM WEAVER: Yeah, I think we did. Yeah, you
13 left the dash 5 off.

14 GEORGE GILBRIDE: If you say something about
15 differentials, I'm leaving.

16 JAMES FUTCH: I'm sitting here trying to figure
17 out -- who the hell cares about to the negative 101.

18 ADAM WEAVER: Good pick up, Joe. I didn't even
19 pick up on that one.

20 JAMES FUTCH: It's pretty small.

21 JOSEPH DANEK: Yeah. And I'm pretty sure 161
22 should be 159 for weighting factor. Associated
23 with the weighting factor.

24 CLARK ELDREDGE: Yep, you know, you're right.
25 That's a typo.

1 ADAM WEAVER: It shouldn't be used here.

2 JOSEPH DANEK: Unless you want to talk about
3 [inaudible].

4 CLARK ELDRIDGE: No, no. Although that has its
5 own interests, it's not --

6 JOSEPH DANEK: Probably. And then this is just
7 an editorial. But C-2, standard setting body,
8 standard setting body or a national or
9 international. You have A-N there. It's in C-2.

10 JAMES FUTCH: Over here (indicating)?

11 JOSEPH DANEK: Yeah, right there.

12 My only other comment, I don't know if you want
13 to put that in there, in the information notes.
14 Maybe not. I'm just bringing it up. Is something
15 about the dose records will be reviewed
16 by the state during inspections. I don't know
17 if you want to put that in there or not. But
18 inspect. Hopefully the inspectors will come in
19 and look at the dose records when they apply these.
20 Well, they're not waiting factors. When they alter
21 the dose, that they're going to review them to make
22 sure they properly did it. So I don't know how --
23 if that should be [inaudible]

24 ADAM WEAVER: Well, usually these facilities
25 are going to use a commercial company to supply

1 their dosimeters. They're not going to do it on
2 their own.

3 JOSEPH DANEK: Oh, they're not going to do it? Oh.

4 ADAM WEAVER: So they're going to -- they're
5 going to tell the dosimeter company, these peoples'
6 badges, you should write -- use this correction
7 factor for because they're wearing aprons all the
8 time.

9 JOSEPH DANEK: Okay.

10 CHANTEL CORBETT: The down side of that is like
11 Landauer can say sometimes that the correction is
12 there.

13 ADAM WEAVER: Yeah. Landauer will tell you the
14 before and then the corrected value.

15 CHANTEL CORBETT: Yeah. Then you have some
16 problems with it later.

17 JOSEPH DANEK: So it's a little different
18 animal. Coming from the nuclear power plants when
19 we do --

20 ADAM WEAVER: Where you guys had your own
21 dosimetry program.

22 JOSEPH DANEK: Multiple badging and assigning
23 dose, we had to do it correctly.

24 ADAM WEAVER: Right.

25 JOSEPH DANEK: It does get inspected. This is

1 a different animal. But that's my only comments.

2 ADAM WEAVER: Yeah. You guys probably had your
3 own TLD program.

4 JOSEPH DANEK: We did, but we did a lot
5 of multi-badging and assigned the dose. We used
6 correction factors.

7 ADAM WEAVER: I guess, has anybody tried doing
8 this with electronic dosimetry yet? I don't know if
9 anybody is doing that yet. Eventually that will
10 come up.

11 MARK SEDDON: Yeah, you would think, because
12 most people using electronic dosimeters are using it
13 in a fluoro environment. High exposures. We're not
14 using ours at our facilities.

15 CHANTEL CORBETT: I think Sarasota Memorial was
16 looking into trying it. I'm not sure that they have
17 yet. I can check.

18 MARK SEDDON: I know Orlando Health is using
19 them, but I don't know if they're applying weighting
20 factors or not to them.

21 ADAM WEAVER: It would be interesting. For all
22 we know, they could be self-correcting.

23 CHANTEL CORBETT: Whether it's going to be a
24 live correction or --

25 ADAM WEAVER: Yeah. Maybe it's built into

1 the --

2 CHANTEL CORBETT: Right. Can I ask you a
3 question?

4 ADAM WEAVER: Interesting. Not something to
5 worry about yet, but, until we do it. Luckily, I
6 don't have a pain management guy anymore.

7 CLARK ELDREDGE: Okay. So, we'll go through and
8 adjust weighting, the WTL alternative weighting
9 factors and stuff to a dose correction factor and
10 make adjustments to the language.

11 So, what I'm trying to say are to be correct or,
12 you know, where tenses need to be corrected and word
13 agreement and stuff like that. So correct grammar
14 to match that. So that, the corrections and the
15 fact that 161 as supposed to 159.

16 ADAM WEAVER: And add the dash five.

17 CHANTEL CORBETT: I think you've got the dash.
18 You need the five and the period.

19 JAMES FUTCH: That's what I was saying. Do we
20 have a 101? I'm sure we have a 101.

21 CLARK ELDREDGE: Oh. You know, it's amazing
22 how when you know what it says, you can never read
23 it.

24 CHANTEL CORBETT: Oh, yeah, your mind fills it
25 in.

1 REBECCA McFADDEN: Your mind, yeah, fills it
2 in.

3 ADAM WEAVER: It just skips over that 4-5.
4 It's because you need to use four. What's the other
5 one?

6 JAMES FUTCH: Are we done with this one?

7 CLARK ELDREDGE: Are we're done with this one?
8 So would you all accept everything with that -- you
9 all --

10 MARK SEDDON: Other than what we talked about
11 the whole summing dose for people who are badged
12 with weighting factors, do you want to say anything
13 to that? A statement that they can, some cumulative
14 annual exposure across multiple facilities, some use
15 weighting factors; some don't.

16 CLARK ELDREDGE: I mean, summing across the
17 facilities is already in the code, but you're right.

18 MARK SEDDON: Should we clarify that or not?

19 CLARK ELDREDGE: Should we clarify it?

20 ADAM WEAVER: Was it covered in this one?

21 CLARK ELDREDGE: Was it used in one and one
22 not?

23 CHANTEL CORBETT: Than what?

24 MARK SEDDON: For example, like say a physician
25 who works at two facilities, one facility is using a

1 weighting factor, one facility doesn't.

2 CHANTEL CORBETT: Right.

3 MARK SEDDON: You know, when you're summarizing
4 for the maximum permissible, can you utilize -- how
5 do you do that?

6 CHANTEL CORBETT: That's what I'm saying. Do
7 you want to say the correction factor --

8 MARK SEDDON: The corrected dose is used for --
9 do you need --

10 CHANTEL CORBETT: Across the board?

11 MARK SEDDON: Yeah. Well, no, not across the
12 board. Should that be used in summing it with
13 the -- you're not equal, I guess what I'm trying to
14 say.

15 CHANTEL CORBETT: Yeah.

16 MARK SEDDON: So, should we clarify that?

17 CHANTEL CORBETT: Well, I mean, it's hard not
18 to get those actual doses at one facility. As much
19 as you try to get three facilities to agree. But,
20 yeah. I don't know that --

21 ADAM WEAVER: It's hard to imagine.

22 CHANTEL CORBETT: Because like Landauer gives
23 you the meter report, but I don't know that the
24 corrections ever show up on a meter report, to my
25 knowledge.

1 MARK SEDDON: The meter report. No.

2 ADAM WEAVER: No. They just report the
3 effective dose.

4 MARK SEDDON: Just the raw dose.

5 CHANTEL CORBETT: Right. So I don't know that
6 there's a way unless you're the RSO for all those
7 facilities, like to know whether they're doing
8 correction facilities or not in any of them. So the
9 meter report would be the only way to --

10 ADAM WEAVER: That's why you've got to keep
11 track of them as well as you can.

12 MARK SEDDON: So maybe it's --

13 CHANTEL CORBETT: That's the rule is that no
14 matter what license you're on --

15 ADAM WEAVER: You're going to have to live with
16 it until --

17 CHANTEL CORBETT: Everywhere they're badged,
18 they should be combined.

19 ADAM WEAVER: I mean, you must have a --
20 require them to notify you that they work -- they're
21 working for you and then they work for --

22 MARK SEDDON: Right.

23 ADAM WEAVER: -- XYZ down the road or
24 something.

25 MARK SEDDON: Or you review the meter report

1 and they're showing up somewhere else.

2 ADAM WEAVER: Only if they're using Landauer.

3 MARK SEDDON: Only if they're using Landauer.

4 CHANTEL CORBETT: Right.

5 ADAM WEAVER: A lot of places are trying to
6 switch because Landauer is pricey.

7 CHANTEL CORBETT: Yeah. It's complicated.

8 MARK SEDDON: Okay. Well, I think -- since
9 this is just for a registrant to follow, then I
10 guess you don't have to worry about it since it's
11 for individuals.

12 CLARK ELDREDGE: Any concern for moving forward
13 once I do the updates?

14 JAMES FUTCH: I think you have the gavel.
15 You're the vice-chair.

16 MARK SEDDON: Oh, yes. I'm sorry. Any further
17 discussion on this?

18 (Laughter)

19 MARK SEDDON: We have a motion to approve --
20 move forward with the edits suggested by Clark.

21 JOSEPH DANEK: I go forward with the motion to
22 approve.

23 MARK SEDDON: Second?

24 ADAM WEAVER: Second.

25 DR. RANDY SCHENKMAN: All in favor?

1 ALL: Aye.

2 MARK SEDDON: Any nays?

3 (No response)

4 MARK SEDDON: All right. Move forward.

5 CLARK ELDREDGE: Next.

6 ADAM WEAVER: Thank you, Clark.

7 JAMES FUTCH: Open another one of these?

8 CLARK ELDREDGE: Yeah.

9 JAMES FUTCH: Okay. Which one?

10 CLARK ELDREDGE: Either one.

11 ADAM WEAVER: The gonadal shield is pretty

12 straightforward. Sign in.

13 JAMES FUTCH: This is what happens when you

14 forget to activate your license before you leave

15 town.

16 ADAM WEAVER: At least we got 64.

17 JOSEPH DANEK: Okay. Comments. That's the

18 same -- no, actually, you got a --

19 ADAM WEAVER: Isn't it supposed to be dash

20 five?

21 JOSEPH DANEK: Yeah. 64E 5 is wrong. It's

22 just an editorial comment there. Correct that first

23 sentence.

24 JAMES FUTCH: Let's let the lawyers do it.

25 JOSEPH DANEK: Yeah, they probably changed it.

1 JAMES FUTCH: They love that stuff.

2 JOSEPH DANEK: 5-502. Easy correction.

3 ADAM WEAVER: This is back from 2019?

4 CHANTEL CORBETT: You're very efficient.

5 JOSEPH DANEK: Are you correcting them right
6 there in front of us?

7 CLARK ELDREDGE: He's correcting there; I'm
8 correcting here. So we'll make plenty of mistakes
9 when we try to combine them.

10 JAMES FUTCH: I'm not able to correct them.

11 CLARK ELDREDGE: I'm trying to -- I must have
12 done a bulk replace. Why did it repeat so many
13 times?

14 MARK SEDDON: So are there any questions or
15 comments?

16 JOSEPH DANEK: I do, actually, because 502 ends
17 after diagnostic procedure. Then the sentence that
18 begins, this is only, this is the only instance,
19 that's not a part of 502. That should be a separate
20 paragraph. Do see where that is?

21 CHANTEL CORBETT: Yeah.

22 JOSEPH DANEK: It almost looks like that's --

23 CHANTEL CORBETT: Halfway through the
24 paragraph.

25 JOSEPH DANEK: Yeah, halfway through the

1 paragraph. The way you read it, that's still part
2 of 502 and it's not. It just becomes a separate
3 paragraph.

4 JAMES FUTCH: It should be part of this?

5 JOSEPH DANEK: Yeah. Right there where it
6 says -- right there. That's a separate paragraph.

7 REBECCA McFADDEN: New paragraph.

8 JOSEPH DANEK: And then in the following
9 paragraph, it talks about the, it should be
10 Australian College of Physical Scientists. Yeah,
11 next to the last line.

12 ADAM WEAVER: Oh, yeah, what did they get
13 there?

14 REBECCA McFADDEN: Yeah. Australiation.

15 CHANTEL CORBETT: You never know. It could be
16 a thing. You never know.

17 REBECCA McFADDEN: Covering all bases.

18 JAMES FUTCH: Joining the continents together.

19 CHANTEL CORBETT: Asian, Australian.

20 CLARK ELDREDGE: It could be a pan.

21 JOSEPH DANEK: That's okay.

22 DR. NICHOLAS PLAXTON: The whole side of the
23 hemisphere. North and south. A new name.

24 CHANTEL CORBETT: Eastern --

25 REBECCA McFADDEN: It probably is. It probably

1 auto corrected it.

2 ADAM WEAVER: Cindy, did you give them that
3 name?

4 JOSEPH DANEK: Okay. A couple more. In the
5 next to the last paragraph, last sentence. It's
6 practitioner instead of prectitioners.

7 ADAM WEAVER: Licensed practitioner?

8 JOSEPH DANEK: Licensed practitioner.

9 ADAM WEAVER: Not quite.

10 JAMES FUTCH: There you go.

11 JOSEPH DANEK: One more. One more in the last
12 sentence. It's Bureau of Radiation Control rather
13 than --

14 JAMES FUTCH: Obviously, spellcheck is
15 important.

16 JOSEPH DANEK: -- Radiaton (ph).

17 ADAM WEAVER: You can't spellcheck these
18 documents.

19 MARK SEDDON: Are there any conceptual comments
20 or discussions?

21 JOSEPH DANEK: Purely editorial. That's all
22 I'm picking up. Actually, everything is editorial.
23 That's it. That's all I have.

24 MARK SEDDON: I know we discussed this at
25 previous meetings. I don't think there's any --

1 ADAM WEAVER: I think we voted on it before,
2 too, didn't we?

3 MARK SEDDON: No, we never voted on it.

4 REBECCA McFADDEN: We created it.

5 MARK SEDDON: Well, we had a discussion and we
6 clarified this saying that we as a group, decided
7 that this was true. And then now Clark is, because
8 of the constant calls and comments probably creating
9 this to formalize what we had said and what the
10 Department agrees.

11 ADAM WEAVER: And what the national --

12 MARK SEDDON: Matches all the national
13 organizations.

14 CHANTEL CORBETT: Right.

15 ADAM WEAVER: Yeah. Okay.

16 REBECCA McFADDEN: And now we're
17 grammatically --

18 CHANTEL CORBETT: Correct.

19 REBECCA McFADDEN: -- correct.

20 MARK SEDDON: Other than the editorial
21 suggestions, are there any other comments? No? Do
22 you have a motion?

23 CHANTEL CORBETT: Motion to accept.

24 MARK SEDDON: Accept? Second?

25 REBECCA McFADDEN: Second.

1 MARK SEDDON: All in favor?

2 ALL: Aye.

3 MARK SEDDON: Any nays?

4 (No response)

5 MARK SEDDON: No. All right. Very good.

6 Next?

7 ADAM WEAVER: He's taking control. Good.

8 JAMES FUTCH: You get to see this one more
9 time.

10 MARK SEDDON: This is the one Clark has
11 presented to us a couple times. Was there any
12 changes from last time?

13 CLARK ELDREDGE: Yes, there was. Let me try
14 and get my copy. I can't read that that well.
15 Okay. Here it is. Actually, there wasn't any
16 significant change on this one.

17 MARK SEDDON: I didn't notice any.

18 CLARK ELDREDGE: No. Although on top of this
19 one, I am -- there are recently two things that have
20 come up, if I can remember both. The one is the
21 fact that somebody received a dose outside of the
22 therapy. They received a therapeutic dose when the
23 therapy wasn't actually thought to be running.

24 JAMES FUTCH: Was this an engineering going on
25 and someone was in the way and took the dose?

1 CLARK ELDREDGE: Yeah. It was an engineering
2 problem. It was a hardware/software failure.

3 So as far as a rule proposed language and
4 updating, expanding the definition of medical event
5 to include those cases when a dose is provided to a
6 patient completely unintended.

7 MARK SEDDON: But isn't there a separate
8 regulation regarding that on exposure?

9 JAMES FUTCH: Unintended exposure?

10 MARK SEDDON: Yeah.

11 ADAM WEAVER: That would fall under unlicensed
12 practice.

13 MARK SEDDON: Maybe I'm thinking somewhere
14 else.

15 CLARK ELDREDGE: I mean, there are, but when a
16 member of the public is exposed and things like
17 that.

18 MARK SEDDON: Right.

19 CLARK ELDREDGE: There are other areas of
20 exposure. It's not part of the medical event saying
21 the medical facility, itself --

22 MARK SEDDON: Right. I gotcha.

23 CLARK ELDREDGE: -- needs to address the issue,
24 analysis and all that.

25 ADAM WEAVER: Can you just go back up to the

1 top one.

2 JAMES FUTCH: Sure. Right here?

3 ADAM WEAVER: Yeah, number two. Wrong
4 individual or human research subject.

5 JAMES FUTCH: It was the right individual
6 but --

7 MARK SEDDON: That's the existing regulation.

8 CLARK ELDREDGE: Yeah, that's existing.

9 MARK SEDDON: In quotes.

10 ADAM WEAVER: I'm just wondering why do you
11 call it research subject?

12 CHANTEL CORBETT: Because they're being
13 researched.

14 ADAM WEAVER: I mean, we don't do any research.

15 CLARK ELDREDGE: You know, you'll have to ask
16 whoever wrote that however long ago.

17 CHANTEL CORBETT: Prior to approval?

18 ADAM WEAVER: That means you have to get the
19 IRB involved.

20 CHANTEL CORBETT: Well, that's what I'm saying.
21 There's lot of those studies being done, though.

22 CLARK ELDREDGE: Yeah. I mean, this may go
23 back to cancer research treatment.

24 ADAM WEAVER: Well, external beams --

25 MARK SEDDON: I think this is almost word for

1 word from the NRC, isn't it? Not NRC. CRCPD.

2 CLARK ELDREDGE: Yeah. I mean, you can
3 certainly see that, when somebody was testing out
4 IMRT or one of those new methodologies, that
5 would've been -- technically, it hadn't been
6 approved yet, so it would've been a research subject
7 getting cancer treatment with a new modality.

8 CHANTEL CORBETT: Right.

9 GEORGE GILBRIDE: Well, wouldn't that work
10 with, like, also, like, human research? That's also
11 still experimental?

12 JAMES FUTCH: Human research subjects are not
13 individuals.

14 MARK SEDDON: It's experimental, but it was,
15 yeah.

16 GEORGE GILBRIDE: All right.

17 DR. NICHOLAS PLAXTON: The word subject you
18 mean?

19 ADAM WEAVER: Huh? That's why I'm wondering
20 why do you need the -- if you're the wrong
21 individual, why do you need or human subject? Or
22 human research subject?

23 JAMES FUTCH: The only thing I can think of is
24 somebody objected.

25 GEORGE GILBRIDE: Okay.

1 DR. NICHOLAS PLAXTON: It does seem redundant.

2 CLARK ELDREDGE: That's why the human research
3 subject language.

4 ADAM WEAVER: It just seems very redundant.
5 Why --

6 DR. NICHOLAS PLAXTON: Individuals would be
7 inclusive of human beings.

8 CHANTEL CORBETT: Right. That includes those
9 other humans, right.

10 JAMES FUTCH: Maybe some lawyers got involved
11 decades ago and said no, it doesn't.

12 DR. NICHOLAS PLAXTON: Probably.

13 CHANTEL CORBETT: Yeah. Same reason CT is not
14 in the regs.

15 ADAM WEAVER: I mean, an individual would cover
16 research or medically necessary.

17 DR. NICHOLAS PLAXTON: Yeah, all the above. In
18 theory.

19 CLARK ELDREDGE: Well, we can change any
20 natural person, you know.

21 CHANTEL CORBETT: Natural.

22 GEORGE GILBRIDE: Unnatural person.

23 JAMES FUTCH: Seriously, Clark, is individual
24 defined in the regs? To only mean patients?

25 CLARK ELDREDGE: Excuse me? James, I couldn't

1 hear you.

2 JAMES FUTCH: Is individual defined narrowly in
3 the regulations some place?

4 CLARK ELDREDGE: Not that I'm aware of.

5 MARK SEDDON: Any other comments on this
6 particular one? I know we've talked about it
7 before. Other than, I know you said you might be
8 making another tweak to it.

9 CLARK ELDREDGE: Well, actually, I mean, it's a
10 code standard that I need to -- it can't be in here
11 because it's not code yet.

12 MARK SEDDON: Gotcha. Very good. So do we
13 want to make a motion to move this to --

14 (Adam Weaver Leaves the Meeting)

15 JAMES FUTCH: You just lost your quorum. He
16 walked out the door.

17 MARK SEDDON: Yeah, that's right.

18 DR. NICHOLAS PLAXTON: We were that close.

19 MARK SEDDON: No more bathroom breaks.

20 CHANTEL CORBETT: Well, we'll table that until
21 he gets back.

22 MARK SEDDON: Yeah. Once he gets back -- as we
23 close the meeting, we'll approve. But pending a
24 return.

25 CHANTEL CORBETT: Pending Adam's approval.

1 REBECCA McFADDEN: We'll just yell at him over
2 the stall.

3 (Laughter)

4 REBECCA McFADDEN: Are you in or are you out?

5 GEORGE GILBRIDE: Okay. You go ahead.

6 MARK SEDDON: All right. Do we want to move on
7 to --

8 REBECCA McFADDEN: We need a yay or a nay. Now
9 he's knocking on the bathroom door. Our quorum out
10 there.

11 GEORGE GILBRIDE: Occupied.

12 JAMES FUTCH: Okay. Do you want me to do mine
13 or try to start it anyway?

14 JOSEPH DANEK: Sounds good.

15 JAMES FUTCH: Okay. So I wanted to first tell
16 you at the last meeting, we discussed some
17 continuing education regulation changes to
18 64E-3.009. I'm not going to go back over all of
19 that, but those are now in process. And hopefully,
20 in another six months, they'll actually become part
21 of the regulations.

22 These are the ones to change some of the
23 activities to meet the national standards. Does
24 anybody want to go over that again? No? Okay.
25 Good.

1 And then in terms of reports for us in our
2 section, we're currently in the time of year where
3 we're doing, renewals have gone out for continuing
4 education courses and providers. We have, I think,
5 somewhere in the neighborhood of 650 providers and 4
6 to 5,000 courses, depending upon the time of year
7 that you take the number.

8 The courses that we're working on will all
9 expire at the end of January. So these are all the
10 courses that are -- that we issued three years ago.

11 In terms of seeing -- sticking with the subject
12 of CE, year to date, we've audited 40 CE courses and
13 13 providers. This is not something new, but the
14 tracking of it. And the numbers is new because of
15 the -- trying to comply with the national standards
16 for proceeding.

17 CHANTEL CORBETT: Question on auditing.

18 JAMES FUTCH: Sure.

19 CHANTEL CORBETT: So when auditors come to
20 audit a course, is it appropriate for them to get
21 CEUs for those talks --

22 JAMES FUTCH: Are you saying this has happened?

23 CHANTEL CORBETT: -- as individuals? Just a
24 question.

25 DR. NICHOLAS PLAXTON: That's a no.

1 JAMES FUTCH: Not typically.

2 CHANTEL CORBETT: Okay. That's kind of where
3 my mind went to, but okay. Thanks.

4 JAMES FUTCH: Let me know -- if you know
5 something that's going on, let me know.

6 CHANTEL CORBETT: Okay.

7 JAMES FUTCH: Dropping back into some of the
8 weekly stuff. We have, typically, new courses being
9 approved all the time. It varies from week to week
10 and year to year. Currently, for the past couple
11 weeks, it's about 40 new courses per week and that
12 may be roughly tied to people realizing, oh, look.
13 These courses need to be renewed. What about these
14 other courses? Those aren't approved. Let's submit
15 them and get them approved.

16 Any questions on the CE aspect, continue
17 education aspects of it?

18 (Adam Weaver Reenters the Meeting)

19 JAMES FUTCH: Enforcement. It's always fun to
20 talk about enforcement. Currently, we have 57
21 complete -- currently, we have 57 cases open against
22 the radiologic technology profession, and those
23 involve about the same number of rad techs. We
24 also, because of being the Bureau of Radiation
25 Control and the kinds of things that the inspectors

1 find or that the Department in MqA come and ask us
2 about, we have also opened cases against other
3 practitioners. Occasionally medical physicists,
4 occasionally physicians, and we don't keep track of
5 the numbers of those.

6 We're supposed to have a meeting to -- we do
7 probable cause meetings probably every two months,
8 and I think the next one is a couple weeks from
9 today. And apparently, there's a couple medical
10 physicists on the agenda for that one.

11 And I think that's almost it. Putting my IT
12 hat on for a second, we're in the middle of trying
13 to convert some of our older systems to more modern
14 technologies that will allow for greater
15 functionality and features. And that is probably
16 year-long-type endeavor.

17 So that's it. Any questions?

18 CHANTEL CORBETT: It may be slightly off but
19 connected. So I know that, you know, obviously, the
20 more and more you go toward electronic capability
21 and submitting things and whatever --

22 JAMES FUTCH: Go to the library. They always
23 have access to web research.

24 CHANTEL CORBETT: No, no, no.

25 JAMES FUTCH: Oh, I thought this was somebody

1 that says, what if you don't have a computer?

2 CHANTEL CORBETT: No. I'm not in that field.

3 JAMES FUTCH: Where are you living?

4 CHANTEL CORBETT: The question is, are you also
5 looking to be able to accept DocuSign signatures on
6 submissions for applications?

7 ADAM WEAVER: License amendments?

8 CHANTEL CORBETT: Yeah, exactly. Because we
9 have a lot of remote physicians and things like that
10 these days.

11 ADAM WEAVER: Yep.

12 CHANTEL CORBETT: And not being able to send in
13 a DocuSign as a signature is becoming more and more
14 of an issue. So if that isn't part of the request
15 going forward, I would appreciate it.

16 JAMES FUTCH: I do not believe it was, but I'm
17 writing it down.

18 CHANTEL CORBETT: Add it.

19 ADAM WEAVER: It should be considered. I
20 second that.

21 JOSEPH DANEK: Talk about seconding things,
22 Clark, when you get back to this --

23 DR. NICHOLAS PLAXTON: Do we have a quorum?

24 CHANTEL CORBETT: Oh, yeah, wait. We have a
25 quorum back. Adam is back.

1 MARK SEDDON: Adam is back, so we need to have
2 a vote. We already have a second. We need a vote
3 to approve the medical event draft notice that Clark
4 has submitted. All in favor?

5 ALL: Aye.

6 MARK SEDDON: Any nays?

7 (No Response)

8 MARK SEDDON: No nays. All right. There you
9 go.

10 Anything else, Clark?

11 CLARK ELDREDGE: I think we're good. I can
12 probably come up with more, but let's call it now.

13 MARK SEDDON: James?

14 JAMES FUTCH: Nothing. I'm done.

15 MARK SEDDON: Anyone else?

16 ADAM WEAVER: We can be here longer.

17 MARK SEDDON: All right. We're all good.

18 Meeting is adjourned.

19 CHANTEL CORBETT: Woo hoo.

20 JAMES FUTCH: And you will see some e-mails
21 from Brenda about the next meeting dates and things
22 like that.

23 ADAM WEAVER: April 19th.

24 CHANTEL CORBETT: Thank you everybody.

25 (Proceedings concluded at 2:41 p.m.)

1 CERTIFICATE OF REPORTER

2 STATE OF FLORIDA:

3 COUNTY OF ORANGE:

4

5 I, RITA G. MEYER, RDR, CRR, CRC, do hereby certify
6 that I was authorized to and did stenographically report
7 the foregoing proceedings and that the foregoing
8 transcript is a true and correct record of my
9 stenographic notes.

10 I FURTHER CERTIFY that I am not a relative,
11 employee, attorney or counsel of any of the parties, nor
12 am I a relative or employee of any of the parties,
13 attorneys or counsel connected with the action, nor am I
14 financially interested in the outcome of the action.

15

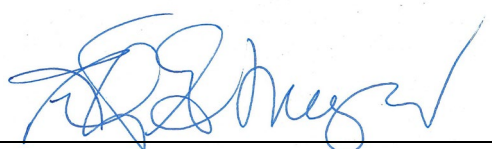
DATED this 27th day of December, 2021.

16

17

18

19



RITA G. MEYER, RDR, CRR, CRC

20

21

22

23

24

25

ADAM WEAVER:

[146] 5/25 6/15
 44/18 45/6 45/9
 45/14 46/11 47/5
 48/1 48/18 48/24
 49/15 50/11
 50/15 53/12
 53/17 54/20
 55/18 56/23
 76/14 77/16
 78/13 78/17 79/5
 80/23 81/4 95/1
 107/15 107/22
 107/25 108/3
 108/11 108/15
 109/1 109/9
 109/17 109/24
 110/1 110/7
 111/9 111/11
 112/2 112/6
 112/12 112/22
 113/7 117/15
 117/19 120/3
 120/14 120/20
 121/25 122/17
 122/20 122/24
 123/3 124/6
 124/10 124/12
 124/18 125/9
 125/25 126/8
 131/20 139/2
 139/11 139/21
 139/25 140/4
 140/15 140/18
 140/22 140/24
 141/10 141/15
 141/25 142/14
 142/17 142/19
 143/4 143/9
 143/16 143/18
 143/23 144/2
 144/7 144/10
 144/22 145/9
 146/14 146/24
 147/6 147/11
 147/17 147/25
 148/23 149/3
 149/12 149/19
 149/23 150/1
 150/6 150/20
 150/24 151/3

151/15 152/2
 152/19 153/20
 154/1 154/9
 154/14 154/18
 154/22 155/1
 155/4 155/23
 156/5 156/10
 156/15 156/18
 157/2 158/11
 159/1 159/6
 159/8 159/16
 159/25 160/10
 160/14 161/6
 162/10 162/24
 163/2 163/9
 163/13 163/17
 163/23 164/18
 165/3 165/14
 171/6 171/10
 171/18 172/15
 172/22

ALL: [4] 7/25
 106/20 155/25
 172/4

CHANTEL**CORBETT:**

[157] 21/3 21/6
 21/9 27/1 27/4
 27/8 31/23 32/1
 32/8 32/12 34/11
 39/10 39/22
 39/25 40/3 40/9
 40/14 40/18
 42/22 43/23
 44/10 44/15
 44/24 45/2 45/8
 45/11 45/16
 45/19 45/22 46/7
 46/13 46/16
 46/22 47/6 47/14
 47/17 47/24 48/7
 48/15 49/1 49/9
 49/11 49/16
 49/21 49/25 50/4
 50/9 50/16 50/19
 50/21 51/16
 51/21 51/25 52/2
 52/8 53/9 53/14
 53/19 53/24 54/1
 54/7 54/10 54/15
 54/22 55/4 55/12
 55/19 56/4 56/8

56/15 56/18
 56/21 56/25
 57/10 76/12
 76/17 76/20 89/5
 89/11 89/14
 112/24 120/25
 121/3 121/13
 122/22 123/1
 124/11 125/7
 126/4 126/15
 140/6 140/10
 140/12 142/12
 142/16 142/18
 143/3 143/8
 143/15 143/17
 145/12 145/20
 145/24 146/4
 146/11 149/9
 149/14 150/14
 150/22 151/1
 151/16 151/23
 152/22 153/1
 153/5 153/9
 153/14 153/16
 153/21 154/4
 154/12 154/16
 155/3 155/6
 157/3 157/20
 157/22 158/14
 158/18 158/23
 160/13 160/17
 160/22 163/11
 163/16 163/19
 164/7 165/7
 165/12 165/20
 166/19 166/24
 168/16 168/18
 168/22 169/1
 169/5 170/17
 170/23 171/1
 171/3 171/7
 171/11 171/17
 171/23 172/18
 172/23

CINDY BECKER:

[28] 5/4 8/5 8/9
 8/17 8/22 9/1 9/3
 9/6 9/21 10/1
 10/6 10/8 10/25
 12/11 12/13
 12/16 42/2 42/10
 46/1 53/21 53/25

54/3 54/9 54/14
 54/23 55/6 56/2
 139/8
CLARK
ELDREDGE:
 [104] 5/9 56/12
 56/16 56/20
 57/16 80/11 99/3
 100/22 103/17
 104/3 104/10
 104/14 104/17
 104/19 105/11
 105/14 107/12
 107/18 107/23
 108/2 108/8
 108/14 108/17
 109/3 109/10
 109/13 109/23
 109/25 110/4
 110/16 110/21
 110/25 111/10
 111/12 111/19
 111/23 112/4
 112/7 112/14
 112/25 113/10
 123/8 123/19
 123/22 128/11
 128/25 130/10
 130/14 131/21
 132/3 133/2
 133/8 133/17
 138/10 138/22
 139/5 139/9
 139/12 139/16
 140/23 140/25
 141/13 141/24
 143/14 143/20
 144/1 144/9
 144/15 145/2
 145/18 145/21
 145/25 146/5
 146/12 147/23
 151/6 151/20
 152/6 152/15
 152/18 152/20
 155/11 156/4
 156/7 156/9
 157/6 157/10
 158/19 161/12
 161/17 161/25
 162/14 162/18
 162/22 163/7

163/14 163/21
 164/1 165/1
 165/18 165/24
 166/3 166/8
 172/10
CLARK
ELDRIDGE: [1]
 144/4
DOUGLASS
COOKE: [21]
 9/16 97/13
 121/16 123/13
 123/23 124/3
 124/8 124/14
 124/19 124/24
 125/4 125/8
 125/17 125/21
 125/23 126/10
 126/18 127/6
 127/12 127/23
 128/7
DR. LIO YU:
 [6] 4/7 57/14
 69/5 90/10 94/17
 97/16
DR. NICHOLAS
PLAXTON: [32]
 5/22 6/12 14/6
 78/12 78/16
 86/19 87/4 87/17
 87/22 88/3 88/11
 90/2 94/10 121/4
 121/7 121/10
 122/19 123/2
 125/20 126/17
 126/22 126/25
 133/16 158/21
 164/16 164/25
 165/5 165/11
 165/16 166/17
 168/24 171/22
DR. RANDY
SCHENKMAN:
 [43] 3/13 5/2 6/2
 6/13 6/16 7/6 7/9
 8/1 8/3 8/8 8/24
 9/2 9/13 9/15
 9/19 10/5 10/7
 12/9 26/15 28/10
 37/2 57/3 57/5
 57/11 105/23
 106/2 106/25

DR. RANDY SCHENKMAN:

... [16] 107/3
107/8 113/11
122/13 123/6
123/10 124/1
124/22 125/22
126/2 126/13
127/4 127/21
128/6 128/8
155/24
GAIL CURRY:
[52] 12/12 12/21
13/12 14/3 14/20
15/2 15/12 15/15
15/19 16/5 18/15
18/19 19/21 20/7
20/18 20/22
21/20 23/12
23/17 23/20
23/24 24/2 24/7
24/13 24/15 25/3
25/14 25/17
25/20 25/22 26/3
26/6 26/9 26/21
27/12 27/23 28/2
28/5 28/8 30/11
30/14 30/18
30/24 31/3 34/19
34/23 35/3 35/5
36/13 36/20 37/1
133/1
GEORGE GILBRIDE:
[56] 5/12 12/19
18/17 19/3 19/5
19/22 20/3 20/8
20/17 20/21 21/5
21/8 21/11 22/5
23/15 23/23
23/25 24/5 24/10
26/11 26/14 27/3
27/6 27/11 27/16
28/1 28/4 28/7
28/9 39/8 48/14
51/11 52/4 53/7
53/11 110/3
110/8 110/20
110/24 111/17
111/22 113/3
124/21 125/2

126/5 126/16
127/10 132/2
133/7 147/13
164/8 164/15
164/24 165/21
167/4 167/10

GIOVANNA MANNING:

[40] 9/9 26/12
37/5 38/20 38/23
39/1 39/7 39/19
40/8 40/11 40/17
41/2 42/7 42/16
42/19 42/21
43/22 44/5 44/13
44/21 45/1 45/4
46/2 46/9 46/15
46/21 49/8 49/10
50/1 50/3 51/15
51/18 57/2 57/4
120/7 120/10
120/15 122/7
126/7 128/23

JAMES FUTCH:

[104] 4/23 7/23
8/16 8/21 12/15
12/23 13/14 14/7
14/21 14/24
15/18 16/4 18/14
22/6 23/13 23/18
24/14 24/16 25/4
25/24 26/5 26/7
26/16 28/12
29/23 30/13
32/15 32/24
33/10 33/17
34/14 35/7 35/11
36/19 36/21
38/16 38/24 39/5
39/9 40/19 41/25
42/3 42/8 42/12
42/20 57/7
103/16 106/5
120/5 120/16
121/20 123/9
123/12 123/21
125/6 125/11
126/6 128/10
139/14 140/17
140/21 145/11
146/17 147/7
147/15 147/19

148/9 151/18
152/5 155/13
156/6 156/8
156/12 156/23
156/25 157/9
158/3 158/17
159/9 159/13
161/7 161/23
162/8 163/1
163/4 164/11
164/22 165/9
165/22 166/1
166/14 167/11
167/14 168/17
168/21 168/25
169/3 169/6
170/21 170/24
171/2 171/15
172/13 172/19

JOHN**WILLIAMSON:**

[19] 110/17
113/13 117/11
117/16 117/20
120/2 120/9
120/12 120/18
120/22 121/2
121/5 121/8
121/11 121/18
121/23 122/3
122/9 122/16

JOSEPH DANEK:

[58] 7/7 9/4 9/22
76/6 76/8 76/18
76/22 77/3 77/9
93/25 94/5 117/9
120/1 124/9
125/15 126/1
139/18 139/23
140/1 140/9
140/11 140/14
140/20 146/13
146/15 146/18
147/1 147/4
147/9 147/20
148/1 148/5
148/10 149/2
149/8 149/16
149/21 149/24
150/3 155/20
156/16 156/20
156/24 157/1

157/4 157/15
157/21 157/24
158/4 158/7
158/20 159/3
159/7 159/10
159/15 159/20
167/13 171/20

JOSHUA**SWINDLE:**

[31] 60/22 67/5
70/20 76/7 77/17
78/7 78/14 78/21
79/7 79/16 79/19
80/25 81/7 81/16
81/19 82/4 82/11
83/15 87/1 87/5
87/19 87/23 88/9
88/13 89/7 89/13
89/15 97/8 98/13
99/5 99/7

MARK SEDDON:

[103] 5/7 30/15
30/19 31/2 31/6
31/25 32/2 32/10
32/13 32/18 33/4
33/14 33/18
34/16 34/20 35/1
35/4 35/6 35/10
39/20 39/23 40/1
45/17 45/21
45/24 47/11
47/15 47/18 48/2
51/22 52/1 79/9
79/18 80/7 80/22
81/14 81/18 82/1
82/7 83/12 108/4
108/9 109/12
109/16 121/9
121/12 138/6
138/21 150/10
150/17 152/9
152/17 152/23
153/2 153/7
153/10 153/15
153/25 154/3
154/11 154/21
154/24 155/2
155/7 155/15
155/18 155/22
156/1 156/3
157/13 159/18
159/23 160/2

160/4 160/11
160/19 160/23
160/25 161/2
161/4 161/9
161/16 162/6
162/9 162/12
162/17 162/21
163/6 163/8
163/24 164/13
166/4 166/11
166/16 166/18
166/21 167/5
171/25 172/5
172/7 172/12
172/14 172/16

REBECCA**McFADDEN:**

[46] 5/19 8/11
9/10 12/18 14/5
25/7 25/16 25/19
25/21 26/8 26/19
28/18 48/13
49/19 49/23 50/2
50/7 50/10 50/12
50/18 50/20 52/6
53/4 56/5 56/10
57/8 63/2 82/8
82/12 82/23
83/24 97/6
125/10 125/24
151/25 158/6
158/13 158/16
158/24 160/3
160/15 160/18
160/24 166/25
167/3 167/7

STEVEN SCOTT:

[36] 4/5 62/2
63/1 63/3 76/16
76/21 76/23 77/4
82/17 82/24
83/25 85/16
85/19 89/19 91/9
94/4 94/6 95/2
95/11 97/11
97/14 99/6 99/19
101/18 104/2
104/6 104/13
104/16 104/18
104/20 105/13
105/16 106/3
106/6 106/21

	14 [2] 129/21 129/21	2019 [1] 157/3	5	85 [3] 17/16 107/20 128/18
STEVEN SCOTT:	15 [10] 14/16 26/11 26/24 44/1	2021 [2] 1/18 173/15	5,000 [1] 168/6	8th [1] 124/22
... [1] 106/23	101/21 114/10	2022 [2] 38/5 55/12	5-15 [1] 26/24	9
WILLIAM	114/24 119/3	2023 [1] 55/12	5-502 [1] 157/2	99 [2] 71/3 98/5
ATHERTON:	129/8 129/9	21st [3] 125/8 125/19 125/21	5.4 [1] 71/6	99.3 [2] 70/23 98/5
[11] 5/15 9/17	159 [3] 147/3 147/22 151/15	23rd [1] 125/5	50 [4] 81/4 84/20 96/11 108/5	
77/10 78/6 78/15	1600 [1] 97/20	250 [1] 61/6	50/50 [1] 96/11	A
78/18 85/12	161 [3] 147/3 147/21 151/15	275 [1] 94/9	500 [1] 118/1	A-N [1] 148/9
85/17 95/3 97/5	17th [1] 11/23	27th [1] 173/15	502 [4] 157/2 157/16 157/19 158/2	a.m [2] 1/19 107/7
125/14	18 [1] 86/18	28th [2] 125/10 125/11	50kV [1] 136/17	ability [1] 133/24
\$	19,500 [1] 128/19	29 [1] 147/1	5400 [1] 94/8	able [13] 18/6 59/12 74/9 87/15 97/3 103/5 118/24 130/2 130/25 137/23 157/10 171/5 171/12
\$31,500 [1] 121/12	1978 [1] 110/14	29,485 [1] 18/12	5600 [3] 85/1 85/2 94/8	ABMP [1] 32/1
\$3800 [1] 121/6	1980s [1] 136/21	2943 [1] 147/2	57 [2] 169/20 169/21	about [96] 6/20 7/20 10/16 10/17 11/15 15/7 15/9 16/15 23/10 24/22 26/1 29/16 29/25 30/21 30/23 31/22 34/19 35/3 40/21 52/5 53/5 53/9 58/24 59/5 59/11 59/12 59/13 59/17 61/3 61/5 61/6 62/15 63/9 69/16 71/15 74/7 82/23 86/18 89/10 90/3 90/16 90/17 90/18 91/2 93/14 94/9 94/22 97/14 97/19 97/19 98/2 98/4 105/9 109/6 111/8 111/21 113/23 114/8 114/9 114/22 115/11 115/18 116/17 117/22 117/22 117/25 119/3 119/9 124/6 124/16 125/12 125/19
'	19th [7] 125/25 126/1 126/2 126/3 126/13 126/15 172/23	2:41 [2] 1/19 172/25	6	
'nother [1] 53/12	1	3	6,000 [2] 94/5 94/7	
1	1.7 [1] 88/25	3,000 [3] 91/2 91/8 97/19	60 [5] 29/2 44/21 108/6 111/14 111/18	
1.7 [1] 88/25	10 [6] 114/12 114/24 127/4 129/8 129/20 129/21	3.009 [1] 167/18	61 [1] 17/25	
10 [6] 114/12	1:15 [1] 107/8	3.5 [1] 105/9	617 [1] 129/14	
114/24 127/4	1st [6] 14/4 16/12 17/11 17/18 18/23 130/12	30 [8] 44/21 69/9 90/17 92/16 92/17 103/20 109/7 114/23	64 [2] 146/20 156/16	
129/8 129/20	2	30kV [1] 136/16	64E [3] 146/23 147/5 156/21	
129/21	2,122 [1] 18/1	30th [3] 17/12 130/16 130/18	64E-3.009 [1] 167/18	
100 [8] 62/11 62/12 65/14 73/11 95/17 95/18 114/18 114/20	2,266 [1] 17/12	31st [1] 130/13	650 [1] 168/5	
100 [8] 62/11	2,356 [1] 17/17	33 [2] 90/17 92/12	671 [3] 129/17 129/24 130/2	
62/12 65/14	20 [7] 17/23 38/1 44/1 90/18 91/20 92/19 98/2	33607 [1] 1/14	6th [1] 124/20	
73/11 95/17	200 [2] 61/5 70/14	35 [1] 17/24		
95/18 114/18	2002 [2] 13/7 15/6	35,000 [3] 62/21 66/15 70/22		
114/20	2005 [2] 13/9 22/10	36 [2] 18/13 114/11		
100kV [3] 81/1 81/4 85/2	2006 [1] 17/23	37 [1] 55/3		
100s [2] 108/5 108/15	2010 [1] 144/13	370AD [1] 138/9		
101 [7] 146/21 146/23 147/6 147/7 147/17 151/20 151/20	2013 [2] 57/19 57/20	3:10 [1] 6/10		
101 [7] 146/21	2014 [3] 57/20 57/24 58/7			
146/23 147/6	2016 [2] 61/2 62/8			
147/7 147/17	2018 [2] 113/16 115/1			
151/20 151/20				
10:01 [1] 1/19				
11 [2] 141/12 143/20				
11 [2] 141/12				
143/20				
116 [2] 114/14 114/20				
116 [2] 114/14				
114/20				
11:58 [1] 107/7				
12 [4] 6/9 11/15 91/18 109/8				
12 [4] 6/9 11/15				
91/18 109/8				
12-month [1] 129/23				
12-month [1]				
129/23				
12th [1] 125/25				
12th [1] 125/25				
13 [1] 168/13				
13 [1] 168/13				
13th [1] 11/22				
13th [1] 11/22				

A	ACR [2] 129/14 137/17	161/15 161/23 166/9 167/20	administrative [2] 4/24 38/3	111/7 123/16 126/20 134/10
about... [24] 129/9 130/24 132/4 133/23 138/22 138/25 139/3 139/6 147/14 147/17 148/2 148/15 151/5 152/10 155/10 158/9 166/6 169/11 169/13 169/20 169/23 170/2 171/21 172/21	across [13] 24/18 24/19 24/20 43/11 48/23 56/23 69/4 71/23 95/21 152/14 152/16 153/10 153/11	Adam [10] 2/4 6/1 124/21 140/9 146/14 147/4 166/14 169/18 171/25 172/1	administrator [1] 5/11 administrators [2] 16/12 17/10 adopt [1] 83/5 adopted [5] 64/19 79/20 144/17 144/20 144/21	against [2] 169/21 170/2 agenda [2] 3/1 170/10 agents [1] 94/19 ago [9] 42/19 63/23 91/13 93/13 98/12 133/19 163/16 165/11 168/10
above [7] 63/13 63/16 64/3 80/13 80/18 114/20 165/17	action [4] 66/14 146/2 173/13 173/14	Adam's [1] 166/25	adoption [1] 71/5 advanced [4] 69/11 71/12 87/8 117/8	agree [3] 40/1 139/7 153/19 agreeable [1] 33/14
absolutely [2] 15/6 101/24	activate [1] 156/14	add-on [1] 60/19	Advent [1] 5/9 ADVISORY [6] 1/3 2/1 4/15 6/2 14/16 115/12	agreed [1] 113/22 agreement [2] 55/21 151/13
accelerator [3] 99/25 100/2 136/6	active [3] 18/12 18/13 29/2	addition [1] 105/8	Aesthetic [1] 59/3 affect [1] 30/3 affects [1] 137/4	agrees [1] 160/10 ahead [5] 47/9 59/8 66/25 128/12 167/5
accelerators [2] 56/14 136/7	activities [1] 167/23	additional [10] 25/1 43/24 51/10 66/18 82/10 82/15 82/18 100/20 114/25 117/9	affiliated [1] 33/6 affixed [1] 41/14	aid [1] 79/22 airport [2] 1/13 106/25
accept [5] 49/17 152/8 160/23 160/24 171/5	acts [1] 40/13	address [9] 21/23 27/3 27/6 27/6 27/10 48/6 67/4 97/15 162/23	after [15] 6/6 10/3 23/2 29/12 35/15 38/1 44/20 44/22 47/3 91/24 104/4 126/7 144/25 145/9 157/17	alarm [2] 118/22 119/11 alarms [2] 119/3 119/4 algorithms [1] 143/25
access [9] 68/14 82/5 99/2 99/16 99/16 105/1 105/3 105/4 170/23	actual [6] 49/21 96/25 105/1 135/12 136/11 153/18	addresses [2] 22/1 22/2	afterwards [3] 11/18 123/14 again [31] 12/6 27/19 32/23 37/6 37/9 62/3 63/17 65/1 65/11 65/17 65/25 66/21 73/24 74/3 75/25 80/3 100/14 100/16 100/17 100/23 102/3 105/19 108/18	ahold [1] 119/17 aid [1] 79/22 airport [2] 1/13 106/25 alarm [2] 118/22 119/11 alarms [2] 119/3 119/4 algorithms [1] 143/25
accessibility [1] 67/19	actually [59] 7/16 13/6 14/18 20/16 26/10 38/10 46/24 47/2 48/5 48/7 54/6 59/1 59/4 66/11 70/14 76/25 77/5 84/23 86/2 87/25 90/15 92/6 92/17 93/2 100/17 101/10 102/16 102/18 103/6 103/8 104/5 106/9 110/22 111/21 112/5 115/20 116/25 117/2 117/5 117/12 118/12 119/2 119/17 119/21 120/21 120/24 128/21 132/6 132/17 132/19 141/12 144/24 156/18 157/16 159/22	adequate [1] 116/21	adequately [4] 98/24 99/5 99/9 99/10	aligned [2] 67/19 131/10 aligns [2] 67/14 130/19 all [163] 4/20 7/3 7/8 7/12 7/25 9/4 9/14 9/20 10/8 10/20 10/21 11/12 12/16 13/2 13/2 14/1 14/2 14/18 15/13 16/21 17/8 21/22 21/24 22/11 22/17 22/18 22/23 24/7 24/12
accessible [3] 68/20 72/21 74/17	accomplished [2] 75/2 98/18	adhesions [1] 86/14	adjoined [2] 9/18 172/18	
accordingly [1] 66/18	accessibility [1] 67/19	adjust [2] 82/1 151/8	adjusting [1] 141/9	
accredited [1] 129/14	accessible [3] 68/20 72/21 74/17	adjustment [1] 81/13	adjustments [4] 81/23 84/14 85/7 151/10	
accumulate [1] 114/18	accomplished [2] 75/2 98/18			
accurate [2] 18/9 48/5	accessibility [1] 67/19			
achieved [1] 61/13	accessible [3] 68/20 72/21 74/17			
acknowledged [1] 103/7	accomplished [2] 75/2 98/18			

<p>A</p> <p>all... [134] 28/4 32/10 35/18 37/2 40/21 40/25 41/12 42/25 43/19 44/2 44/4 48/13 49/20 50/3 50/4 50/6 53/16 54/12 54/18 56/20 56/23 58/14 58/14 58/24 60/7 60/11 60/16 62/15 63/6 63/23 63/23 64/7 64/8 66/17 67/16 67/24 68/20 68/21 69/6 69/9 78/2 85/9 85/11 85/25 86/16 91/20 92/18 93/19 95/21 96/12 97/1 97/8 98/15 99/23 99/23 100/11 100/14 100/16 102/20 102/23 102/24 103/15 104/8 104/13 105/25 106/10 106/19 108/21 110/13 113/6 113/11 114/3 115/1 116/15 116/25 119/4 119/23 120/19 123/10 123/15 124/16 126/21 127/8 127/16 128/5 128/14 128/18 130/8 130/8 130/16 131/10 132/4 135/14 136/20 136/24 138/3 138/4 138/6 138/25 139/7 139/10 141/14 141/19 142/7 143/15 144/2 144/7 145/23 149/7 150/21 152/8 152/9</p>	<p>154/6 155/25 156/4 158/17 159/21 159/23 160/12 161/1 161/2 161/5 162/24 164/16 165/17 167/6 167/18 168/8 168/9 169/9 172/4 172/8 172/17 172/17</p> <p>allegations [1] 113/17</p> <p>alliance [1] 13/9</p> <p>allow [7] 33/13 35/25 51/3 74/2 115/7 145/8 170/14</p> <p>allowances [1] 132/11</p> <p>allowed [1] 8/11</p> <p>allows [5] 25/9 36/4 73/15 73/17 75/19</p> <p>almost [9] 10/11 10/13 30/12 69/9 92/2 108/13 157/22 163/25 170/11</p> <p>alone [1] 79/21</p> <p>already [6] 42/18 46/15 47/9 131/25 152/17 172/2</p> <p>also [31] 5/2 17/21 19/12 38/6 59/4 60/2 60/17 61/11 61/17 66/9 68/6 77/11 83/21 84/12 84/16 85/8 87/4 91/25 94/20 98/7 114/3 117/24 119/19 130/7 131/25 137/3 164/10 164/10 169/24 170/2 171/4</p> <p>alter [2] 78/7 148/20</p> <p>Alternate [1] 140/9</p> <p>alternative [3]</p>	<p>144/6 144/20 151/8</p> <p>alternatives [1] 97/5</p> <p>although [5] 93/18 100/14 129/16 148/4 161/18</p> <p>altogether [1] 46/13</p> <p>always [18] 18/22 19/2 19/20 20/7 43/22 55/24 56/6 69/11 70/16 72/2 95/12 100/7 106/15 127/3 134/22 138/9 169/19 170/22</p> <p>am [7] 16/10 55/21 123/16 161/19 173/10 173/12 173/13</p> <p>amazed [1] 143/24</p> <p>amazing [5] 62/5 84/13 86/17 93/16 151/21</p> <p>amazingly [1] 104/11</p> <p>amending [1] 38/14</p> <p>amendment [4] 39/3 39/15 39/16 40/8</p> <p>amendment is [1] 40/8</p> <p>amendments [2] 43/1 171/7</p> <p>American [1] 58/16</p> <p>amongst [1] 31/21</p> <p>amount [6] 113/3 114/17 116/9 116/11 116/21 119/5</p> <p>analysis [2] 114/5 162/24</p> <p>Analytical [1] 112/7</p> <p>analyzed [1] 98/3</p>	<p>and/or [2] 75/8 106/13</p> <p>Anesthesiology [1] 59/2</p> <p>Angeles [1] 123/6</p> <p>animal [4] 53/11 54/20 149/18 150/1</p> <p>anniversary [1] 125/3</p> <p>annual [16] 65/10 71/7 72/6 74/20 74/21 75/1 76/25 100/20 101/2 101/2 104/5 104/6 104/8 128/16 133/12 152/14</p> <p>annually [1] 99/18</p> <p>another [13] 21/21 22/21 24/15 51/11 53/11 54/20 83/21 101/1 117/6 121/15 156/7 166/8 167/20</p> <p>answer [3] 24/25 43/12 115/16</p> <p>answered [2] 25/6 50/13</p> <p>any [84] 6/20 8/2 10/21 12/4 12/5 13/15 13/24 15/7 15/22 15/22 16/22 18/21 28/11 28/13 29/24 30/23 34/19 34/19 36/7 38/12 39/24 40/2 41/15 43/1 58/11 59/21 65/12 66/10 67/2 67/2 71/17 74/1 78/11 78/16 78/19 78/20 81/22 86/11 88/18 88/19 93/25 95/4 95/7 100/1</p>	<p>107/13 107/15 111/17 112/5 115/7 115/15 125/1 127/5 127/7 135/21 137/10 137/12 138/3 139/1 139/1 140/12 143/6 144/14 146/2 146/10 154/8 155/12 155/16 156/2 157/14 159/19 159/25 160/21 161/3 161/11 161/15 161/17 163/14 165/19 166/5 169/16 170/17 172/6 173/11 173/12</p> <p>anybody [27] 6/15 6/19 7/12 7/19 8/15 12/4 16/8 23/16 27/20 28/11 29/24 32/17 37/3 54/9 57/6 91/6 93/25 105/1 105/6 106/15 124/1 125/2 135/20 137/11 150/7 150/9 167/24</p> <p>anyhow [2] 115/1 119/14</p> <p>anymore [4] 31/2 43/9 76/21 151/6</p> <p>anyone [3] 28/13 38/7 172/15</p> <p>anything [33] 16/9 16/23 18/23 18/25 28/12 28/16 30/25 31/2 31/6 35/1 37/3 57/7 58/13 58/15 60/12 62/2 64/12 65/2 83/18 89/10 92/1 93/11 96/2 106/8 106/10 106/12 119/25 120/1 125/2</p>
--	---	--	--	---

<p>A</p> <p>anything... [4] 128/8 138/3 152/12 172/10</p> <p>anyway [4] 48/19 60/21 143/22 167/13</p> <p>anywhere [2] 87/12 111/5</p> <p>Apologies [1] 128/2</p> <p>app [3] 120/9 122/9 122/10</p> <p>apparently [3] 41/20 133/4 170/9</p> <p>Applause [6] 8/13 9/15 9/19 14/24 106/23 122/19</p> <p>apples [2] 88/16 88/17</p> <p>applicants [1] 13/22</p> <p>application [3] 24/23 41/6 108/23</p> <p>applications [14] 16/25 17/4 17/8 17/13 17/16 17/18 17/22 18/3 18/5 22/20 24/21 47/20 74/14 171/6</p> <p>applicator [1] 109/12</p> <p>applied [5] 11/7 69/21 94/4 134/3 142/11</p> <p>applies [1] 38/7</p> <p>apply [2] 94/16 148/19</p> <p>applying [1] 150/19</p> <p>appreciate [10] 23/10 60/11 60/23 62/3 62/6 106/6 106/22 138/24 143/23 171/15</p> <p>appreciation [2] 14/12 14/14</p>	<p>approach [1] 81/11</p> <p>approaching [1] 62/20</p> <p>appropriate [13] 67/25 72/10 72/11 72/25 75/5 75/10 83/12 88/23 135/7 140/5 141/4 141/21 168/20</p> <p>appropriately [3] 76/6 92/6 98/25</p> <p>appropriateness [2] 64/4 95/14</p> <p>approval [5] 6/18 7/25 145/17 163/17 166/25</p> <p>approve [4] 155/19 155/22 166/23 172/3</p> <p>approved [9] 120/18 120/20 129/3 141/8 144/24 164/6 169/9 169/14 169/15</p> <p>approximately [1] 107/18</p> <p>April [19] 38/4 123/25 124/2 124/5 124/10 124/16 124/20 125/1 125/8 125/16 125/17 125/18 126/1 126/6 126/13 126/15 130/17 130/17 172/23</p> <p>apron [6] 139/21 140/3 140/3 140/3 141/24 142/3</p> <p>aprons [5] 139/4 141/10 142/5 143/5 149/7</p> <p>are [187]</p> <p>area [8] 29/19 34/7 44/17 53/19 78/11 126/19 133/4 133/19</p>	<p>areas [6] 7/21 33/22 114/4 114/5 114/10 162/19</p> <p>aren't [3] 109/21 141/7 169/14</p> <p>around [9] 32/20 77/5 79/2 94/8 105/5 110/6 119/24 129/8 142/9</p> <p>arrhythmia [1] 91/4</p> <p>ARRT [1] 2/5</p> <p>articulated [1] 110/1</p> <p>arts [1] 82/20</p> <p>as [140] 2/5 6/25 8/6 8/6 10/2 11/4 19/8 19/8 23/4 23/5 23/20 23/20 25/6 25/8 28/20 28/20 28/23 28/23 28/24 28/24 31/11 31/11 33/6 33/8 33/8 33/11 33/12 34/6 36/11 36/12 37/12 40/19 43/8 43/13 45/25 47/23 48/2 53/4 53/18 54/13 54/13 56/2 58/2 60/4 63/20 63/21 63/21 63/21 65/7 65/8 65/17 67/10 67/10 67/21 67/21 68/9 68/12 68/13 70/21 71/9 71/19 71/19 72/11 73/12 73/12 74/3 74/3 74/18 74/19 74/23 74/23 75/13 75/13 75/18 75/22 75/22 77/2 79/12 79/12 82/19 84/15 87/8 87/10 87/10 88/10 88/10 92/8 97/5 97/23 98/13</p>	<p>98/22 99/11 99/11 100/6 100/9 102/2 102/8 102/19 102/25 106/7 108/19 108/19 114/10 114/10 117/23 118/13 118/13 119/7 120/24 122/7 122/7 122/10 128/5 128/5 128/6 128/6 129/6 131/10 132/1 132/1 132/9 132/14 134/22 135/14 135/14 137/1 139/20 139/20 140/3 151/15 153/18 153/19 154/11 154/11 160/6 162/3 162/3 166/22 168/23 171/13</p> <p>Asian [1] 158/19</p> <p>ask [13] 23/21 34/18 35/6 38/15 43/19 53/9 70/18 92/19 93/21 118/23 151/2 163/15 170/1</p> <p>asked [15] 43/18 44/5 44/7 45/1 46/9 50/14 50/17 50/22 60/24 79/22 80/8 101/16 113/16 115/6 123/20</p> <p>asking [2] 42/25 44/16</p> <p>asks [1] 24/22</p> <p>aspect [1] 169/16</p> <p>aspects [1] 169/17</p> <p>ass [1] 105/23</p> <p>assigned [1] 150/5</p> <p>assigning [1] 149/22</p> <p>assist [1] 106/9</p>	<p>assistant [3] 4/25 5/14 143/1</p> <p>assistants [4] 17/15 17/25 18/13 23/1</p> <p>associated [3] 66/7 101/7 147/22</p> <p>assume [2] 47/22 109/23</p> <p>assuming [1] 41/22</p> <p>assumptions [2] 47/17 48/5</p> <p>assumptive [1] 55/15</p> <p>assurance [5] 4/20 13/1 68/11 68/13 73/19</p> <p>assurances [3] 72/7 72/8 74/23</p> <p>ate [1] 104/17</p> <p>Atherton [3] 2/6 5/16 130/10</p> <p>atrium [1] 117/18</p> <p>attached [1] 93/2</p> <p>attend [2] 29/16 68/22</p> <p>attention [3] 40/25 66/5 119/25</p> <p>attorney [1] 173/11</p> <p>attorneys [1] 173/13</p> <p>atypia [1] 97/22</p> <p>audit [3] 55/4 55/11 168/20</p> <p>audited [1] 168/12</p> <p>auditing [1] 168/17</p> <p>auditors [1] 168/19</p> <p>audits [1] 55/1</p> <p>August [1] 130/12</p> <p>AUs [1] 40/17</p> <p>AUs going [1] 40/17</p>
---	---	--	--	--

A	B			
<p>Austin [1] 93/13 Australian [2] 158/10 158/19 Australiation [1] 158/14 author [3] 61/11 61/11 70/25 authority [1] 141/5 authorization [1] 65/3 authorized [14] 61/15 63/15 65/4 65/9 72/9 72/12 81/17 81/24 82/6 82/15 83/9 98/16 100/19 173/6 authorizes [1] 132/13 authorizing [1] 133/1 auto [1] 159/1 automatically [1] 20/3 availability [1] 123/25 available [5] 31/23 90/1 93/25 106/15 120/17 average [1] 88/25 Avion [1] 1/13 awarded [1] 14/14 aware [4] 33/23 38/13 39/22 166/4 away [7] 51/3 51/8 64/12 86/3 104/25 109/9 109/10 awesome [1] 18/5 awful [1] 86/13 awfully [1] 109/11 aye [5] 7/25 8/1 156/1 161/2 172/5</p>	<p>back [57] 15/6 16/5 20/12 21/17 22/5 26/11 27/16 29/25 35/6 35/8 36/8 36/18 43/25 44/3 49/9 54/17 55/8 55/10 62/8 66/25 84/7 86/5 86/10 93/8 94/24 96/15 100/12 100/16 104/2 107/3 107/5 112/17 117/5 117/8 118/3 122/24 123/1 126/13 127/18 128/3 130/4 131/1 132/22 134/7 134/7 138/6 157/3 162/25 163/23 166/21 166/22 167/18 169/7 171/22 171/25 171/25 172/1 background [13] 13/4 13/18 18/4 24/22 51/3 51/5 52/22 60/7 62/13 63/4 69/8 102/8 114/21 backgrounds [2] 59/14 114/12 backpack [1] 121/17 backpacks [3] 118/2 118/4 118/8 backside [2] 16/16 23/14 backwards [1] 145/7 bad [4] 92/22 125/16 125/18 145/6 badge [8] 48/17 48/17 76/9 76/10 76/12 76/12 76/20 141/22 badged [2] 152/11 154/17</p>	<p>badges [2] 141/23 149/6 badging [2] 149/22 150/5 balance [2] 92/9 96/5 ball [1] 41/12 ballpark [1] 107/23 bands [1] 137/21 basal [2] 60/2 94/19 base [3] 33/24 57/22 108/7 based [15] 5/2 7/11 25/10 61/13 61/19 62/13 67/23 73/14 80/4 81/10 81/25 84/23 114/14 136/20 143/12 baseline [1] 103/24 bases [1] 158/17 basic [3] 17/16 17/25 22/12 basically [5] 43/14 64/18 97/17 127/14 141/3 basics [1] 18/12 basis [5] 64/9 70/18 71/7 72/6 84/10 bathroom [2] 166/19 167/9 Bay [1] 5/25 be [196] be self-correcting [1] 150/22 beam [7] 68/7 74/2 84/5 101/11 136/5 136/10 143/11 beams [2] 70/5 163/24 beautiful [1] 11/13 because [94] 6/9 11/12 15/5</p>	<p>18/9 19/1 19/10 19/15 20/2 20/12 20/25 21/19 23/10 25/18 27/9 31/18 33/9 34/5 39/12 40/5 43/5 44/16 46/17 47/12 48/3 50/23 52/12 53/2 55/9 55/22 56/4 56/17 60/18 62/9 63/4 63/5 64/13 69/11 70/3 70/8 70/16 71/6 83/3 84/4 84/5 84/11 84/13 84/21 84/25 85/1 85/3 85/10 86/24 90/18 93/14 96/2 96/4 96/10 104/23 105/20 112/1 113/16 115/17 116/18 118/25 119/21 123/24 128/2 130/18 131/25 132/9 135/12 136/14 137/3 137/4 138/13 138/18 141/1 141/7 141/19 142/5 143/3 144/8 149/7 150/11 152/4 153/22 155/6 157/16 160/7 163/12 166/11 168/14 169/24 171/8 Becker [3] 2/9 5/5 8/14 become [6] 10/3 31/13 32/6 32/15 38/1 167/20 becomes [2] 136/9 158/2 becoming [1] 171/13 been [58] 10/16 11/11 13/6 13/11 16/14 17/2 31/8 31/20 34/25 37/7 37/18 43/10 44/1</p>	<p>44/3 44/20 44/22 45/1 46/9 47/7 47/8 51/17 51/19 52/11 53/23 55/24 56/17 61/1 61/13 63/9 65/6 66/11 66/15 66/16 69/8 69/16 71/9 79/21 83/8 83/23 89/21 90/7 91/11 100/18 103/6 103/7 103/13 110/14 110/23 112/19 118/21 128/20 131/25 137/16 145/15 146/7 164/5 164/5 164/6 before [21] 13/18 17/19 38/25 44/8 53/14 53/21 57/15 75/20 85/16 91/13 115/12 118/24 121/23 127/19 131/12 137/11 144/24 149/14 156/14 160/1 166/7 beginning [5] 10/16 38/4 128/23 129/25 144/18 begins [1] 157/18 behalf [2] 13/17 65/6 behind [2] 59/17 92/18 being [27] 16/24 22/9 44/5 44/7 44/12 63/11 71/20 72/17 73/23 74/7 74/9 76/5 80/25 88/6 93/4 95/5 103/9 109/6 112/10 129/19 136/5 136/10 163/12 163/21 169/8 169/24 171/12</p>

B	biopsy [2] 85/15 85/22	89/17 99/11 161/20	build [2] 78/3 80/19	65/23 80/21 114/22 143/25
beings [1] 165/7	biopsy-proven [1] 85/15	both the [1] 27/8	build-out [1] 80/19	calibrating [1] 138/2
believe [11] 74/3 75/4 92/11 96/24 98/21 99/9 114/16 144/13 144/15 147/1 171/16	birthday [5] 8/8 8/12 9/13 124/17 124/19	bothered [1] 128/17	building [2] 47/5 52/25	calibration [5] 78/11 79/3 104/5 104/6 105/2
below [2] 85/9 92/1	bit [16] 6/12 13/4 13/5 15/4 17/5 17/6 22/14 23/12 24/20 63/9 64/11 83/10 109/15 111/21 133/23 138/1	bottom [2] 14/19 14/23	buildings [1] 53/1	calibrations [1] 68/10
beneficial [1] 69/5	bits [1] 55/2	bought [2] 112/18 116/12	built [4] 65/16 102/18 111/8 150/25	call [14] 15/22 19/14 20/7 20/11 20/16 21/2 84/20 115/25 116/14 135/15 135/16 135/19 163/11 172/12
benefit [2] 71/20 100/7	bittersweet [1] 15/5	bounce [1] 15/4	built-in [1] 102/18	called [6] 21/17 36/3 36/15 94/19 117/10 142/15
benefits [2] 72/17 81/9	blamed [1] 112/23	Bowl [2] 118/1 122/21	bulbs [1] 56/19	calling [1] 135/14
besides [2] 51/10 69/24	blast [1] 85/3	brach [2] 91/20 92/23	bulk [1] 157/12	calls [5] 19/16 19/20 116/1 142/18 160/8
best [9] 14/2 48/11 65/13 65/13 69/2 74/14 79/1 85/11 95/25	blatant [1] 101/20	brachy [2] 80/14 108/20	bunch [3] 6/24 7/2 24/25	came [12] 24/19 24/20 37/22 38/11 42/16 49/8 55/14 58/3 66/23 113/5 115/5 131/1
better [6] 90/7 115/16 121/22 124/3 125/11 125/24	blood [1] 92/4	brachytherapy [1] 60/20	Bureau [23] 1/11 2/9 2/9 2/10 2/10 2/11 2/11 4/17 5/1 5/6 8/7 10/9 13/8 13/18 14/15 22/9 37/7 37/18 37/20 115/20 120/11 159/12 169/24	camera [1] 102/18
between [15] 13/9 39/3 50/9 54/22 94/5 94/6 94/7 108/19 125/13 129/20 129/21 135/11 137/14 137/23 137/24	blown [1] 55/11	brain [1] 45/11	business [1] 16/5	campsites [1] 114/4
big [11] 24/4 27/13 28/21 52/25 62/24 71/6 95/15 96/17 96/23 125/13 145/20	bluetooth [1] 122/2	break [2] 107/1 137/23	button [5] 59/18 72/13 101/15 121/20 121/22	can [103] 4/3 7/14 9/7 10/2 13/4 15/1 16/24 18/23 18/25 21/23 22/5 22/15 27/8 27/25 28/3 31/6 36/7 36/25 38/22 45/3 51/8 52/19 57/8 59/3 63/8 67/9 70/17 71/18 71/22 73/1 79/6 80/1 81/8 81/10 81/14 83/19 84/24 89/17 90/8 92/18 92/21 93/19 93/19 96/4 96/13 96/14 96/16
Bible [1] 72/4	board [23] 5/3 6/2 10/4 22/19 29/12 31/21 37/22 43/11 48/24 56/23 58/16 61/6 61/18 61/21 65/17 68/5 75/5 78/4 78/9 98/18 101/15 153/10 153/12	breakdown [1] 91/17	bylaws [2] 58/16 58/22	
big [11] 24/4 27/13 28/21 52/25 62/24 71/6 95/15 96/17 96/23 125/13 145/20	boarding [1] 99/12	breakfast [2] 126/25 127/3	C	
bigger [2] 121/16 122/3	Boat [1] 118/17	breaks [1] 166/19	C-2 [2] 148/7 148/9	
biggest [2] 40/16 72/13	body [11] 31/25 108/24 108/25 109/1 132/2 132/3 132/5 133/12 133/12 148/7 148/8	breed [1] 53/12	cabinet [5] 135/6 135/11 135/14 135/15 135/19	
Bill [2] 2/6 5/16	bolts [1] 63/7	breeze [1] 67/8	cabinets [1] 134/25	
bills [1] 30/3	bone [1] 132/5	Brenda [6] 4/23 6/22 7/6 7/14 123/17 172/21	calculates [1] 46/25	
binder [1] 72/3	borders [1] 52/16	Brenda's [1] 127/18	calculation [1] 141/3	
binders [1] 74/24	both [12] 19/10 20/4 20/5 26/23 27/3 27/7 27/8 27/12 27/14	briefly [1] 58/7	calculations [4]	
biology [1] 83/14		bring [9] 11/18 42/24 52/19 56/7 66/4 117/8 119/19 120/25 138/6		
		bringing [3] 6/7 56/4 148/14		
		broke [1] 98/6		
		brought [5] 8/14 57/20 91/11 101/14 119/14		
		bucks [1] 121/5		
		budgets [1] 130/19		

C				
can... [56] 96/21	102/4	categorized [1]	certificates [3]	changers [1]
100/7 100/11	candle [2] 8/20	34/5	17/21 26/24	40/16
101/25 102/19	9/4	category [6]	36/16	changes [7]
102/24 104/9	capability [2]	33/7 33/20 35/14	certification [2]	28/13 31/5 84/9
105/23 106/8	84/12 170/20	36/3 36/6 138/8	35/10 82/19	93/24 106/8
106/17 116/25	capacity [1]	caught [1]	certifications [2]	161/12 167/17
117/2 117/3	116/17	145/23	82/10 82/16	changing [3]
117/4 117/6	capture [1]	cause [2] 28/7	certified [15]	18/25 28/15 84/6
117/7 117/8	116/25	170/7	5/4 5/14 5/21 6/1	Chantel [5] 2/5
119/1 119/19	captured [1]	caused [1] 90/9	30/22 31/10	15/15 48/20
119/19 119/22	104/5	causes [1] 86/14	31/19 31/20 32/5	53/22 57/9
119/22 120/23	carcinoma [1]	cavity [1]	61/6 61/18 61/21	chapter [2]
122/1 122/5	97/21	108/22	68/5 75/5 98/18	31/21 31/22
122/5 122/6	Cardinal [1]	CCSP [1] 2/6	certify [2] 173/5	chart [3] 65/22
122/21 123/15	39/12	CE [3] 168/12	173/10	102/23 104/12
124/16 127/25	care [22] 3/11	168/12 169/16	certifying [2]	cheaper [1] 77/7
135/20 138/4	49/15 55/24	ceilings [1]	31/24 33/2	check [5] 31/6
138/5 139/13	55/25 57/14	56/25	cesium [6]	42/15 113/8
139/15 140/13	65/21 73/6 73/9	cell [6] 21/14	117/15 117/16	119/15 150/17
142/23 143/19	73/12 77/2 80/5	21/19 39/7 94/19	117/17 117/18	checked [2]
144/7 144/18	85/6 87/4 91/22	94/20 97/21	118/11 119/10	65/22 65/23
144/20 149/11	127/20 128/1	cells [1] 60/2	cetera [2] 58/23	checklist [2]
150/17 151/2	128/5 132/14	Census [1]	80/22	75/1 75/1
151/22 152/13	133/14 134/12	108/5	CEUs [4] 19/15	checks [7] 73/18
153/4 154/11	138/18 142/25	center [11]	21/4 29/22	73/20 75/18
161/20 162/25	cares [1] 147/17	65/25 67/22	168/21	75/19 102/23
164/2 164/23	carrying [1]	69/21 73/21 80/5	chair [3] 5/9	104/13 129/3
165/19 172/11	118/2	81/21 85/23	57/16 155/15	cheese [2] 8/17
172/16	case [13] 55/17	90/14 92/13	Chairman [2]	8/19
can't [14] 32/6	55/22 63/14	101/9 102/8	2/2 2/2	chief [6] 2/14
33/24 35/17	65/10 65/21 68/6	centers [6]	chairperson [1]	4/12 5/6 61/16
36/17 41/8 58/14	71/12 82/7 85/21	62/17 67/24	5/4	68/15 99/13
122/4 125/21	102/3 112/9	93/23 106/14	chairs [1] 57/16	chime [1] 144/7
140/12 144/25	112/10 135/13	133/23 138/17	challenge [1]	Chinese [2]
145/4 159/17	cases [18] 35/25	centigrade [2]	29/3	52/15 52/18
161/14 166/10	64/10 68/25 69/4	94/5 94/9	challenging [1]	chiropractic [1]
Canada [1]	69/10 69/10	centimeters [4]	34/2	5/17
118/9	69/11 70/2 70/2	70/12 97/25	chance [1]	choice [3] 13/13
cancer [23]	71/7 91/2 91/8	108/22 109/7	107/11	96/11 138/20
62/16 62/23	94/23 97/19	certain [6] 35/25	change [22] 4/2	choices [1]
65/25 67/14	133/11 162/5	63/14 65/25	4/2 21/23 28/16	13/15
67/22 67/23	169/21 170/2	66/13 66/20	28/19 35/23 36/5	choir [1] 44/19
69/10 69/14	Cataracts [1]	83/11	36/25 38/23 40/7	CHP [2] 2/4 2/6
69/21 72/16 80/4	110/9	certainly [9]	41/5 41/6 48/8	chromatoscope
81/3 81/21 85/16	catch [5] 40/11	23/6 64/17 91/10	66/6 81/12 82/3	[1] 86/3
85/23 89/23	51/2 75/19 119/6	96/6 96/19	136/3 137/9	chunk [1] 62/24
90/14 92/13 94/3	130/4	101/25 106/4	143/13 161/16	Cindy [6] 5/5 8/5
101/8 102/8	categories [4]	146/1 164/3	165/19 167/22	8/14 14/22 37/12
163/23 164/7	31/11 33/11	certificate [5]	changed [7]	159/2
cancers [3]	138/12 138/17	14/12 14/14	35/21 36/3 36/10	citizen [1]
72/19 101/24	categorize [1]	14/19 25/19	50/24 103/4	113/16
	33/25	173/1	137/1 156/25	claim [1] 134/24

C	102/24	65/5 84/22 92/20	18/6 74/7 97/11	101/3
clarified [1]	cloud-based [1]	142/6	completely [1]	confident [1]
160/6	73/14	coming [19]	162/6	64/20
clarify [4] 45/3	clue [1] 43/8	11/4 11/22 11/25	complex [1]	configuration
152/18 152/19	CNMT [1] 2/5	12/4 18/6 28/14	64/10	[2] 25/10 112/13
153/16	CNN [1] 115/3	29/2 55/3 55/10	complexity [2]	Congratulations
Clark [22] 2/10	co [2] 61/11	60/11 62/12 80/4	87/14 88/5	[2] 12/19 12/20
5/10 10/23 60/25	70/25	83/2 91/12 92/14	compliant [1]	connect [1]
63/20 71/15 80/8	co-author [2]	93/4 107/3	134/14	117/2
107/12 110/20	61/11 70/25	126/10 149/18	complicated [3]	connected [2]
123/8 128/9	coaching [1]	comment [3]	53/21 86/25	170/19 173/13
139/15 140/22	131/17	139/23 148/12	155/7	consent [2] 97/1
148/4 155/20	code [5] 60/15	156/22	complications	97/10
156/6 160/7	80/14 152/17	comments [16]	[3] 88/22 91/1	consider [2]
161/10 165/23	166/10 166/11	6/20 6/21 7/6	91/25	79/15 114/21
171/22 172/3	coded [1] 35/25	7/11 7/15 7/20	comply [1]	consideration
172/10	codes [2] 80/13	28/12 139/19	168/15	[1] 85/8
class [1] 11/8	135/3	146/16 150/1	complying [1]	considered [1]
classes [1] 26/2	Cognetti [1]	156/17 157/15	134/8	171/19
cleaning [1]	57/24	159/19 160/8	component [1]	considering [1]
146/13	coin [1] 138/21	160/21 166/5	81/9	106/12
clear [1] 137/20	collar [2] 141/22	commercial [2]	composite [1]	consistency [2]
clearly [1]	141/23	89/18 148/25	117/21	54/21 54/24
135/10	College [1]	Commission [1]	comprehensive	consistent [1]
click [2] 117/15	158/10	55/1	[2] 63/18 64/16	54/6
117/18	combine [1]	commitment [2]	computer [1]	consolidate [1]
client [1] 52/15	157/9	87/19 87/20	171/1	62/17
clients [4] 43/13	combined [1]	committee [3]	conceptual [1]	constant [2]
43/25 53/23 56/9	154/18	5/22 38/3 135/21	159/19	91/22 160/8
clinical [12]	come [42] 12/2	common [2]	concern [8]	constantly [2]
31/15 59/2 59/12	20/16 24/17 29/5	6/23 28/6	51/12 51/14	68/17 68/18
61/12 69/1 74/11	34/15 52/19 54/5	community [1]	57/21 95/13	consultant [1]
74/14 83/14	55/1 57/8 67/23	67/18	117/5 141/18	16/10
95/14 99/12	69/4 71/11 71/16	companies [3]	145/20 155/12	contact [4]
100/25 101/5	71/23 78/4 78/11	89/6 113/21	concerned [2]	21/15 21/25 22/3
clinically [1]	79/22 86/5 86/10	131/16	113/23 119/9	108/24
83/11	86/21 86/24	company [5]	concerns [2]	contacted [1]
clinicians [4]	92/12 92/16 93/8	118/9 118/9	16/9 18/21	60/17
61/25 72/10	94/24 96/14	120/14 148/25	concluded [1]	contacts [1]
72/11 75/4	100/15 101/23	149/5	172/25	30/5
clock [1] 14/8	106/17 107/5	compared [1]	conclusions [1]	continents [1]
close [9] 29/2	119/17 120/2	114/11	115/5	158/18
68/15 108/25	126/9 133/12	compares [1]	concrete [1]	continue [2]
109/1 109/20	138/4 140/15	79/11	56/23	134/13 169/16
135/2 143/1	148/18 150/10	comparison [1]	conditions [1]	continuing [3]
166/18 166/23	161/20 168/19	89/4	60/3	29/7 167/17
closer [1] 130/1	170/1 172/12	complained [1]	condone [1]	168/3
closest [3] 33/5	comes [7] 20/17	35/16	104/21	continuity [1]
47/25 48/3	22/23 43/6 56/12	complete [4]	cone [3] 70/12	65/20
closet [2] 48/10	93/12 108/25	18/3 94/21 142/8	109/13 109/14	continuous [1]
79/25	118/20	169/21	cones [1] 53/16	113/3
cloud [2] 73/14	comfortable [4]	completed [3]	conference [1]	contour [1]

C	160/18 160/19 173/8	6/2 7/22 13/17 14/17 31/2 34/22 57/18 57/21 58/4 115/13	110/14	129/14 130/12 130/21 130/23 131/22 134/2 134/6 135/24 168/2 169/10 169/20 169/21
contour... [1] 70/10	corrected [6] 103/7 145/23 149/14 151/12 153/8 159/1	counsel [2] 173/11 173/13	CRC [3] 1/21 173/5 173/19	CURRY [7] 4/19 4/19 12/24 14/15 19/5 19/25 20/10
contract [4] 129/13 129/25 130/5 130/12	correcting [5] 141/9 150/22 157/5 157/7 157/8	count [2] 118/24 122/6	CRCPD [4] 59/19 59/19 64/18 164/1	cut [3] 69/13 69/14 96/16
contracted [1] 129/16	correction [22] 141/21 142/13 142/16 142/19 142/20 142/21 143/13 143/14 144/6 144/7 144/16 144/21 145/7 145/16 149/6 149/11 150/6 150/24 151/9 153/7 154/8 157/2	counting [1] 14/6	cream [1] 8/18	cutting [3] 86/25 88/7 116/21
contractors [1] 65/19	correctly [1] 149/23	country [2] 32/20 66/17	creams [1] 94/14	cycle [3] 130/16 130/17 137/24
contracts [1] 130/8	cost [4] 88/6 88/8 88/10 89/4	county [7] 29/11 67/17 113/16 113/18 114/13 114/18 173/3	create [5] 62/14 77/25 78/5 78/8 80/5	cyclotron [1] 56/18
control [17] 1/11 2/9 2/9 2/10 2/10 2/11 2/11 5/1 5/7 13/8 14/15 22/9 98/4 99/25 159/12 161/7 169/25	could [27] 15/22 16/20 20/20 24/15 25/10 25/13 25/16 25/23 31/23 34/15 69/1 70/4 70/7 71/16 75/20 90/24 95/13 104/14 108/20 116/6 116/7 116/10 135/11 143/13 150/22 158/15 158/20	couple [17] 7/22 19/20 32/4 73/7 76/24 109/22 111/7 115/9 129/7 133/18 139/19 145/24 159/4 161/11 169/10 170/8 170/9	created [5] 32/17 36/3 77/22 105/19 160/4	Cynthia [1] 2/9
contracted [1] 129/16	cover [8] 38/12 41/15 75/24 80/13 104/24 111/24 123/21 165/15	credentialed [3] 32/10 32/11 58/12	creating [2] 35/14 160/8	D
controlling [1] 86/17	couldn't [9] 13/23 25/25 36/15 37/14 58/12 62/17 104/24 105/4 165/25	credits [1] 29/7	credentialing [3] 32/10 32/11 58/12	DABMP [1] 2/2
conversation [1] 43/14	Cooke [5] 2/10 4/22 4/22 9/25 126/24	creep [1] 130/9	critical [2] 71/2 75/19	DABR [1] 2/2
conversing [2] 53/23 67/9	copies [2] 128/3 139/11	criminal [1] 18/4	criteria [5] 46/1 46/2 51/23 52/4 114/19	DACBR [1] 2/6
conversion [1] 79/24	copy [5] 7/18 25/9 38/19 39/14 161/14	course [11] 11/21 38/5 57/18 59/9 60/1 92/13 111/16 135/5 135/24 136/20 168/20	cross [1] 33/20	daily [5] 73/18 84/10 85/7 104/8 104/12
convert [2] 79/23 170/13	conviction [1] 24/24	courses [9] 168/4 168/6 168/8 168/10 168/12 169/8 169/11 169/13 169/14	crossing [2] 34/2 34/7	dalliance [1] 35/9
converts [1] 60/19	convictions [1] 25/3	cover [8] 38/12 41/15 75/24 80/13 104/24 111/24 123/21 165/15	CRR [3] 1/21 173/5 173/19	damage [3] 112/21 112/23 112/24
convince [1] 69/17	convince [1] 69/17	covered [2] 101/24 152/20	crystals [1] 117/22	Danek [4] 2/6 4/14 4/14 6/21
Cooke [5] 2/10 4/22 4/22 9/25 126/24	convince [1] 69/17	covering [3] 102/4 104/22 158/17	CT [5] 2/5 55/16 55/24 133/12 165/13	danger [1] 75/17
copies [2] 128/3 139/11	convince [1] 69/17	covers [1] 138/25	CTs [3] 133/12 136/16 136/25	dark [1] 48/19
copy [5] 7/18 25/9 38/19 39/14 161/14	convince [1] 69/17	Covid [2] 10/17 106/16	Cuban [1] 8/15	darn [1] 109/20
Corbett [3] 2/5 15/15 48/20	convince [1] 69/17	crazy [2] 54/18	cumulative [2] 94/3 152/13	dash [5] 147/8 147/13 151/16 151/17 156/19
corner [1] 79/6	convince [1] 69/17		cure [1] 70/23	data [2] 24/18 119/22
correct [10] 49/22 52/1 143/9 151/11 151/13 156/22 157/10	convince [1] 69/17		curiosity [1] 30/9	database [2] 22/14 23/4

D	definition [6] 36/10 99/4 99/8 109/1 109/2 162/4	84/23	80/11	147/8 147/12
DATED [1] 173/15	definitions [5] 33/3 146/25 147/1 147/4 147/7	depths [1] 81/7	desk [1] 14/9	148/22 150/4
dates [2] 75/2 172/21	deliver [4] 67/13 75/7 75/8 92/21	dermal [2] 85/5 85/6	desquamation [1] 91/7	150/5 157/12 158/12 159/2 173/6
day [17] 6/5 8/11 17/1 17/2 17/18 29/17 37/10 48/13 90/20 94/10 101/4 106/17 113/2 124/16 129/6 130/9 173/15	delivered [5] 73/23 73/23 87/11 94/9 94/9	dermatological [6] 3/11 57/14 58/11 101/8 101/12 101/13	destroy [1] 85/10	didn't [22] 15/7 19/15 21/19 26/25 27/18 36/9 41/23 41/24 42/14 42/15 55/22 114/16 120/24 132/25 136/25 141/4 141/17 144/10 146/22 147/18 160/2 161/17
days [9] 14/7 16/25 21/24 38/1 90/16 94/10 114/23 126/7 171/10	demand [1] 36/24	dermatologist [11] 58/2 66/3 68/2 82/13 88/7 95/6 95/6 95/8 98/17 98/20 100/1	details [3] 42/14 131/13 133/10	41/23 41/24 42/14 42/15 55/22 114/16 120/24 132/25 136/25 141/4 141/17 144/10 146/22 147/18 160/2 161/17
Daytona [1] 118/1	delivering [1] 75/15	dermatologist's [1] 92/16	detection [4] 11/17 114/2 117/25 118/10	146/22 147/18 160/2 161/17
DC [1] 2/6	delivery [2] 72/11 73/1	dermatologists [18] 58/12 58/19 59/7 61/15 62/9 63/14 65/10 66/1 69/11 69/17 74/9 74/18 82/9 83/23 95/22 98/22 99/21 100/11	detector [6] 115/21 116/19 116/20 117/13 118/12 121/7	difference [6] 18/2 24/4 50/8 88/8 88/10 108/19
deal [2] 27/21 52/25	density [1] 132/5	dermatologists' [1] 77/13	detectors [4] 118/3 118/11 118/25 119/1	differences [1] 70/11
dealing [3] 22/22 114/9 115/24	dental [13] 110/8 111/10 111/11 111/13 111/14 112/3 112/4 134/14 136/15 136/18 136/24 137/14 137/25	dermatology [19] 58/17 59/3 59/3 60/1 61/15 62/18 67/11 68/1 69/22 71/5 71/21 72/17 79/12 79/15 80/7 82/10 82/17 98/16 101/3	developed [2] 11/10 92/8	different [30] 7/21 8/18 13/2 20/14 20/21 24/18 51/25 53/23 54/12 54/13 62/11 70/1 73/7 81/6 94/12 95/17 95/18 96/19 98/6 103/3 119/15 119/16 120/1 139/25 141/11 142/2 143/20 146/18 149/17 150/1
Daytona [1] 118/1	dental-type [1] 137/25	dermatologists' [1] 77/13	developing [1] 66/23	differentials [1] 147/15
DC [1] 2/6	dentist [1] 110/11	dermatology [19] 58/17 59/3 59/3 60/1 61/15 62/18 67/11 68/1 69/22 71/5 71/21 72/17 79/12 79/15 80/7 82/10 82/17 98/16 101/3	device [2] 88/22 117/2	differentiate [1] 136/7
deal [2] 27/21 52/25	department [19] 2/8 5/11 13/1 13/7 20/17 20/21 37/17 42/25 60/17 61/1 67/15 71/25 76/2 115/7 117/4 120/18 120/20 160/10 170/1	describe [1] 135/13	devices [2] 63/18 104/9	differentials [1] 147/15
dealing [3] 22/22 114/9 115/24	deserve [1] 115/11	design [12] 43/3 43/6 46/18 46/21 46/22 47/16 47/22 48/9 51/3 52/2 55/16 143/12	DEXA [5] 131/16 131/19 131/19 131/23 132/1	differentiate [1] 136/7
dealt [1] 86/12	designed [3] 94/2 108/21 142/1	designate [1] 53/18	diagnosed [3] 71/7 72/21 87/21	differentiation [1] 59/21
debate [1] 138/7	depending [3] 84/2 87/13 168/6	designated [1] 77/14	diagnoses [1] 62/23	difficult [5] 68/25 70/2 92/10 92/19 131/8
debridement [1] 91/23	depends [3] 94/2 108/21 142/1	designed [3] 25/1 80/16 80/17	diagnostic [7] 31/9 31/12 31/19 33/6 33/21 133/23 157/17	dinking [1] 105/5
decades [1] 165/11	depth [2] 81/12	designs [1]	dichotomy [1] 125/13	direct [3] 82/3 82/5 123/15
December [2] 1/18 173/15			did [37] 16/19 19/16 22/8 23/22 23/24 23/25 24/6 24/8 24/9 26/11 28/24 28/25 29/1 29/8 29/8 29/9 29/20 32/19 44/18 57/24 58/8 58/10 62/19 91/2 93/15 118/16 127/7 140/20	Director [1] 2/15
decent [1] 111/16				disagree [1]
decide [2] 48/11 106/7				
decided [5] 62/8 63/6 81/23 116/12 160/6				
decision [2] 29/20 81/15				
deemed [1] 83/8				
defined [3] 97/23 165/24 166/2				
definitely [6] 27/1 29/18 53/20 121/24 138/23 138/24				

D	64/2 73/13 73/25	70/13 71/10	94/2 94/4 94/9	dozen [1] 61/3
disagree... [1]	76/3 77/13 77/17	80/16 82/3 83/6	108/22 114/19	Dr [5] 2/14 61/9
115/4	77/18 78/22 81/5	83/7 84/19 85/10	118/5 118/13	70/24 97/15
disappeared [1]	82/15 84/12	86/9 90/9 90/19	136/11 136/18	130/14
104/13	85/15 85/24 90/6	91/23 93/20	139/20 140/3	Dr. [18] 4/8 5/23
disbursed [1]	101/19 102/12	95/24 96/17	140/19 141/9	8/8 8/24 14/20
47/23	103/10 120/21	96/19 97/13	141/20 142/12	26/1 57/20 57/24
discuss [1]	120/23 121/22	100/1 101/11	144/1 144/12	63/8 64/8 68/15
64/10	122/8 122/12	103/14 103/16	144/17 144/17	68/24 69/3 80/3
discussed [3]	125/2 138/9	104/7 105/4	144/21 148/15	83/21 92/8 99/14
37/11 159/24	149/25 165/1	105/15 109/4	148/19 148/21	124/4
167/16	167/23	116/15 119/6	149/23 151/9	Dr. Cognetti [1]
discussion [10]	doesn't [21]	127/19 131/13	152/11 153/8	57/24
30/20 30/23 31/8	20/3 33/20 40/7	132/17 133/9	154/3 154/4	Dr. Drotar [1]
31/21 34/19 35/3	51/3 56/24 85/2	134/16 134/19	161/21 161/22	26/1
107/14 110/18	85/20 86/16	135/6 138/14	161/25 162/5	Dr. Lio [2] 4/8
155/17 160/5	92/11 93/10	139/17 141/17	doses [6] 70/14	68/15
discussions [3]	95/10 102/9	142/9 142/20	75/15 75/16	Dr. Nicholas [1]
38/18 57/19	115/7 122/11	143/11 144/3	80/22 111/6	5/23
159/20	133/4 135/9	144/13 145/7	153/18	Dr. Schenkman
display [1] 122/5	135/10 135/13	147/4 148/12	dosimeter [1]	[4] 8/8 8/24
dissolve [2]	136/14 153/1	148/17 148/22	149/5	14/20 124/4
28/25 29/8	165/11	150/8 150/19	dosimeters [4]	Dr. Williams [1]
division [1]	doing [36] 9/8	151/6 152/15	76/11 77/7 149/1	57/20
12/25	13/18 25/21 26/7	153/20 153/23	150/12	Dr. Yu [7] 63/8
divorce [1] 66/6	41/5 49/21 52/8	154/5 155/10	dosimetry [7]	64/8 68/24 69/3
do [188]	54/9 54/13 55/3	159/25 163/14	73/14 76/16	80/3 83/21 99/14
docs [1] 82/21	59/13 60/3 62/12	170/4 171/1	111/25 140/20	Dr. Yu's [1] 92/8
doctor [9] 84/15	64/21 66/2 69/24	donated [2]	142/10 149/21	draft [4] 134/21
85/1 86/1 93/7	72/5 75/18 83/23	29/10 113/19	150/8	139/5 140/16
104/16 104/18	91/15 93/10	done [30] 10/20	dosing [2]	172/3
133/1 136/4	95/18 95/24	18/7 20/11 43/8	103/22 150/5	drafts [1] 139/11
142/25	97/13 103/25	43/22 46/24 47/3	double [6] 30/10	dramatic [1]
doctor's [2]	106/9 112/16	49/2 49/13 65/21	41/21 42/21	88/9
96/12 134/10	114/21 123/23	67/20 68/24	42/22 70/9 140/9	dramatically [1]
doctors [4] 13/2	128/24 134/6	77/19 81/14 87/3	doublecheck [1]	88/5
48/12 136/9	142/10 150/7	89/3 92/5 97/9	27/8	draw [1] 135/10
142/5	150/9 154/7	102/23 115/4	Douglass [7]	drawings [1]
doctors' [1]	168/3	119/14 128/4	2/10 4/22 9/25	52/13
138/19	don't [92] 4/4	130/3 146/14	15/1 123/12	drift [1] 104/10
document [1]	6/24 7/1 7/8 12/5	146/15 152/6	123/13 126/24	drifting [2]
59/1	15/8 19/17 19/17	152/7 157/12	down [19] 4/9	103/23 103/25
documentary [2]	19/23 23/11	163/21 172/14	14/9 14/19 34/16	drive [4] 93/8
115/3 115/10	23/16 27/19	door [4] 52/16	57/10 80/22 85/9	116/5 116/15
documentation	27/20 27/21	135/2 166/16	98/6 103/25	123/24
[1] 102/14	28/20 31/1 31/10	167/9	105/10 108/25	drop [1] 11/12
documents [2]	31/13 31/15	Doppler [1]	116/21 129/5	dropped [1]
137/17 159/18	33/16 39/24	84/13	129/18 130/24	41/12
DocuSign [2]	42/14 43/8 45/15	dose [42] 41/21	136/17 149/10	Dropping [1]
171/5 171/13	48/2 49/15 49/16	41/21 42/21	154/23 171/17	169/7
does [31] 6/19	54/8 54/11 55/17	42/22 51/6 70/9	download [1]	Drotar [1] 26/1
20/16 28/13 34/2	60/3 63/17 70/3	70/10 85/7 92/21	122/6	drove [1] 114/2

D	167/17 168/4 169/17	131/21 132/12 155/1 162/14 172/10 172/15	engineering [2] 161/24 162/1	essentially [7] 22/13 36/5 42/4 63/10 79/23 80/6 94/15
drug [1] 126/13	educational [3] 13/21 58/18 136/4	else's [1] 7/12	engineering	established [2] 63/10 64/15
due [1] 17/4	effective [10] 38/1 73/1 86/8 98/9 141/20 144/1 144/11 144/16 144/21 154/3	email [1] 39/13	going [1] 161/24	et [2] 58/23 80/22
dump [1] 135/1	effectively [1] 99/3	embarrass [3] 9/8 12/14 13/5	English [1] 114/9	evaluator [2] 37/22 37/22
during [4] 48/7 67/2 81/5 148/16	efficacy [2] 72/9 74/24	emergency [2] 138/13 138/18	enjoy [3] 87/25 93/3 106/9	evaluators [1] 53/24
duty [6] 37/19 47/13 116/1 116/2 116/4 116/13	efficient [1] 157/4	employee [2] 173/11 173/12	enjoyed [1] 126/24	even [26] 10/9 15/7 25/12 40/6 40/7 45/15 46/24 51/6 52/3 52/5 70/6 71/13 91/6 91/14 92/17 94/22 94/24 97/1 102/8 104/6 106/16 120/18 128/22 141/6 142/21 147/18
dying [1] 92/11	effort [2] 37/1 40/22	employees [1] 135/7	Enlighten [1] 110/16	event [3] 162/4 162/20 172/3
E	efforts [1] 67/18	employers [1] 31/14	enough [10] 24/1 36/24 99/24 100/6 100/7 102/6 113/24 131/5 143/2 146/15	events [3] 41/18 101/7 131/7
e-mailed [2] 127/24 139/12	eight [4] 60/13 91/16 107/25 118/19	empower [1] 67/10	entire [1] 66/17	Eventually [1] 150/9
E-mailing [1] 127/22	Eighty [1] 128/19	EMT [1] 16/11	envelopes [1] 20/6	ever [7] 13/12 46/19 61/13 86/11 86/12 145/16 153/24
e-mails [1] 172/20	Eighty-five [1] 128/19	EMTs [2] 17/9 30/9	environment [4] 62/14 73/22 81/22 150/13	every [27] 9/25 9/25 24/17 34/5 37/10 39/13 39/13 40/13 40/13 49/1 49/4 49/10 55/16 62/23 65/21 65/22 65/22 85/23 89/25 90/1 90/20 96/8 96/15 96/25 114/2 138/7 170/7
each [5] 4/3 75/2 75/23 116/6 116/13	either [9] 19/18 43/2 45/21 55/17 55/23 89/7 94/15 130/16 156/10	enamel [1] 111/19	environmental	Eventually [1] 150/9
earlier [2] 37/12 115/1	elaborate [1] 79/13	end [18] 22/19 23/9 29/10 45/13 58/14 63/19 84/24 90/22 91/20 91/21 92/23 96/17 102/16 109/15 111/3 118/17 130/8 168/9	[5] 4/15 4/17 10/12 51/10 120/4	environments
early [8] 6/11 14/3 30/1 51/24 52/4 61/2 69/13 97/21	elderly [3] 90/4 90/10 92/2	endeavor [3] 69/20 105/19 170/16	envision [1] 135/23	[2] 29/21 74/15
easier [2] 22/14 139/18	eldredge [2] 2/10 5/10	ended [1] 127/1	equal [1] 153/13	envison [1] 135/23
Easter [1] 126/7	ELDRIDGE [2] 110/20 148/4	endorse [1] 139/8	equally [1] 47/23	equal [1] 153/13
Easter's [1] 125/3	electron [1] 101/10	ends [1] 157/16	equipment [5] 11/17 21/13 115/19 122/13 135/19	equally [1] 47/23
Eastern [1] 158/24	electronic [7] 60/20 73/15 77/6 78/15 150/8 150/12 170/20	energies [2] 81/2 81/5	equipped [1] 98/25	equally [1] 47/23
easy [4] 43/11 76/4 86/2 157/2	eleven [1] 130/1	energy [7] 50/10 50/11 50/12 80/24 81/13 85/7 117/4	equivalent [2] 141/20 144/12	equally [1] 47/23
EB [1] 60/18	else [19] 11/24 15/2 27/21 32/17 32/19 37/4 57/7 58/20 60/12 112/6 119/25 125/2 128/8	enforce [1] 133/24	Erivedge [1] 94/20	equally [1] 47/23
EB2 [1] 142/23		enforcement [5] 12/1 131/15 146/2 169/19 169/20	especially [7] 6/5 20/13 32/9 45/10 87/7 94/12 145/15	equally [1] 47/23
ED1 [1] 142/22		engaging [1] 60/25	essence [2] 115/22 117/14	equally [1] 47/23
edged [1] 86/4				equally [1] 47/23
edited [1] 7/11				equally [1] 47/23
edition [1] 41/19				equally [1] 47/23
editorial [6] 6/22 148/7 156/22 159/21 159/22 160/20				equally [1] 47/23
edits [1] 155/20				equally [1] 47/23
educated [1] 63/16				equally [1] 47/23
education [6] 29/7 67/12 69/25				equally [1] 47/23

E	11/3 11/6 11/16 11/25 existed [1] 91/14 existence [1] 79/21 existing [2] 163/7 163/8 expand [1] 138/12 expanding [1] 162/4 expect [2] 115/9 127/19 expected [1] 77/24 expensive [2] 89/16 121/18 experience [1] 57/25 experimental [2] 164/11 164/14 expert [2] 4/15 71/17 expertise [1] 67/12 expiration [2] 39/1 40/7 expire [2] 40/5 168/9 expired [2] 38/9 41/4 explain [3] 36/14 36/18 60/9 exposed [3] 26/13 109/22 162/16 exposure [11] 82/21 114/15 114/25 134/17 137/18 144/12 145/7 152/14 162/8 162/9 162/20 exposures [2] 114/8 150/13 extension [1] 49/14 extensive [3] 74/11 77/16 99/12 extensively [1]	75/24 extent [1] 34/1 external [2] 144/12 163/24 extra [2] 70/10 102/13 extraction [1] 113/25 extremely [1] 76/4 extremity [1] 136/16 eye [1] 97/3	F F-ing [1] 110/14 F18 [2] 43/15 50/20 face [5] 15/1 93/18 93/20 94/13 143/11 facilities [24] 10/21 30/5 42/5 47/13 49/24 61/20 80/10 80/18 129/15 130/22 131/14 133/11 134/5 138/18 145/4 145/10 148/24 150/14 152/14 152/17 152/25 153/19 154/7 154/8 facility [19] 11/11 11/13 11/14 32/7 42/6 44/9 46/24 51/7 52/13 68/4 78/25 78/25 133/19 136/4 138/8 152/25 153/1 153/18 162/21 fact [8] 47/3 66/2 91/3 96/23 145/1 145/14 151/15 161/21 factor [15] 139/20 140/4 140/19 141/21 142/14 142/16 142/21 143/6	143/14 147/22 147/23 149/7 151/9 153/1 153/7 factors [9] 87/6 142/11 145/16 148/20 150/6 150/20 151/9 152/12 152/15 failed [1] 88/20 failure [1] 162/2 fairly [1] 86/2 fall [3] 31/11 138/9 162/11 falls [2] 79/2 86/6 family [6] 8/11 10/3 15/20 15/21 15/21 86/12 fantastic [2] 62/5 98/12 far [23] 8/6 28/20 28/24 31/11 33/8 48/2 49/23 63/21 67/10 67/21 71/19 73/12 74/3 74/23 75/13 75/22 79/12 87/10 88/10 108/19 109/9 109/10 162/3 fashion [1] 66/4 fast [1] 91/24 faster [1] 90/25 fat [3] 85/6 132/3 132/5 favor [4] 7/25 155/25 161/1 172/4 favorite [1] 47/24 FDA [3] 110/23 110/23 134/13 fear [1] 123/4 feature [2] 65/15 84/13 features [1] 170/15 February [4] 11/4 14/4 16/12 18/22	federal [1] 89/18 fee [4] 137/4 137/4 137/6 137/9 feedback [1] 54/1 feel [10] 8/19 26/12 26/18 43/21 65/5 67/7 69/14 122/20 122/22 137/12 feelers [1] 30/2 feels [1] 64/20 fees [1] 138/16 feet [1] 56/22 felt [1] 92/20 few [7] 19/9 23/2 26/1 27/18 108/22 112/20 146/16 field [6] 11/16 88/16 89/5 103/9 106/14 171/2 fifteen [2] 87/13 100/20 fifth [1] 65/22 fifty [1] 129/5 figure [4] 44/4 106/17 137/19 147/16 figured [1] 55/5 file [3] 26/10 39/16 146/8 filed [1] 38/2 files [2] 27/25 146/8 filling [2] 42/13 131/4 fills [2] 151/24 152/1 film [6] 76/9 76/10 76/12 76/12 76/20 76/21 final [2] 7/13 38/2 financial [1] 95/7 financially [1] 173/14 find [15] 58/10 58/12 59/12 60/6
----------	---	---	--	---	--

F	72/15 72/15 75/6 76/2 80/10 107/17 108/8 124/7 132/10 134/5 173/2 fluid [1] 49/5 fluoro [2] 113/8 150/13 focus [1] 59/10 folks [14] 13/2 30/11 30/23 31/17 42/5 60/8 63/5 80/11 93/1 107/15 129/19 129/24 131/23 131/24 follow [9] 58/6 58/8 58/9 91/12 95/2 107/14 133/16 144/18 155/9 Follow-up [1] 95/2 followed [1] 66/18 following [5] 40/24 89/21 132/8 141/7 158/8 foregoing [2] 173/7 173/7 foremost [1] 64/15 forever [3] 52/17 104/25 145/16 forget [3] 27/10 144/3 156/14 forgot [1] 35/15 form [3] 13/24 62/8 139/8 formalize [1] 160/9 Fort [1] 118/17 fortunately [1] 138/14 Forty [1] 63/22 forward [8] 10/5 31/16 49/7 155/12 155/20 155/21 156/4 171/15	found [5] 97/16 114/6 114/10 134/4 143/24 four [12] 35/22 87/11 87/16 94/10 97/24 98/3 101/7 140/23 140/24 140/25 141/2 152/4 fourth [2] 125/1 129/12 fraction [2] 65/22 65/24 fractionation [1] 91/15 fractionations [1] 90/25 fractions [5] 86/18 91/16 91/18 92/17 98/2 free [10] 8/19 11/9 26/18 61/19 67/7 67/23 77/20 80/4 127/3 138/13 free-standing [3] 77/20 80/4 138/13 freeze [1] 96/14 frequent [1] 38/15 frequently [3] 38/14 76/2 90/16 Friday [1] 124/14 friendly [1] 122/7 front [6] 22/19 63/19 84/24 102/15 123/16 157/6 frown [1] 96/2 full [12] 10/11 10/14 10/15 55/4 55/11 65/18 97/10 97/22 130/2 131/5 133/12 133/12 full-blown [1] 55/11 full-body [2] 133/12 133/12	fully [2] 37/12 97/11 fun [3] 6/5 56/9 169/19 functionality [1] 170/15 funds [1] 29/10 funny [2] 21/12 41/3 further [4] 74/11 107/14 155/16 173/10 Futch [9] 2/9 5/1 7/14 37/5 38/22 42/18 106/2 107/3 169/19 future [3] 20/25 93/24 106/13 FYI [2] 38/7 49/6	47/13 59/17 generate [1] 25/11 generated [1] 80/25 generation [3] 73/8 83/4 119/23 generic [2] 50/25 76/14 genre [1] 92/25 George [5] 2/5 5/13 22/4 22/7 39/6 get [91] 4/3 6/6 8/7 11/19 11/20 13/23 14/25 18/6 19/13 20/6 23/5 23/16 26/25 29/15 36/9 38/9 39/19 41/8 41/23 41/24 42/6 43/11 49/14 53/1 53/3 53/3 53/21 54/4 55/9 59/3 63/7 64/1 65/23 67/4 69/14 70/19 82/9 82/20 90/8 91/24 92/18 93/2 93/3 93/9 95/18 97/7 99/23 103/16 106/18 106/24 107/10 109/18 109/20 111/16 113/8 114/24 116/8 116/24 117/6 118/22 119/10 119/11 120/20 122/4 122/5 122/5 126/11 126/20 127/15 128/5 130/2 130/2 130/4 130/25 131/5 131/10 131/19 133/12 143/3 145/22 146/3 149/25 153/18 153/19 158/12 161/8 161/14 163/18 168/20 169/15 171/22
		G		
		GAIL [17] 4/19 4/19 12/10 12/12 12/14 12/15 12/18 12/24 13/5 13/17 14/1 14/15 19/5 19/25 20/10 30/9 30/18 Gail's [2] 13/6 22/19 game [1] 71/11 gamma [7] 41/19 41/19 78/13 115/23 118/13 119/16 119/20 gamut [1] 59/23 gap [2] 41/22 83/13 gate [1] 118/20 gatekeepers [2] 63/25 98/23 gates [1] 118/19 gathered [2] 46/4 51/21 gave [2] 7/5 104/15 gavel [1] 155/14 general [4] 17/13 17/23 43/20 95/5 generally [2]		

<p>G</p> <p>gets [14] 9/4 19/19 20/7 25/5 27/13 53/21 55/16 65/22 69/13 96/4 127/20 129/1 166/21 166/22</p> <p>getting [25] 10/21 19/2 29/3 29/4 29/15 38/8 38/19 39/4 40/4 51/5 51/6 54/1 55/15 56/17 70/8 70/9 70/14 86/17 87/21 94/24 105/12 131/18 147/10 147/11 164/7</p> <p>Gilbride [2] 2/5 5/13</p> <p>Giovanna [11] 2/11 4/16 4/16 10/24 10/25 37/4 37/5 37/7 38/17 55/8 120/6</p> <p>Giovanna's [1] 10/24</p> <p>give [29] 8/20 13/3 14/10 16/6 16/6 16/20 28/1 37/14 38/16 46/18 47/1 49/18 56/7 61/23 69/7 71/17 85/2 96/9 99/18 107/11 118/12 119/2 132/18 132/21 133/13 143/19 144/3 144/4 159/2</p> <p>given [3] 41/22 90/25 98/2</p> <p>gives [5] 88/2 88/2 102/19 116/16 153/22</p> <p>giving [3] 38/10 59/9 113/15</p> <p>glad [3] 27/15 41/14 55/21</p> <p>glance [1] 35/13</p> <p>go [45] 20/20</p>	<p>21/23 23/15 29/25 34/22 35/5 35/6 36/8 47/9 54/17 57/13 66/25 100/12 102/12 102/13 103/23 105/5 111/18 113/24 117/7 118/23 119/6 122/21 123/7 123/12 124/5 125/22 126/13 127/3 128/11 128/12 132/19 134/7 146/22 151/7 155/21 159/10 162/25 163/22 167/5 167/18 167/24 170/20 170/22 172/9</p> <p>God [4] 26/15 37/8 101/20 110/12</p> <p>goes [18] 27/11 49/3 67/10 70/12 73/13 73/18 74/3 75/13 76/4 83/10 85/4 91/17 99/14 116/2 119/8 119/9 119/11 132/17</p> <p>going [103] 6/4 6/5 6/8 6/10 9/11 9/16 9/23 11/5 11/14 12/14 13/3 14/12 15/25 23/20 25/11 27/2 29/18 29/21 34/11 35/8 37/4 40/17 40/18 42/23 47/22 48/12 49/6 49/7 49/9 53/2 53/3 53/4 53/9 53/20 54/17 57/12 57/15 63/6 63/15 64/8 66/8 66/24 70/11 72/22 75/22 77/12 80/20 80/21 84/17 84/20</p>	<p>84/20 84/21 85/3 85/25 86/5 87/24 91/19 92/13 94/15 94/23 96/14 99/21 101/22 102/6 103/4 106/24 107/4 107/10 107/10 110/13 112/2 113/14 114/18 116/4 116/22 121/13 125/2 125/9 126/13 126/14 127/14 130/7 130/11 130/18 131/15 133/14 133/16 140/15 145/6 145/11 145/17 146/7 148/21 148/25 149/1 149/4 149/5 150/23 154/15 161/24 167/18 169/5 171/15</p> <p>Gonad [1] 140/3</p> <p>gonadal [1] 156/11</p> <p>Gonads [1] 140/11</p> <p>gone [4] 64/21 132/7 140/10 168/3</p> <p>gonna [1] 149/3</p> <p>good [57] 4/2 4/22 5/5 6/13 10/6 10/15 10/21 11/21 16/1 16/1 16/18 17/20 21/25 22/3 22/4 25/16 25/23 26/7 26/9 35/4 56/6 56/8 56/11 56/23 64/5 64/6 72/4 83/9 92/5 92/9 96/21 99/6 106/5 111/6 111/15 123/9 123/14 125/23 126/3 126/8 126/16 127/9 131/1</p>	<p>136/22 136/23 137/12 137/19 137/22 143/6 147/18 161/5 161/7 166/12 167/14 167/25 172/11 172/17</p> <p>goodness [2] 21/14 52/17</p> <p>goofy [1] 112/2</p> <p>got [35] 7/9 7/15 7/19 14/11 21/17 24/11 25/6 37/8 37/23 43/5 46/11 47/9 54/2 56/8 60/19 69/23 76/7 92/11 100/19 101/21 108/6 115/2 120/7 126/9 126/23 133/21 134/10 134/11 139/19 146/17 151/17 154/10 156/16 156/18 165/10</p> <p>gotcha [4] 50/21 125/6 162/22 166/12</p> <p>gotten [2] 13/23 145/9</p> <p>gown [1] 93/6</p> <p>grade [5] 86/19 91/3 91/4 91/8 91/9</p> <p>grades [1] 96/20</p> <p>graduating [1] 26/2</p> <p>graduation [1] 17/4</p> <p>grammar [1] 151/13</p> <p>grammatically [1] 160/17</p> <p>grand [5] 64/8 65/1 68/19 69/4 69/25</p> <p>grant [1] 65/4</p> <p>granularization [1] 85/9</p> <p>graphy [1] 15/11</p> <p>grateful [1] 60/24</p>	<p>gray [1] 34/7</p> <p>great [9] 27/15 60/23 67/6 83/3 93/9 98/13 104/22 105/25 122/16</p> <p>greater [2] 91/19 170/14</p> <p>green [1] 113/10</p> <p>Grenz [2] 60/14 107/25</p> <p>Grindstone [1] 81/1</p> <p>ground [1] 28/7</p> <p>group [10] 22/19 22/21 31/17 54/4 55/9 123/21 132/24 133/21 134/1 160/6</p> <p>groups [1] 54/12</p> <p>growing [1] 17/20</p> <p>GSLDE [1] 76/13</p> <p>guarantee [1] 46/19</p> <p>guava [4] 8/19 9/1 9/5 9/6</p> <p>guess [11] 37/13 42/12 45/19 52/21 55/13 90/10 141/18 144/13 150/7 153/13 155/10</p> <p>guidance [3] 71/18 81/9 84/19</p> <p>guide [1] 144/9</p> <p>guided [2] 63/11 65/15</p> <p>guidelines [2] 16/16 89/21</p> <p>guitar [1] 93/12</p> <p>guy [2] 120/4 151/6</p> <p>guys [30] 16/22 17/19 37/6 37/9 37/11 37/13 37/15 44/23 44/24 54/5 57/2 60/24 62/4 62/24 63/19 63/22 65/3 65/5 67/2 79/10</p>
--	---	---	---	--

G	112/20 handful [2] 65/19 93/22 handheld [8] 110/12 110/17 110/23 111/14 112/1 112/3 112/6 134/14 handle [2] 20/20 22/15 handled [2] 21/1 23/8 handles [1] 22/20 handling [1] 123/17 hands [10] 16/18 19/1 23/13 23/14 57/9 67/3 98/22 100/25 112/21 113/5 hang [1] 14/11 happen [15] 12/7 20/24 27/18 28/7 63/6 64/9 64/19 85/24 101/20 101/25 102/12 103/10 103/15 104/14 145/18 happened [11] 13/10 19/17 26/3 27/18 66/21 102/1 102/7 102/25 104/6 119/4 168/22 happening [7] 23/11 25/16 30/3 31/5 34/24 51/20 99/21 happens [3] 92/12 102/14 156/13 happens when [1] 156/13 happy [13] 8/8 8/8 8/12 9/13 28/17 66/14 67/3 99/18 100/12 100/13 100/15 112/22 115/15 Harbor [1] 19/18	hard [9] 15/25 31/4 35/24 36/14 49/18 53/2 111/17 153/17 153/21 Hardee [3] 113/16 113/19 114/13 harder [2] 29/15 29/15 hardly [1] 146/10 hardware [1] 162/2 hardware/software [1] 162/2 has [57] 13/8 14/8 16/8 26/1 32/17 32/19 32/21 34/13 39/13 44/25 46/8 46/15 52/15 52/17 56/6 59/19 60/17 64/19 64/20 65/5 65/15 65/21 72/15 73/6 73/14 73/20 73/22 84/12 85/1 86/1 86/21 90/6 90/7 91/6 102/1 102/18 102/25 103/3 103/13 116/5 117/14 118/10 120/7 121/21 122/10 124/1 124/4 125/7 132/13 132/19 135/21 137/11 148/4 150/7 161/10 168/22 172/4 hat [1] 170/12 have [311] haven't [7] 10/20 13/23 26/4 27/20 33/4 39/16 131/14 having [29] 15/23 23/9 36/8 36/19 36/21 41/2 44/2 48/6 48/23 49/14 54/12	67/19 71/3 71/11 75/10 75/17 79/1 81/9 83/17 86/12 88/1 91/1 100/8 100/8 102/14 105/1 112/21 133/6 145/6 hazard [1] 136/1 he [22] 15/8 19/12 37/14 37/16 37/17 37/19 52/19 61/17 68/15 82/15 93/13 93/16 93/16 95/10 101/14 101/17 104/17 104/18 116/1 166/15 166/21 166/22 He'd [1] 112/19 He'll [1] 11/18 he's [10] 37/16 37/18 61/9 61/11 63/6 82/14 134/11 157/7 161/7 167/9 head [5] 109/19 109/21 110/1 110/4 110/6 heal [2] 91/23 92/3 healing [2] 82/20 90/6 health [16] 2/8 5/9 5/11 6/1 61/2 67/16 71/25 73/6 73/12 73/15 73/21 76/3 124/7 131/17 132/14 150/18 Health's [1] 67/15 hear [5] 11/2 30/4 30/7 115/11 166/1 heard [5] 26/4 27/20 30/25 31/5 40/20 hearing [1] 29/24 Heavily [1]	50/16 heavy [1] 47/13 heck [1] 15/9 hell [3] 77/7 82/22 147/17 Helms [1] 37/24 help [11] 12/1 13/22 18/23 54/5 60/9 71/16 84/4 92/8 106/10 129/4 135/20 helping [1] 69/24 helps [1] 100/10 hemisphere [1] 158/23 Hence [2] 42/21 42/22 her [22] 8/10 8/11 8/11 9/8 11/2 12/17 13/20 14/1 14/2 14/2 14/9 14/16 16/14 16/20 16/20 26/4 37/23 52/10 56/7 112/18 123/17 143/1 here [33] 4/10 5/4 7/18 8/15 10/3 14/2 14/8 14/19 38/7 50/14 57/18 57/18 60/8 60/25 61/2 61/4 62/4 64/14 97/4 103/4 111/25 115/17 124/23 126/12 141/12 147/16 148/1 148/10 157/8 161/15 163/2 166/10 172/16 here's [3] 96/13 96/22 97/4 hereby [2] 14/14 173/5 herself [1] 9/4 hey [2] 115/14 146/3 hi [2] 5/5 93/1 Hide [1] 26/16 high [5] 66/22 75/16 83/18
H				
had [68] 6/22 7/21 10/20 13/17 19/12 21/16 24/23 28/23 29/15 30/23 34/19 35/9 35/21 35/22 36/2 36/18 39/2 41/6 41/9 42/4 42/15 43/7 43/25 52/12 57/18 57/20 63/23 69/19 74/7 76/9 83/7 86/10 91/8 93/16 96/6 101/7 101/14 102/3 103/6 103/8 104/6 105/15 106/2 110/11 110/18 112/17 112/18 113/6 115/4 118/4 119/3 123/20 128/22 131/7 131/10 133/18 133/19 134/23 136/2 139/1 141/14 146/15 149/20 149/23 150/2 150/5 160/5 160/9 hadn't [1] 164/5 half [6] 87/17 90/17 93/7 101/2 104/12 105/23 halfway [2] 157/23 157/25 Hampton [1] 1/12 hand [2] 93/14				

H	143/13	163/4 164/10	42/23 52/5 57/15	63/12 93/24
high... [2]	hospital [7]	164/12 164/21	66/14 66/24	image [6] 63/11
114/10 150/13	27/11 61/19	164/22 165/2	75/22 84/20	65/15 81/9 84/19
high-level [1]	62/13 67/23 80/4	165/7	84/20 84/21	111/16 122/11
66/22	101/4 132/25	humans [1]	84/22 86/8 92/14	images [1]
higher [3] 50/10	hospital-based	165/9	109/8 109/8	102/25
50/11 50/12	[3] 61/19 62/13	hundred [3]	110/12 110/13	imagine [1]
highest [3]	67/23	84/21 113/2	110/15 110/21	153/21
67/12 73/9 74/4	hospitals [5]	129/5	113/14 114/9	imaging [5]
Hilton [1]	32/12 40/15	hurt [1] 100/3	117/10 123/9	45/10 81/10
126/21	52/24 138/19	hurting [1]	137/1 146/15	81/22 81/25
him [5] 18/17	145/15	64/22	147/10 147/11	84/24
80/8 95/9 101/15	hosted [1] 68/19	husband [1]	147/15 147/16	immune [1]
167/1	hot [1] 52/8	112/18	147/21 148/14	94/14
hired [1] 15/6	hotel [1] 126/20	hyperbaric [1]	150/16 151/11	important [8]
hiring [1] 37/9	hour [5] 93/7	91/22	151/20 153/6	60/8 64/1 70/3
his [12] 10/11	101/2 114/10	hyperpigmentati	153/13 155/16	70/15 98/14
15/16 19/12	114/11 114/12	on [1] 91/4	157/7 157/10	105/22 124/9
37/15 57/25	hours [4] 54/19	hyphens [2]	157/11 159/22	159/15
57/25 58/2 93/14	74/21 100/20	6/24 7/2	162/13 163/10	impossible [1]
93/15 112/20	116/7	I	163/20 164/19	92/2
112/21 143/1	house [3] 11/10	I'd [4] 15/18	166/4 167/18	improve [2]
histologies [1]	21/15 27/6	99/18 125/8	171/2 171/16	67/16 80/1
98/6	how [42] 11/16	143/21	172/14	IMRT [1] 164/4
history [5] 24/22	33/8 34/16 35/15	I'll [14] 8/7 8/25	I've [15] 37/7	in-house [1]
57/17 57/25	38/6 46/4 47/19	16/8 18/22 27/15	44/1 69/8 69/9	11/10
61/19 136/19	47/20 51/21	29/19 64/13	69/16 76/7 86/9	in-person [1]
hit [2] 10/18	59/14 62/16	68/23 111/24	86/10 110/14	12/6
129/22	63/22 63/23 64/7	115/15 126/25	119/14 137/16	in-state [1]
hmm [3] 26/12	64/10 66/22	128/1 144/4	139/19 146/7	131/19
41/2 133/2	67/24 77/13	144/5	146/15 146/17	inability [1]
hold [2] 112/11	77/14 77/14	I'm [105] 4/8	IAEA [1] 137/17	29/13
118/23	79/10 83/3 85/14	4/12 4/12 4/14	ICRP [1] 144/15	inaccessible [1]
holding [4]	86/10 86/23	4/14 4/16 4/16	ID [5] 118/13	72/14
49/12 112/20	97/12 100/5	4/19 4/19 4/22	118/24 119/2	incentive [1]
122/23 122/25	106/17 107/16	4/23 5/1 5/2 5/6	119/5 119/20	95/8
home [3] 16/11	108/19 109/9	5/8 5/11 5/13	Ideally [1]	inch [1] 119/1
17/9 123/5	109/18 112/15	5/14 5/16 5/20	129/22	inches [1] 109/8
homes [1] 90/23	119/18 121/11	5/20 5/23 5/24	ideas [1] 19/2	incidence [2]
Honestly [3]	125/12 125/19	6/7 7/2 7/4 9/5	identification [1]	72/18 72/18
88/15 95/25	131/20 134/8	9/7 9/16 10/9	116/4	incident [1]
104/25	148/22 151/22	11/24 12/13	identified [1]	116/10
honors [1] 8/21	153/4	12/22 12/22 13/3	102/2	incidents [2]
hoo [1] 172/19	however [1]	14/12 15/8 15/23	identifier [1]	115/25 116/23
hope [2] 4/3	163/16	15/25 16/1 16/20	115/23	incision [1] 87/7
126/8	huge [5] 30/15	18/8 20/18 20/19	identify [1]	inclined [1]
hopefully [8]	31/17 71/5	24/1 24/2 25/8	146/22	33/13
12/6 65/5 66/20	108/13 129/4	26/10 26/25	identifying [1]	include [4] 33/8
93/24 126/20	Huh [2] 143/17	30/22 37/6 38/6	101/25	36/10 143/23
130/18 148/18	164/19	39/21 41/13	IG [2] 63/12	162/5
167/19	human [9]	41/20 41/22	93/24	included [1]
hoping [2] 127/2	134/17 136/5		IG-SRT [2]	9/20

I	initially [1] 40/23	115/19 119/17	169/23	162/21
includes [3] 17/14 33/22 165/8	injected [3] 43/15 44/20 44/22	insurance [1] 89/6	involved [5] 42/5 134/10 136/24 163/19 165/10	J
including [2] 13/3 18/11	injecting [1] 86/15	integrated [1] 67/17	involvement [1] 88/19	jails [1] 132/11
inclusive [1] 165/7	Inn [1] 1/12	integrities [1] 54/18	involves [2] 137/3 146/2	James [13] 2/9 5/1 7/14 15/5 15/14 37/5 38/22 42/18 106/2 107/3 165/25 169/19 172/13
incorporated [3] 7/13 7/16 118/8	inner [1] 108/22	intent [1] 64/18	involving [1] 79/13	January [5] 11/4 17/11 17/18 30/1 168/9
increase [1] 88/5	innovative [1] 71/4	interested [2] 115/3 173/14	iodine [7] 51/24 52/3 117/16 117/17 117/23 118/11 119/1	jeopardized [1] 69/1
increasing [1] 18/14	inquiry [1] 115/2	interesting [8] 35/20 39/12 69/4 92/24 132/24 133/6 150/21 151/4	ionizing [4] 33/10 34/14 36/7 36/11	jewelry [1] 112/20
incredibly [2] 86/7 105/21	inside [1] 12/25	interests [1] 148/5	IORT [1] 60/18	jig [1] 110/2
incubation [1] 43/16	insight [2] 135/21 138/24	interfaced [1] 13/21	IRB [1] 163/19	job [1] 37/8
independently [1] 77/2	insist [1] 103/12	intermural [1] 108/23	is [310]	Joe [3] 4/14 140/20 147/18
indicating [1] 148/10	inspect [1] 148/18	internal [4] 11/7 140/20 142/10 142/11	isn't [6] 79/2 145/1 156/19 162/7 164/1 171/14	John [5] 2/11 10/11 122/14 122/18 125/15
individual [7] 59/6 163/4 163/5 164/21 165/15 165/23 166/2	inspected [4] 129/19 129/20 129/25 149/25	internally [1] 7/20	isotope [3] 115/23 116/4 118/6	John's [1] 11/10
individuals [6] 27/22 75/9 155/11 164/13 165/6 168/23	inspection [5] 10/15 76/3 76/4 129/22 137/24	international [2] 118/17 148/9	isotopes [1] 119/16	Joining [1] 158/18
industrials [3] 134/23 134/24 135/3	inspections [5] 71/25 129/17 129/24 130/6 148/16	internet [1] 58/13	isotopic [1] 115/22	Joint [1] 38/2
industry [3] 71/17 79/11 105/18	inspector [3] 37/13 130/23 131/3	interpretation [1] 99/22	issue [10] 23/5 38/21 40/6 41/9 43/5 44/5 45/2 144/9 162/23 171/14	jointly [1] 92/8
influx [1] 17/4	inspectors [7] 10/19 117/1 130/24 131/3 131/5 148/18 169/25	interrupting [1] 67/7	issued [6] 17/21 35/15 38/20 39/14 128/20 168/10	Joseph [3] 2/6 4/14 6/21
information [17] 16/21 20/5 20/24 21/22 22/3 22/5 24/7 25/1 28/1 45/18 45/21 58/4 96/22 99/19 140/25 141/2 148/13	inspiration [1] 139/2	interstitial [1] 108/23	issues [5] 10/21 26/2 29/24 30/4 113/6	Josh [2] 66/25 92/24
informed [2] 96/25 97/10	instance [8] 52/15 70/4 78/3 103/10 118/15 118/16 119/7 157/18	interviews [1] 115/6	it [455]	Joshua [2] 2/15 61/21
infrared [1] 58/1	instant [1] 11/8	intraoperative [1] 60/21	it's [205]	jostled [1] 79/2
ing [1] 110/14	instantaneously [1] 109/21	introduce [1] 4/6	itches [1] 86/13	Journal [1] 59/2
initial [5] 24/23 48/9 65/7 68/10 78/10	instead [4] 15/10 119/24 147/2 159/6	introducing [1] 4/4	items [1] 75/24	Joy [1] 54/2
	institutional [1] 97/18	introductions [1] 61/8	its [5] 14/17 33/19 34/13 38/25 148/4	July [1] 144/13
	instrument [2]	investigations [1] 131/15	itself [2] 137/5	June [5] 12/7 55/10 55/12 130/16 130/18

J

just... [106]
 27/25 29/17 30/9
 31/7 31/7 31/17
 32/17 34/16
 34/18 38/7 38/11
 39/17 46/1 46/17
 47/10 48/20
 48/22 49/6 50/7
 50/25 52/23 53/8
 54/11 54/21 60/1
 62/5 64/21 65/21
 65/24 68/9 69/7
 73/21 76/14
 76/15 76/17 77/7
 81/21 82/4 83/7
 85/1 85/10 85/13
 85/23 86/15
 86/18 86/20
 86/25 88/7 91/23
 93/17 94/3 94/16
 95/11 95/24 96/3
 96/9 97/24 100/3
 100/21 101/14
 101/22 101/24
 102/4 102/7
 105/23 107/23
 110/5 115/11
 117/14 117/18
 119/2 124/5
 127/20 127/24
 128/2 128/13
 128/15 131/12
 131/12 133/10
 137/3 137/10
 139/3 140/16
 141/20 142/9
 142/15 142/20
 142/21 145/6
 146/3 146/13
 148/6 148/14
 152/3 154/2
 154/4 155/9
 156/22 158/2
 162/25 163/10
 165/4 166/15
 167/1 168/23

K

Kathy [1] 25/25
keep [17] 17/7
 18/16 19/7 21/21

21/24 29/21 30/1
 30/8 31/4 45/7
 80/21 109/20
 110/4 126/9
 138/1 154/10
 170/4
Keeping [1]
 112/13
keeps [1] 10/12
Keiser [1] 26/2
keloid [1] 86/13
keloids [3] 86/7
 86/8 86/10
Ken [1] 19/18
Kenalog [1]
 86/16
kept [3] 100/21
 103/25 110/13
kerfuffle [2]
 127/9 127/10
Kevin [4] 10/25
 37/13 54/2 126/8
key [3] 9/25
 22/24 105/15
kicking [1] 77/5
Kid [1] 37/10
kid's [1] 121/17
killed [1] 137/11
kind [37] 8/23
 8/24 13/16 15/5
 24/19 24/24
 32/22 33/21
 35/24 36/7 40/21
 43/21 44/18 49/5
 54/6 55/2 55/10
 55/23 56/20
 63/20 69/9 72/4
 83/17 86/3 90/12
 90/20 91/14
 92/25 95/16
 98/10 110/2
 126/24 132/21
 141/6 142/7
 145/13 169/2
kinds [2] 8/18
 169/25
kit [1] 60/19
kitchen [1]
 52/20
knee [1] 92/1
knew [6] 15/6
 62/9 62/16 63/5

63/23 98/11
knife [2] 41/19
 41/20
knock [3] 10/10
 17/3 86/19
knocking [1]
 167/9
know [272]
knowing [4]
 23/10 48/22 65/7
 103/24
knowledge [4]
 33/24 55/21
 57/22 153/25
knows [3] 14/7
 16/15 52/18
kudos [1] 129/1
kVs [1] 111/18

L

lab [3] 11/11
 11/22 49/21
Lakes [1] 113/19
Landauer [7]
 142/18 149/11
 149/13 153/22
 155/2 155/3
 155/6
language [10]
 127/11 134/21
 135/9 136/2
 137/2 137/3
 137/13 151/10
 162/3 165/3
large [7] 1/22
 22/22 72/16
 72/18 96/18
 118/2 137/21
larger [2] 116/19
 135/1
largest [4] 61/11
 113/20 130/21
 130/22
last [31] 7/15
 12/17 21/12 25/6
 35/20 36/2 37/11
 37/21 39/17
 41/18 43/14 55/3
 118/7 123/5
 123/15 125/16
 125/17 125/18
 129/22 130/25

131/7 134/15
 137/2 140/8
 145/14 158/11
 159/5 159/5
 159/11 161/12
 167/16
late [2] 71/11
 113/15
later [6] 11/18
 35/16 48/11 70/7
 104/6 149/16
latest [1] 139/11
Lauderdale [1]
 118/17
Laughter [13]
 4/11 5/19 9/19
 13/14 14/5 15/12
 18/19 26/14
 28/18 63/1
 124/24 155/18
 167/3
law [3] 12/1
 96/24 97/7
lawyers [4]
 33/14 35/13
 156/24 165/10
layer [2] 84/16
 85/5
layers [1] 99/1
layover [1]
 16/19
lead [6] 78/4
 78/5 78/9 95/16
 139/4 143/5
lead-lined [2]
 78/4 78/9
leader [1] 5/2
leadership [1]
 61/24
leakage [1]
 143/12
leaking [1]
 78/12
learn [1] 37/9
learned [1]
 106/1
learning [1]
 11/16
least [5] 40/10
 54/5 89/16
 115/11 156/16
leave [6] 6/11

15/25 29/1 44/8
 94/15 156/14
Leaves [3]
 130/10 130/14
 166/14
leaving [4] 16/1
 16/1 16/12
 147/15
left [4] 42/12
 129/9 131/3
 147/13
legal [3] 104/20
 132/9 134/3
legislation [3]
 33/1 35/21 36/2
Legislature [1]
 36/9
legislatures [1]
 29/25
lesion [6] 81/12
 84/6 84/15 88/25
 97/24 102/16
lesions [10]
 85/14 87/13
 88/24 89/1 89/2
 90/19 95/10
 97/22 98/1 103/8
less [1] 91/19
let [18] 15/4
 16/4 16/6 21/18
 23/21 30/7 38/13
 39/17 45/15 53/3
 61/8 107/22
 138/5 138/5
 156/24 161/13
 169/4 169/5
let's [8] 9/12
 85/19 111/25
 125/22 143/11
 156/24 169/14
 172/12
letter [3] 38/12
 114/13 145/17
letters [2] 41/15
 49/14
level [7] 35/24
 36/6 36/11 66/22
 67/12 73/9 74/4
liability [1]
 48/21
library [1]
 170/22

L	16/7 16/9 16/23 19/12 21/24 22/20 23/9 24/7 24/22 26/23 27/17 28/16 34/4 34/8 34/8 35/1 36/17 38/13 40/13 40/25 41/7 41/8 41/21 43/21 44/8 44/17 44/18 46/3 46/10 46/19 48/9 48/22 49/16 50/17 51/23 52/10 52/14 52/20 52/24 55/20 56/19 58/25 59/10 65/8 65/24 71/25 72/1 73/21 79/11 81/21 84/3 84/7 85/14 85/15 85/18 85/20 85/23 86/21 86/22 86/23 88/4 88/7 88/8 88/11 90/4 90/4 90/5 90/6 90/7 90/8 90/8 90/16 90/23 91/7 91/8 92/24 93/2 93/20 94/12 94/13 94/13 94/13 94/16 95/19 99/19 102/10 103/3 106/9 106/18 107/25 108/5 109/19 110/8 110/15 113/4 113/6 113/7 116/3 119/23 121/14 125/15 126/12 133/25 136/12 137/18 137/22 138/2 143/21 145/15 145/17 146/6 149/10 151/13 152/24 153/22 154/7 157/22 162/16 164/10 164/10 171/9 172/22	liked [2] 36/19 36/21 likely [1] 72/22 limited [1] 132/11 line [5] 78/5 89/19 89/22 135/10 158/11 linear [2] 99/25 100/2 lined [2] 78/4 78/9 link [2] 119/22 122/1 linked [1] 135/24 Lio [4] 2/14 4/8 61/9 68/15 list [3] 6/18 131/23 139/1 listed [2] 14/19 133/6 Listen [1] 126/11 listening [1] 70/19 literal [1] 99/22 literally [5] 52/12 52/16 62/12 84/9 93/8 little [35] 6/12 8/14 8/15 8/20 13/4 13/5 14/12 15/4 17/5 17/6 22/14 23/12 24/20 25/5 35/9 37/7 57/16 57/17 58/6 62/18 63/9 64/11 69/8 78/8 83/19 88/21 88/21 107/11 109/15 111/21 113/15 115/17 119/10 133/23 149/17 live [4] 4/2 93/17 150/24 154/15 livelihood [1] 93/15 living [1] 171/3 local [1] 29/11	locations [2] 47/18 116/6 lock [4] 104/9 105/6 105/10 110/5 locked [1] 104/25 lockout [1] 103/6 logged [1] 103/1 logging [1] 148/3 long [10] 6/18 11/22 29/14 42/19 61/18 83/24 97/13 102/5 163/16 170/16 longer [4] 29/1 29/21 111/17 172/16 longer they [1] 111/17 look [41] 7/3 7/19 10/5 24/1 25/14 27/1 27/25 28/3 33/1 34/18 35/23 51/9 55/11 58/23 59/15 71/19 71/25 72/1 72/5 77/23 79/25 84/3 84/16 86/2 88/16 88/21 89/4 97/3 102/10 102/20 107/22 119/18 124/23 135/18 136/19 136/20 137/20 138/5 139/14 148/19 169/12 looked [10] 33/2 33/4 35/13 35/16 62/11 86/1 95/19 97/19 98/7 103/2 looking [18] 17/20 18/12 18/16 26/10 26/22 54/7 58/3 60/6 60/15 65/1 81/6 100/23 109/8 130/15 133/20 136/13	150/16 171/5 looks [9] 6/5 26/23 78/20 103/2 103/3 116/3 125/11 133/25 157/22 Los [1] 123/6 losing [1] 93/14 loss [1] 132/2 lost [4] 21/15 27/13 104/18 166/15 lot [41] 7/20 19/11 27/9 29/9 32/9 43/25 44/3 47/1 47/4 47/13 47/23 48/4 52/24 61/24 62/9 63/7 69/10 77/7 79/15 82/23 83/1 83/4 86/14 86/24 91/25 92/4 93/21 99/14 100/3 105/17 106/2 117/24 118/2 131/9 136/18 142/10 143/3 150/5 155/5 163/21 171/9 love [7] 12/20 19/2 71/3 71/16 93/1 106/10 157/1 lowest [1] 45/13 luck [1] 83/9 Luckily [2] 87/24 151/5 lunch [4] 6/6 6/7 6/8 107/1 lung [1] 84/8 lutecium [1] 117/19 luxury [1] 83/16
			M	
			M.D [2] 2/2 2/3 M.P [1] 2/2 machine [30] 5/12 17/17 18/1 22/12 73/18 77/1 78/20 78/21 78/22 79/2	

<p>M</p> <p>machine... [20] 102/18 103/20 103/22 103/24 104/1 105/6 105/12 112/19 128/13 128/15 133/5 133/20 133/25 134/2 135/12 135/25 136/11 136/23 136/23 137/6</p> <p>machines [9] 57/23 60/14 78/24 108/13 109/8 110/23 135/6 135/8 137/1</p> <p>made [8] 19/16 40/5 66/13 81/15 114/5 120/11 120/11 120/13</p> <p>mail [3] 23/22 24/2 24/13</p> <p>mailed [3] 21/18 127/24 139/12</p> <p>mailing [2] 127/22 127/23</p> <p>mails [1] 172/20</p> <p>main [2] 62/7 141/18</p> <p>maintain [2] 19/7 138/1</p> <p>maintained [1] 116/5</p> <p>major [3] 16/22 35/21 45/5</p> <p>majority [3] 71/8 87/21 145/14</p> <p>make [39] 9/16 18/24 19/14 20/10 21/2 29/20 30/7 31/7 40/22 41/11 61/8 62/18 63/6 66/19 72/8 76/1 78/12 79/1 83/10 84/14 84/20 85/7 100/21 106/7 118/9 122/2 125/21 127/20</p>	<p>129/18 130/3 130/5 132/8 137/23 145/22 148/16 148/21 151/10 157/8 166/13</p> <p>makes [7] 24/3 34/2 36/23 59/20 63/8 108/16 116/3</p> <p>making [10] 19/20 20/15 37/25 48/7 56/14 63/13 64/6 65/25 67/20 166/8</p> <p>mammo [1] 136/16</p> <p>mammography [3] 33/22 129/11 129/15</p> <p>man [1] 127/12</p> <p>management [1] 151/6</p> <p>manager [1] 114/14</p> <p>mandatory [1] 68/21</p> <p>manifest [1] 101/22</p> <p>manner [1] 67/20</p> <p>Manning [5] 2/11 4/16 4/16 10/25 129/1</p> <p>manufactured [1] 73/12</p> <p>manufacturer [7] 63/17 64/2 99/11 100/14 100/15 120/14 135/12</p> <p>manufacturer's [3] 63/16 74/13 83/8</p> <p>manufacturers [3] 73/6 74/8 105/8</p> <p>many [16] 10/3 10/5 26/2 27/21 28/23 32/4 35/15 47/20 86/10 86/23 107/16</p>	<p>137/17 141/8 142/2 142/8 157/12</p> <p>March [2] 123/25 124/5</p> <p>Marion [1] 29/11</p> <p>mark [4] 2/2 2/4 5/8 129/23</p> <p>markers [1] 131/10</p> <p>market [1] 60/18</p> <p>marketed [1] 111/8</p> <p>married [1] 37/23</p> <p>match [1] 151/14</p> <p>matches [2] 102/10 160/12</p> <p>material [3] 112/11 113/17 114/16</p> <p>materials [1] 42/24</p> <p>matter [4] 19/20 101/21 105/22 154/14</p> <p>matters [1] 4/15</p> <p>Matthew [1] 37/15</p> <p>maximum [2] 41/21 153/4</p> <p>may [25] 12/7 18/3 25/22 26/11 26/11 27/24 47/21 55/12 70/7 85/4 123/25 124/2 124/6 125/1 125/7 125/22 142/4 142/4 142/5 144/17 144/20 144/21 163/22 169/12 170/18</p> <p>maybe [28] 6/8 6/23 6/25 21/11 25/13 50/23 64/22 68/23 70/9 84/4 91/7 91/16 95/10 95/10 95/11 96/16</p>	<p>96/17 96/17 96/18 103/19 110/10 143/2 144/23 148/14 150/25 154/12 162/13 165/10</p> <p>Mayo [2] 30/23 32/6</p> <p>McFadden [2] 2/3 5/20</p> <p>me [38] 15/4 15/5 15/6 15/16 15/17 15/24 16/4 16/6 19/12 23/21 27/18 37/2 37/9 40/5 40/12 46/18 61/1 61/8 78/20 102/10 103/3 107/22 110/16 122/25 123/20 124/3 124/16 125/17 126/13 128/8 129/11 138/5 140/20 161/13 165/25 167/12 169/4 169/5</p> <p>me just [1] 16/4</p> <p>mean [42] 15/7 20/5 25/13 28/19 33/15 33/24 34/12 36/17 39/11 40/6 45/12 47/21 48/16 48/17 48/18 49/6 50/5 52/22 54/8 55/13 84/8 85/2 87/2 89/9 94/13 96/9 99/20 101/23 113/1 143/25 145/10 152/16 153/17 154/19 162/15 163/14 163/22 164/2 164/18 165/15 165/24 166/9</p> <p>means [5] 7/5 116/8 119/6 121/20 163/18</p> <p>meant [1] 121/24</p>	<p>meantime [1] 41/5</p> <p>measure [1] 137/22</p> <p>measurement [1] 51/4</p> <p>measurements [9] 43/3 43/15 43/17 47/2 47/11 48/7 53/3 54/19 132/5</p> <p>measures [3] 73/9 73/24 74/5</p> <p>measuring [1] 144/11</p> <p>mechanisms [1] 64/23</p> <p>med [2] 22/11 22/16</p> <p>medical [44] 4/19 5/8 13/1 30/17 31/1 32/21 33/6 34/11 36/23 41/17 59/24 64/25 65/17 68/8 68/11 68/16 73/15 75/11 75/17 77/22 77/23 78/10 84/2 99/13 100/8 101/7 102/21 114/9 119/4 119/8 129/11 131/7 132/10 132/12 132/21 134/1 134/12 137/15 162/4 162/20 162/21 170/3 170/9 172/3</p> <p>medically [1] 165/16</p> <p>medicine [4] 5/24 17/14 17/24 31/12</p> <p>meet [5] 29/13 134/16 134/18 134/19 167/23</p> <p>meeting [24] 4/2 9/18 12/6 12/17 15/15 37/11 41/18 58/7</p>
---	---	--	--	--

M	methodologies [1] 164/4	minds [1] 54/9	78/20 79/4 104/1	17/6 28/1 29/22
meeting... [16] 123/18 124/8 124/14 126/15 127/14 130/10 130/14 131/8 145/14 166/14 166/23 167/16 169/18 170/6 172/18 172/21	methodology [1] 115/5	mine [3] 128/12 139/24 167/12	114/2 118/10 133/8 134/23	38/15 41/17 42/23 48/21 53/21 58/4 60/6 64/10 72/22
meetings [4] 12/4 29/3 159/25 170/7	methods [5] 141/8 141/12 142/22 143/20 144/11	Mine's [2] 124/21 124/22	mobiles [1] 53/10	82/12 86/24 90/15 90/15 95/9 95/10 100/7 100/12 103/19 107/11 114/18
mega [1] 71/12	MeV [4] 80/14 80/14 80/15 80/17	minimal [1] 92/22	modalities [2] 20/15 94/12	114/20 116/20 117/7 119/10 123/8 123/20 133/10 133/23 134/4 134/13 136/18 138/1 138/13 138/17
Meghan [2] 37/21 37/23	Meyer [3] 1/21 173/5 173/19	minimum [1] 45/13	modality [1] 164/7	140/12 142/5 142/13 159/4 159/11 159/11 161/8 166/19 170/13 170/20 170/20 171/13 171/13 172/12
Melanie [1] 16/14	Miami [4] 5/17 6/9 9/5 116/7	mining [1] 113/21	modern [1] 170/13	morning [4] 3/2 4/22 5/6 126/25
melanoma [3] 67/13 81/3 89/23	micro [1] 78/8	minor [1] 114/17	modifying [1] 141/19	Mosaic [1] 113/20
member [4] 46/1 50/6 86/12 162/16	microR [3] 114/10 114/11 114/12	minus [3] 146/21 146/23 147/5	Mohs [8] 58/24 68/16 87/9 92/1 96/2 96/3 96/4 96/20	most [27] 17/2 39/14 43/7 50/20 74/5 74/16 75/4 75/10 83/15 89/6 89/8 89/8 89/17 89/20 92/3 94/23 95/21 103/16 114/17 116/20 117/1 130/19 131/24 132/23 143/11 145/10 150/12
members [6] 2/1 7/22 13/21 14/17 28/23 29/2	microseconds [1] 14/9	minute [3] 13/25 41/1 118/24	moist [1] 91/6	Monday [1] 127/18
members' [1] 14/18	mid [2] 55/10 141/24	minutes [15] 6/18 6/19 6/23 6/25 7/3 7/4 7/13 7/18 7/25 9/24 44/21 44/21 87/13 97/14 109/22	mole [2] 85/19 101/16	money [3] 95/25 128/20 130/5
Memorial [1] 150/15	middle [5] 44/3 90/13 90/21 121/19 170/12	mirror [1] 122/11	moles [1] 102/17	monitoring [4] 76/17 76/19 118/1 118/16
mention [1] 100/24	middle-of-the-ro ad [2] 90/13 90/21	misadministratio n [3] 66/12 75/21 103/13	months [12] 12/5 39/13 40/13 56/7 70/7 115/10 129/21 129/21 130/1 130/2 167/20 170/7	month [2] 94/16 129/23
mentioned [13] 7/22 22/21 37/13 58/7 63/20 68/9 70/21 74/13 74/19 75/11 92/24 96/6 101/5	might [12] 11/25 30/2 64/11 78/24 84/3 84/3 88/17 93/4 106/12 114/21 115/14 166/7	misadministratio ns [3] 66/10 66/17 103/15	monthly [2] 74/25 99/18	months' [3] 41/22 103/18 104/12
mentions [1] 58/20	midst [1] 21/13	miscommunicati on [1] 56/1	months [12] 12/5 39/13 40/13 56/7 70/7 115/10 129/21 129/21 130/1 130/2 167/20 170/7	month [2] 94/16 129/23
message [1] 103/5	might [12] 11/25 30/2 64/11 78/24 84/3 84/3 88/17 93/4 106/12 114/21 115/14 166/7	miss [4] 12/18 29/19 129/1 147/8	months [12] 12/5 39/13 40/13 56/7 70/7 115/10 129/21 129/21 130/1 130/2 167/20 170/7	month [2] 94/16 129/23
messed [1] 133/17	mile [2] 83/18 102/13	missed [3] 29/18 50/24 127/1	mission [2] 67/10 67/15	monthly [2] 74/25 99/18
messaging [1] 21/11	mile-high [1] 83/18	missions [1] 67/18	mistakes [1] 157/8	months [12] 12/5 39/13 40/13 56/7 70/7 115/10 129/21 129/21 130/1 130/2 167/20 170/7
meter [6] 52/19 153/23 153/24 154/1 154/9 154/25	millennial [1] 119/23	misadministratio ns [3] 66/10 66/17 103/15	miss [4] 12/18 29/19 129/1 147/8	month [2] 94/16 129/23
method [3] 87/3 98/11 115/24	milligram [3] 114/19 114/20 114/24	missions [1] 67/18	missed [3] 29/18 50/24 127/1	monthly [2] 74/25 99/18
	million [2] 62/23 71/6	mistakes [1] 157/8	mission [2] 67/10 67/15	months [12] 12/5 39/13 40/13 56/7 70/7 115/10 129/21 129/21 130/1 130/2 167/20 170/7
	milliseconds [1] 111/7	mix [1] 96/11	missions [1] 67/18	months [12] 12/5 39/13 40/13 56/7 70/7 115/10 129/21 129/21 130/1 130/2 167/20 170/7
	mind [5] 17/7 93/12 151/24 152/1 169/3	mixed [1] 53/1	mistakes [1] 157/8	months [12] 12/5 39/13 40/13 56/7 70/7 115/10 129/21 129/21 130/1 130/2 167/20 170/7
		Mm [1] 26/12	mobile [8] 53/5	months [12] 12/5 39/13 40/13 56/7 70/7 115/10 129/21 129/21 130/1 130/2 167/20 170/7
		Mm-hmm [1] 26/12		months [12] 12/5 39/13 40/13 56/7 70/7 115/10 129/21 129/21 130/1 130/2 167/20 170/7
				more [55] 10/5 11/25 13/5 17/5

M	7/21 9/21 15/13 15/20 15/21 15/21 16/13 16/15 19/1 19/14 19/15 19/15 20/17 21/14 21/15 21/17 21/19 24/19 33/16 33/17 44/9 46/4 50/13 51/16 51/20 52/9 52/15 55/20 58/10 58/13 60/22 61/21 64/12 69/23 102/7 110/12 111/22 121/17 123/9 123/21 124/17 126/17 139/1 141/18 146/16 148/12 150/1 153/24 161/14 169/3 170/11 173/8	natural [2] 165/20 165/21 naturally [1] 114/15 nature [1] 19/2 nay [1] 167/8 nays [4] 156/2 161/3 172/6 172/8 NCCN [2] 89/21 97/23 NCRP [3] 114/14 114/20 144/14 near [1] 111/6 nearest [2] 43/16 44/17 necessarily [1] 59/5 necessary [2] 84/14 165/16 necrosis [1] 70/8 need [35] 15/23 20/23 28/15 34/17 41/7 43/12 55/25 71/6 72/16 81/13 81/25 84/4 84/25 90/19 94/25 116/4 137/10 138/12 138/16 138/24 143/22 143/23 146/3 146/6 151/12 151/18 152/4 153/9 164/20 164/21 166/10 167/8 169/13 172/1 172/2 needed [3] 67/12 74/18 85/22 needs [6] 54/4 64/19 65/2 72/24 85/6 162/23 negative [1] 147/17 neighborhood [1] 168/5 nerve [2] 112/21 112/23 neutron [3]	118/12 119/11 121/6 never [11] 11/11 46/9 66/20 86/10 104/14 104/21 141/5 151/22 158/15 158/16 160/3 new [34] 4/9 10/2 11/13 16/13 17/16 19/2 19/3 36/6 37/10 38/11 39/18 41/9 41/10 41/13 43/2 43/4 43/6 46/24 49/7 62/23 71/4 77/6 94/19 108/16 110/11 138/8 158/7 158/23 164/4 164/7 168/13 168/14 169/8 169/11 newer [2] 10/18 11/15 newest [1] 11/19 news [2] 26/9 26/9 next [22] 12/5 12/11 14/3 52/14 52/16 55/12 77/8 96/23 115/9 115/18 122/21 123/8 123/18 126/15 127/13 127/17 156/5 158/11 159/5 161/6 170/8 172/21 nice [10] 4/9 9/3 9/22 11/13 14/21 70/17 106/2 115/13 119/21 122/18 Nicholas [2] 2/3 5/23 Nikon [1] 135/13 nitrogen [1] 96/14 no [100] 6/16 8/3 20/19 20/19 20/19 23/18	23/18 23/18 26/9 27/7 27/8 27/12 28/5 28/8 29/1 29/20 32/14 32/19 33/5 34/20 35/17 40/1 45/20 46/18 47/3 47/9 47/10 50/4 50/17 50/17 50/24 51/7 55/19 55/21 56/5 57/1 57/9 59/19 59/20 62/22 69/18 76/13 76/22 78/12 82/18 82/19 82/19 83/9 84/25 85/20 85/21 85/25 85/25 87/2 99/1 100/6 104/14 109/4 111/3 111/20 117/17 118/11 120/13 120/15 121/9 121/10 123/4 123/4 123/4 123/9 123/22 128/8 132/9 133/9 139/24 144/10 146/19 148/4 148/4 153/11 154/1 154/2 154/13 156/3 156/18 160/3 160/21 161/4 161/5 161/18 165/11 166/19 167/24 168/25 170/24 170/24 170/24 171/2 172/7 172/8 nobody [4] 32/21 58/8 112/5 119/25 non [9] 33/10 36/11 67/13 72/19 72/24 81/3 89/23 132/10 134/13 non-FDA [1] 134/13 non-ionizing [2]
move... [3] 156/4 166/13 167/6 moved [1] 37/16 moving [4] 21/13 77/6 110/4 155/12 MqA [4] 13/10 13/11 22/10 170/1 MQSA [3] 129/12 129/20 129/21 MR [6] 4/22 30/22 35/9 35/18 36/11 36/16 MRI [9] 31/10 31/18 31/20 32/1 32/5 32/22 33/10 33/19 33/23 MRI-only [1] 32/5 MS [1] 2/4 much [28] 9/14 16/3 23/10 40/19 41/13 50/12 57/1 65/7 67/19 82/25 84/6 90/15 90/15 90/25 98/1 100/5 105/24 106/19 116/19 116/19 121/11 121/15 122/14 122/15 128/25 142/9 143/12 153/18 multi [3] 53/1 97/18 150/5 multi-badging [1] 150/5 multi-institutional [1] 97/18 multi-mixed [1] 53/1 multiple [9] 25/12 39/3 46/14 73/24 83/20 86/22 103/8 149/22 152/14 must [4] 75/2 109/19 154/19 157/11 my [54] 6/21 7/5	7/21 9/21 15/13 15/20 15/21 15/21 16/13 16/15 19/1 19/14 19/15 19/15 20/17 21/14 21/15 21/17 21/19 24/19 33/16 33/17 44/9 46/4 50/13 51/16 51/20 52/9 52/15 55/20 58/10 58/13 60/22 61/21 64/12 69/23 102/7 110/12 111/22 121/17 123/9 123/21 124/17 126/17 139/1 141/18 146/16 148/12 150/1 153/24 161/14 169/3 170/11 173/8 myself [2] 16/2 80/3	N naked [2] 26/12 93/6 name [8] 16/14 37/15 37/15 37/23 60/15 61/21 158/23 159/3 named [1] 100/18 names [2] 14/18 27/25 narrowly [1] 166/2 national [10] 28/20 35/12 35/24 36/5 101/3 148/8 160/11 160/12 167/23 168/15 nationally [1] 28/15 nationwide [4] 61/5 62/21 63/10 64/9		

N	90/1 93/5 93/17 94/15 94/18 94/23 95/6 95/23 96/12 96/21 97/1 97/11 97/12 97/23 99/21 101/12 101/21 103/24 105/3 105/23 109/8 112/19 112/22 113/24 117/17 119/8 122/7 122/8 122/11 123/2 127/7 127/16 128/16 130/3 130/5 133/14 133/16 134/5 134/9 135/25 136/5 137/9 137/20 138/19 138/19 140/5 140/13 141/14 142/4 143/8 145/17 145/19 145/19 146/9 148/5 148/14 148/17 148/20 149/1 149/3 150/13 150/16 150/20 151/4 152/18 152/22 153/11 153/13 153/17 154/8 157/10 157/19 158/2 159/9 162/20 164/1 164/12 165/13 166/4 166/11 167/18 168/13 169/1 171/2 171/12 171/16 173/10	notice [3] 140/25 161/17 172/3 noticed [3] 6/23 50/2 76/9 notices [2] 129/7 129/8 notified [2] 34/25 34/25 notify [1] 154/20 November [1] 17/12 now [47] 6/14 6/17 7/17 8/20 10/13 12/15 13/20 16/25 17/3 17/21 18/8 23/17 26/12 37/23 41/14 52/4 55/25 57/12 60/1 63/9 71/5 71/22 77/6 83/2 83/4 86/15 89/20 89/23 90/22 93/23 107/17 108/18 122/20 129/10 133/21 133/21 134/14 137/6 138/14 139/7 140/17 144/4 160/7 160/16 167/8 167/19 172/12 nowadays [2] 32/10 143/12 NRC [4] 11/9 144/8 164/1 164/1 nuclear [11] 5/24 17/14 17/23 22/11 22/16 31/12 34/13 51/7 54/25 119/12 149/18 nuke [1] 117/25 number [19] 11/5 21/20 22/13 22/17 22/25 22/25 23/5 30/10 92/22 107/22 119/15 130/22 140/23 140/24	140/25 141/2 163/3 168/7 169/23 numbers [11] 16/7 18/2 18/9 18/13 20/14 22/1 25/19 25/19 105/6 168/14 170/5 numerous [1] 102/4 nursing [3] 16/11 17/9 90/23 nuts [2] 63/7 110/16	15/4 23/13 23/14 64/21 85/4 96/7 113/14 114/5 117/3 118/22 122/13 147/13 170/18 off-road [1] 114/5 Off-the-Record [1] 122/13 offer [1] 143/6 offering [1] 11/9 office [12] 17/1 20/12 22/20 37/16 37/17 48/14 77/20 92/16 117/6 127/18 132/7 132/20 officer [8] 2/14 4/13 61/17 68/16 99/13 116/1 116/2 116/5 officers [3] 37/19 68/4 116/13 offices [5] 63/24 77/13 79/12 79/16 138/20 official [1] 12/17 oh [22] 20/7 26/15 42/16 47/8 48/11 48/15 70/13 107/23 110/12 117/20 127/8 139/24 145/5 149/3 149/3 151/21 151/24 155/16 158/12 169/12 170/25 171/24 okay [86] 6/3 6/7 6/11 6/12 6/14 6/17 7/7 7/10 7/24 8/4 8/5 8/6 8/23 9/2 9/8 12/10 19/22 20/7 20/22 21/10 21/18 22/6 24/14 26/23 28/8 30/14 30/20 31/7 35/2 35/7 37/4 37/6
non-ionizing... [2] 33/10 36/11 non-medical [1] 132/10 non-melanoma [3] 67/13 81/3 89/23 non-surgical [2] 72/19 72/24 nonionizing [1] 33/4 nonnuclear [1] 50/14 normal [5] 85/9 114/11 114/21 132/21 134/1 normally [2] 26/1 118/21 North [1] 158/23 nose [5] 70/6 70/6 70/11 70/13 119/24 not [165] 7/1 7/5 9/7 9/23 13/13 13/15 14/6 15/20 18/3 18/8 18/11 20/16 23/19 24/9 25/15 26/25 28/16 28/20 30/22 30/25 31/5 31/17 31/19 32/4 33/7 33/12 34/20 34/21 34/25 37/10 38/6 38/22 39/3 39/17 40/19 42/18 43/5 43/18 44/9 44/11 45/1 48/5 48/22 49/13 50/3 50/4 50/7 51/17 51/19 52/11 52/25 53/3 53/4 57/1 59/5 60/1 63/17 64/6 64/20 66/8 68/9 69/2 70/16 72/21 74/2 75/22 76/20 76/21 79/7 79/18 80/9 82/18 82/25 83/12 83/15 83/18 84/7 85/18	Notary [1] 1/22 note [4] 9/25 16/1 31/8 98/14 notes [5] 58/3 58/8 100/24 148/13 173/9 nothing [8] 15/6 46/23 51/9 58/20 59/13 143/10 146/1 172/14	O o'clock [2] 107/3 107/5 objected [1] 164/24 objectives [1] 145/2 obliquely [1] 85/4 obliquity [1] 84/5 observation [1] 25/24 obvious [1] 70/16 obviously [17] 32/25 34/12 40/16 43/4 64/1 66/4 68/3 72/15 77/2 89/24 95/12 99/20 105/22 116/8 126/21 159/14 170/19 Ocala [1] 28/23 occasionally [2] 170/3 170/4 Occupied [1] 167/11 occur [2] 75/20 127/15 occurring [1] 114/15 occurs [1] 91/5 October [1] 118/18 off [14] 10/17		

<p>O</p> <p>okay... [54] 39/10 44/15 46/10 46/18 48/15 52/21 52/21 54/4 57/3 57/6 57/12 64/16 77/4 77/10 82/2 92/15 96/13 96/15 105/12 106/18 107/5 107/9 110/16 110/25 111/23 120/16 123/7 124/4 124/11 125/20 125/22 126/5 126/15 126/23 128/7 128/12 128/13 149/9 151/7 155/8 156/9 156/17 158/21 159/4 160/15 161/15 164/25 167/5 167/12 167/15 167/24 169/2 169/3 169/6</p> <p>old [8] 24/1 82/22 86/8 108/1 108/12 113/4 113/8 113/9</p> <p>old-school [2] 82/22 86/8</p> <p>older [3] 43/7 82/21 170/13</p> <p>onboard [1] 73/14</p> <p>once [9] 21/8 24/17 51/12 53/6 85/24 100/18 126/9 155/13 166/22</p> <p>oncologist [7] 2/14 4/9 34/7 61/9 64/25 69/8 83/22</p> <p>oncologists [4] 59/24 68/14 69/12 92/20</p> <p>oncology [20] 2/13 4/13 34/9</p>	58/23 59/22 61/10 61/17 61/23 62/8 62/13 66/24 69/19 73/5 79/13 83/14 90/13 91/14 95/23 101/9 102/5 <p>one [164] 8/25 10/18 14/8 15/22 16/14 17/2 18/15 19/4 19/8 20/2 21/11 22/17 24/9 24/12 24/19 24/20 25/2 25/6 25/9 25/11 27/6 29/17 31/24 32/2 32/3 32/7 32/19 35/20 36/22 37/19 39/17 39/18 41/17 41/18 42/1 42/2 42/3 42/23 43/8 52/15 52/23 54/24 57/9 60/14 62/7 70/5 72/23 77/14 79/1 81/8 82/12 82/14 86/4 86/6 86/10 87/3 89/3 89/15 90/2 91/3 91/4 91/7 94/20 96/23 100/24 101/4 101/8 101/9 101/18 101/21 101/25 102/1 102/3 103/1 103/1 103/17 103/18 104/20 106/15 107/21 107/24 108/1 109/5 109/6 111/15 113/18 113/20 116/12 116/13 117/21 118/10 118/19 118/20 119/4 119/7 119/19 119/21 121/3 121/8 121/8 121/9 121/10 121/11 121/19</p>	121/21 123/5 126/22 127/21 127/21 128/23 129/23 130/23 130/25 131/8 131/12 131/14 132/16 132/16 132/23 132/24 133/3 133/21 134/22 135/20 140/8 140/18 140/21 140/22 141/22 141/23 141/23 142/6 143/25 145/1 145/3 146/18 146/18 146/19 146/20 147/19 152/5 152/6 152/7 152/20 152/21 152/21 152/25 153/1 153/18 156/7 156/9 156/10 159/11 159/11 161/8 161/10 161/16 161/19 161/20 163/1 164/4 166/6 170/8 170/10 <p>ones [11] 7/15 8/25 9/1 39/21 42/7 69/13 111/8 111/10 113/9 113/10 167/22</p> <p>ongoing [5] 65/8 68/10 72/2 74/17 99/17</p> <p>online [6] 23/23 23/24 23/25 24/6 24/9 29/21</p> <p>only [51] 21/8 21/11 21/23 24/12 25/2 25/9 25/11 31/10 31/20 31/24 32/2 32/3 32/5 33/10 33/15 34/6 34/7 35/25 39/21 49/7 49/22 49/24 65/13 66/16 86/6 91/3 93/4 93/22</p>	94/22 105/2 112/1 112/4 112/10 116/17 118/4 130/3 135/6 136/24 142/11 142/23 143/5 143/7 148/12 150/1 154/9 155/2 155/3 157/18 157/18 164/23 165/24 <p>op [1] 87/4</p> <p>open [6] 16/8 18/20 37/14 89/7 156/7 169/21</p> <p>opened [2] 46/15 170/2</p> <p>opens [2] 46/12 48/20</p> <p>operate [4] 106/14 119/18 135/4 135/7</p> <p>operated [1] 28/22</p> <p>operating [9] 2/14 61/17 64/23 66/3 103/20 111/1 135/25 136/22 137/5</p> <p>operation [1] 61/23</p> <p>operational [1] 29/1</p> <p>operations [6] 2/15 4/13 68/12 72/2 107/16 137/25</p> <p>operator [3] 111/4 134/18 134/19</p> <p>operators [5] 17/17 18/1 22/12 112/1 137/8</p> <p>opinion [2] 33/16 33/17</p> <p>opportunities [3] 29/6 29/22 31/22</p> <p>opportunity [2] 93/5 102/20</p> <p>opposed [1] 8/2</p>	option [6] 71/4 72/23 89/7 89/16 90/1 98/13 <p>options [3] 96/13 97/1 97/8</p> <p>or are [1] 81/6</p> <p>ORANGE [1] 173/3</p> <p>order [3] 82/16 114/23 134/11</p> <p>ordering [2] 38/15 62/4</p> <p>organizations [1] 160/13</p> <p>orientation [1] 113/9</p> <p>original [4] 38/20 38/21 40/6 102/10</p> <p>originally [2] 136/13 141/2</p> <p>Orlando [3] 37/16 116/1 150/18</p> <p>Orthovolt [2] 107/24 108/13</p> <p>Orthovolts [1] 108/2</p> <p>OSL [1] 76/11</p> <p>other [69] 4/3 11/3 12/4 12/8 19/19 20/3 27/6 27/18 27/22 27/22 28/11 32/16 32/20 33/22 39/25 40/2 41/15 44/17 48/9 51/2 52/14 55/13 58/22 59/16 60/3 69/13 70/6 73/5 80/9 80/9 84/11 89/15 90/2 90/22 94/11 97/4 101/4 101/4 102/21 103/11 103/17 103/18 104/22 108/12 119/23 121/15 127/5 127/7 131/12 132/10 133/3 134/1 134/22 135/17 135/18</p>
---	--	---	--	--

<p>O</p> <p>other... [14] 137/18 138/11 143/2 148/12 152/4 152/10 160/20 160/21 162/19 165/9 166/5 166/7 169/14 170/2</p> <p>others [1] 12/1</p> <p>otherwise [2] 39/23 95/8</p> <p>ought [2] 89/25 96/10</p> <p>our [108] 4/1 4/24 6/10 11/10 11/15 11/18 11/20 12/2 12/6 12/6 13/9 13/15 17/1 18/24 21/15 24/3 28/23 29/10 29/16 29/19 34/1 35/21 36/2 36/11 37/17 37/21 43/14 43/22 47/24 54/4 55/1 55/3 57/13 59/15 59/16 60/13 60/15 61/2 61/10 61/16 61/24 61/25 62/20 63/4 63/10 64/8 65/12 66/3 67/10 67/18 67/21 68/10 68/15 68/20 68/21 69/5 70/21 73/9 73/15 74/24 74/25 75/3 75/22 75/24 76/5 77/22 77/23 78/23 79/21 79/24 80/13 82/1 99/8 99/9 99/9 99/13 102/1 103/1 106/14 114/1 114/22 116/1 118/3 118/9 118/20 118/22 123/18 125/3 126/15 128/23 129/7 129/13 129/25 130/2</p>	<p>130/12 132/8 132/15 133/24 135/3 135/9 135/9 135/10 135/22 145/20 150/14 167/9 168/1 170/13</p> <p>ours [1] 150/14</p> <p>ourselves [3] 66/6 103/12 106/13</p> <p>out [81] 10/16 10/18 13/16 13/22 17/3 21/18 23/11 27/24 28/22 30/2 30/8 30/9 36/11 38/11 40/17 40/18 41/23 41/24 42/6 44/4 44/23 49/8 51/14 53/16 58/3 59/1 59/4 59/11 62/10 63/21 64/22 65/9 68/16 70/15 73/6 79/3 79/25 80/19 82/22 83/2 86/19 86/25 87/15 88/7 91/8 93/23 95/17 95/22 96/16 96/20 100/1 100/10 101/17 104/10 105/7 105/18 106/17 107/25 112/18 113/5 116/2 116/24 126/12 127/16 129/7 129/8 130/5 130/9 131/16 134/8 135/2 136/14 140/7 140/15 146/10 147/17 164/3 166/16 167/4 167/9 168/3</p> <p>outcome [5] 69/1 88/20 90/8 93/16 173/14</p> <p>outcomes [5] 67/13 68/17 83/3 92/23 105/22</p>	<p>output [3] 77/1 77/24 105/5</p> <p>outs [1] 78/3</p> <p>outside [4] 32/25 74/1 86/6 161/21</p> <p>over [33] 8/15 11/8 13/11 14/1 14/8 33/20 34/3 34/7 37/8 37/18 50/14 52/19 62/23 63/13 63/16 64/3 66/15 66/25 70/22 80/14 84/25 87/16 99/14 100/14 100/16 109/22 118/7 134/3 148/10 152/3 167/1 167/18 167/24</p> <p>overall [2] 86/20 96/1</p> <p>overlap [2] 16/19 65/20</p> <p>overlapping [1] 70/5</p> <p>oversee [1] 61/22</p> <p>oversees [1] 64/8</p> <p>oversight [2] 55/10 65/1</p> <p>overutilization [1] 95/13</p> <p>overutilized [1] 96/3</p> <p>overutilizing [1] 95/11</p> <p>overview [1] 66/22</p> <p>overwhelmingly [2] 98/8 98/9</p> <p>own [13] 11/10 33/19 34/13 52/25 58/10 109/12 133/20 134/2 142/5 148/5 149/2 149/20 150/3</p> <p>owners [1] 52/18</p>	<p>ownership [2] 41/5 41/6</p> <p>owning [1] 133/25</p> <p>owns [1] 126/21</p> <p>P</p> <p>p.m [3] 1/19 107/8 172/25</p> <p>package [1] 123/16</p> <p>PAGE [2] 3/3 3/13</p> <p>pages [1] 123/15</p> <p>pain [1] 151/6</p> <p>painful [1] 86/13</p> <p>palliated [1] 90/24</p> <p>pan [1] 158/20</p> <p>pancreatic [1] 131/9</p> <p>pandemic [3] 28/25 29/13 129/18</p> <p>paper [4] 21/5 93/6 98/6 141/13</p> <p>paperwork [2] 49/3 104/13</p> <p>paragraph [13] 38/12 134/9 144/19 145/12 145/12 157/20 157/24 158/1 158/3 158/6 158/7 158/9 159/5</p> <p>paramedics [3] 16/11 17/9 30/10</p> <p>park [7] 1/13 113/19 113/19 114/3 114/18 115/6 137/19</p> <p>parks [1] 113/18</p> <p>part [35] 24/19 28/21 35/22 41/3 45/7 49/20 50/20 55/3 58/9 64/13 64/18 65/18 68/3 69/23 79/24 95/15 95/21 99/22 99/24 100/9 105/19</p>	<p>117/1 127/17 129/17 130/2 132/1 132/14 133/25 145/20 157/19 158/1 158/4 162/20 167/20 171/14</p> <p>particular [10] 72/16 73/4 73/13 78/3 88/22 89/19 98/23 111/4 115/6 166/6</p> <p>particularly [2] 113/22 145/8</p> <p>parties [2] 173/11 173/12</p> <p>partner [1] 96/7</p> <p>partners [11] 61/3 61/5 61/10 62/20 65/12 68/20 70/22 78/23 95/23 102/2 106/5</p> <p>passed [3] 8/4 51/18 97/8</p> <p>past [3] 117/25 124/15 169/10</p> <p>pastries [1] 8/15</p> <p>pathology [1] 86/1</p> <p>pathway [4] 31/9 31/13 31/16 32/22</p> <p>pathways [2] 30/21 31/22</p> <p>patient [33] 36/23 42/4 44/8 44/11 44/14 46/5 51/13 62/15 64/5 64/5 64/6 64/6 64/15 64/22 68/13 71/1 86/21 88/25 89/25 92/10 92/13 92/15 96/9 96/25 97/3 98/23 99/3 102/3 103/8 105/22 143/2 143/3 162/6</p> <p>patient's [2] 65/23 96/11</p> <p>patients [42]</p>
--	--	---	---	---

P				
patients... [42]	135/5 139/4	25/14 66/3 73/10	physician's [1]	132/16 166/3
43/15 48/4 51/24	142/24 145/8	84/18	132/19	places [1] 155/5
52/3 52/8 62/21	146/8 150/12	pertaining [1]	physicians [7]	plan [2] 54/6
63/25 66/15	152/11 169/12	41/15	29/4 82/19 83/20	66/14
67/11 67/19	peoples' [1]	PET [6] 43/1	99/16 105/4	planning [1]
69/14 70/22 71/3	149/5	47/12 49/22	170/4 171/9	127/2
71/9 72/22 76/5	per [12] 25/11	49/25 50/7 55/25	physicist [9] 5/9	plans [4] 60/18
85/25 87/14	87/11 87/16	PETS [1] 53/5	6/2 32/8 33/6	80/16 80/17 82/3
87/21 89/17 90/4	88/25 93/20	ph [2] 37/15	33/10 33/21	plant [1] 11/3
90/10 91/5 91/12	94/10 94/10 98/3	159/16	46/25 75/17	plants [1]
91/20 91/21 92/3	114/10 114/11	pharmaceutical	77/23	149/18
92/22 92/25	114/12 169/11	[1] 34/8	physicists [27]	plastic [2] 88/19
93/21 96/1 97/20	perceive [1]	pharmacies [4]	30/17 30/21	96/18
97/21 98/13	71/22	38/10 38/10	30/22 31/1 31/9	Plaxton [2] 2/3
98/15 100/4	percent [15]	38/19 49/14	31/15 32/4 32/21	5/24
101/20 101/23	70/14 70/23 71/3	pharmacy [3]	33/23 34/11	play [1] 11/19
103/19 106/18	91/20 94/22 98/5	38/12 40/2 41/14	58/19 59/24	player [1] 93/12
142/25 165/24	98/5 103/20	phone [20]	64/25 65/17 68/9	playing [2]
pause [1] 96/10	105/9 105/10	19/14 19/20	79/12 79/13 82/3	88/15 89/5
pay [1] 100/14	105/13 116/17	20/11 20/16 21/2	82/6 84/2 100/8	please [4] 18/21
payers [5] 89/8	128/18 128/19	21/14 21/16	102/22 103/1	67/3 67/7 138/5
89/9 89/9 89/10	129/9	21/19 22/1 39/5	104/9 105/2	pleased [1] 8/10
89/17	percentage [1]	117/3 119/22	170/3 170/10	plenty [1] 157/8
paying [2] 40/25	18/5	119/24 120/18	physics [12]	plus [1] 69/16
119/25	perform [3]	120/24 120/25	11/7 31/20 32/23	podiatry [3]
payments [1]	93/15 103/6	122/1 122/2	34/1 68/11 73/16	136/24 137/14
129/3	130/6	122/5 126/17	74/13 75/11	137/25
peak [1] 111/15	performing [3]	phones [2] 39/7	75/13 77/23	point [19] 23/3
pearly [1] 86/4	49/25 93/17	117/1	78/10 124/7	27/15 36/23
peer [2] 83/20	93/23	phosphate [3]	pick [4] 116/16	38/17 43/16 49/6
141/8	period [3] 83/24	113/21 113/23	117/7 147/18	57/24 60/12 67/2
peer-reviewed	128/22 151/18	113/25	147/19	70/15 83/6 84/7
[1] 141/8	permissible [1]	photograph [1]	picked [2] 7/1	115/9 129/9
peers [1] 30/6	153/4	103/2	101/17	137/23 146/21
pending [3]	permits [1]	photographs [3]	picking [1]	146/23 147/5
127/8 166/23	47/24	102/17 102/19	159/22	147/7
166/25	person [14] 6/25	102/24	picture [2]	poor [2] 10/11
people [41] 6/19	12/6 21/17 23/7	Photon [1]	14/23 102/10	88/19
10/2 19/9 23/15	25/12 42/13 92/2	78/18	pictures [1] 15/1	population [3]
23/20 27/5 27/19	117/6 119/6	physical [3] 7/18	piece [3] 83/14	98/23 99/3 99/10
27/22 29/5 29/16	133/24 136/18	47/11 158/10	142/6 142/7	portal [2] 21/11
36/15 44/4 47/4	137/7 165/20	Physically [1]	pieces [1] 55/2	21/22
53/2 67/17 70/18	165/22	78/7	Pines [1] 5/25	position [4]
72/15 90/22	personal [4]	physician [19]	pitfall [1] 70/4	37/14 109/20
92/25 93/1 93/18	115/21 117/13	5/24 34/5 42/11	place [20] 16/2	111/1 131/4
93/19 95/24	132/1 132/2	68/8 75/8 75/8	16/14 22/2 48/11	positions [1]
112/11 114/17	personally [2]	77/20 81/18	61/14 66/14	109/18
125/22 128/17	15/24 40/12	81/19 81/24	66/19 72/8 72/20	positive [2] 86/1
129/20 130/17	personnel [4]	81/24 82/7 88/1	72/21 73/17 76/1	86/5
132/17 133/22	76/17 76/19 77/6	99/9 101/14	80/7 98/15	possible [4]
134/24 135/1	118/20	102/9 102/15	101/15 110/5	111/4 119/12
	perspective [4]	132/13 152/24	115/8 126/18	128/5 128/6

<p>P</p> <p>possibly [2] 64/22 71/13</p> <p>post [4] 28/25 80/15 80/19 87/4</p> <p>post-op [1] 87/4</p> <p>posted [2] 7/17 59/4</p> <p>posts [1] 59/16</p> <p>potential [3] 75/17 136/12 136/13</p> <p>potentially [3] 103/19 108/20 130/17</p> <p>power [2] 11/3 149/18</p> <p>PowerPoint [2] 67/1 67/8</p> <p>practice [28] 2/15 22/2 27/5 27/10 34/1 34/9 34/10 58/2 58/11 59/13 61/3 61/5 61/10 61/22 62/20 65/6 65/12 66/7 68/20 70/22 78/23 95/23 96/7 97/2 101/12 102/1 103/14 162/12</p> <p>practices [21] 53/6 61/24 62/11 67/11 69/5 70/1 71/21 71/23 72/5 74/15 74/18 78/24 79/20 84/19 86/14 91/11 95/17 101/13 134/16 136/25 145/6</p> <p>practicing [1] 33/2</p> <p>practitioner [3] 159/6 159/7 159/8</p> <p>practitioners [2] 132/6 170/3</p> <p>PRD [1] 117/24</p> <p>pre [3] 80/16 80/16 80/17</p> <p>pre-designed [2] 80/16 80/17</p>	<p>pre-submission [1] 80/16</p> <p>preclude [1] 93/10</p> <p>prectitioners [1] 159/6</p> <p>prepped [1] 131/11</p> <p>prescribed [3] 84/15 84/23 85/1</p> <p>prescribing [2] 82/7 82/14</p> <p>prescriptions [2] 68/13 73/16</p> <p>present [5] 2/1 14/13 57/24 60/25 70/2</p> <p>presentation [3] 57/19 105/25 122/15</p> <p>presentations [1] 68/24</p> <p>presented [2] 96/12 161/11</p> <p>Presenters [1] 2/13</p> <p>pressure [1] 95/7</p> <p>pretty [11] 79/13 83/19 84/13 98/1 99/12 109/20 128/21 131/1 147/20 147/21 156/11</p> <p>preventive [1] 117/24</p> <p>previous [5] 38/18 42/7 100/24 101/6 159/25</p> <p>Previously [1] 118/3</p> <p>price [2] 121/1 123/2</p> <p>priced [1] 155/6</p> <p>pride [2] 103/11 106/13</p> <p>primarily [2] 34/22 135/25</p> <p>primary [3] 94/25 133/14 143/10</p>	<p>print [1] 127/25</p> <p>printed [1] 26/24</p> <p>prior [3] 74/9 79/21 163/17</p> <p>prisoners [1] 132/12</p> <p>probable [1] 170/7</p> <p>probably [27] 7/4 7/11 12/7 43/7 55/12 76/13 76/20 77/8 79/17 86/4 109/22 115/16 116/17 121/14 127/19 139/22 141/11 148/6 150/2 156/25 158/25 158/25 160/8 165/12 170/7 170/15 172/12</p> <p>problem [10] 25/2 28/5 28/8 33/25 43/6 52/10 56/5 70/8 109/5 162/2</p> <p>problems [5] 16/22 35/23 46/15 90/5 149/16</p> <p>procedure [3] 51/13 87/8 157/17</p> <p>procedures [3] 11/20 38/3 66/19</p> <p>proceeding [1] 168/16</p> <p>proceedings [4] 107/7 107/8 172/25 173/7</p> <p>process [7] 18/24 37/25 66/23 85/11 110/24 113/25 167/19</p> <p>processes [2] 11/20 75/25</p> <p>processing [3] 16/16 16/25 129/3</p> <p>processors [2]</p>	<p>16/15 17/7</p> <p>products [1] 56/14</p> <p>profession [7] 22/8 22/10 22/10 22/13 22/24 23/4 169/22</p> <p>professions [2] 22/24 28/14</p> <p>program [14] 11/1 13/21 63/8 67/25 68/3 72/3 72/4 73/14 75/22 79/23 80/2 130/21 149/21 150/3</p> <p>programs [7] 55/2 64/17 71/24 72/1 74/25 75/3 75/24</p> <p>progress [1] 38/1</p> <p>progressing [1] 131/20</p> <p>promise [2] 64/13 96/15</p> <p>promote [1] 67/16</p> <p>prompted [1] 55/23</p> <p>proof [2] 47/3 98/10</p> <p>proper [2] 64/1 132/8</p> <p>properly [5] 21/19 49/13 143/7 146/23 148/22</p> <p>proposals [1] 29/25</p> <p>propose [1] 137/2</p> <p>proposed [1] 162/3</p> <p>proposing [1] 130/7</p> <p>prostate [1] 84/8</p> <p>protect [2] 46/20 67/16</p> <p>protected [3] 43/4 44/12 111/2</p>	<p>protection [15] 1/5 14/17 43/20 50/25 64/17 67/25 71/24 72/1 72/3 74/24 75/22 79/23 80/2 105/21 143/6</p> <p>protocol [8] 45/7 46/6 69/2 81/23 82/1 90/11 92/7 98/11</p> <p>protocols [5] 63/9 63/11 68/5 68/18 88/23</p> <p>proud [1] 92/7</p> <p>prove [2] 43/3 43/17</p> <p>proven [1] 85/15</p> <p>provide [10] 12/2 65/3 65/11 67/24 68/18 81/11 95/15 99/16 132/22 134/11</p> <p>provided [1] 162/5</p> <p>providers [4] 131/19 168/4 168/5 168/13</p> <p>provides [4] 45/21 73/8 74/5 97/2</p> <p>providing [6] 29/6 39/6 67/11 69/2 74/8 130/6</p> <p>provisional [1] 129/16</p> <p>proxy [2] 136/22 136/23</p> <p>public [16] 1/22 26/20 43/3 43/21 44/12 44/24 46/1 46/2 46/6 46/21 50/6 50/25 51/14 80/21 114/15 162/16</p> <p>publication [1] 26/18</p> <p>publish [1] 141/17</p> <p>published [4] 59/2 70/24</p>
--	---	--	---	---

P	68/13 72/7 72/7 73/19 73/20 75/12 93/9 113/24 129/11 129/12	R200 [6] 115/20 117/12 121/2 121/4 122/8 122/10	115/25 116/10 116/23 117/13 118/3 118/5 118/8 118/10 128/13 159/12 169/24	rather [11] 60/15 60/20 76/10 86/15 112/11 131/8 132/5 137/21 138/15 146/21 159/12
published... [2] 141/16 144/13	quantity [2] 87/13 88/23	RA [3] 19/8 19/14 19/15	Radiaton [1] 159/16	rating [1] 103/21
pudding [1] 98/10	quarter [1] 40/14	RA26 [1] 18/18	radio [4] 15/11 34/8 36/7 62/1	raw [1] 154/4
pull [2] 139/15 139/17	query [1] 32/20	rad [8] 13/3 13/10 17/9 18/11 35/8 35/18 117/24 169/23	radio-graphy [1] 15/11	ray [12] 17/17 18/1 47/7 55/15 60/14 107/25 110/12 132/10 134/11 134/12 135/15 143/11
pulled [1] 36/18	question [28] 19/4 23/21 24/4 24/21 30/16 40/5 44/25 46/8 50/13 50/15 51/11 52/12 55/14 76/7 77/11 85/13 86/21 94/11 99/6 99/7 100/5 120/6 120/7 136/9 151/3 168/17 168/24 171/4	radiate [1] 84/25	radioactive [3] 42/24 113/17 114/16	rays [9] 78/14 78/15 80/25 110/11 133/1 140/6 142/24 142/24 143/8
purchased [2] 118/7 134/2	questioned [1] 102/9	radiation [113] 1/5 1/11 2/9 2/9 2/10 2/10 2/11 2/11 2/14 3/10 4/8 5/1 5/6 5/12 11/7 13/8 14/15 14/17 17/14 17/24 22/9 30/3 34/6 34/14 36/10 43/4 43/20 44/13 51/1 57/13 58/1 58/19 58/19 58/21 58/21 59/21 59/22 59/22 60/4 60/21 61/6 61/9 61/18 61/20 61/22 62/13 64/6 64/16 64/25 67/25 68/4 68/4 68/6 68/14 68/21 69/8 69/12 69/17 71/13 71/24 72/1 72/3 73/18 74/12 74/24 75/5 75/15 75/16 76/15 78/13 79/23 80/2 81/20 83/14 83/14 83/22 86/7 86/8 86/15 88/12 89/1 89/22 90/9 90/12 92/5 92/20 93/3 93/16 95/1 95/6 96/9 96/21 98/18 99/25 100/9 102/5 102/15 105/21 112/24 114/1 114/2 115/21	radiography [4] 15/10 16/11 134/24 135/16	re [1] 135/23
purely [2] 22/9 159/21	questions [15] 6/20 16/8 18/21 26/1 28/12 34/23 41/15 67/2 70/18 106/2 115/15 139/1 157/14 169/16 170/17	radiologic [5] 4/21 5/21 17/15 17/25 169/22	radiological [1] 59/16	re-envision [1] 135/23
purpose [1] 88/3	quick [2] 17/3 67/8	radiologist [7] 5/4 5/14 5/17 22/16 23/1 28/22 34/6	radiologist [7] 5/4 5/14 5/17 22/16 23/1 28/22 34/6	reach [2] 27/24 117/5
purposes [1] 13/10	quickly [3] 18/7 90/24 128/6	radiologists [2] 113/4 133/15	radiology [2] 34/9 110/14	reached [1] 42/6
pursuing [1] 133/10	quiet [1] 45/8	radiotherapy [3] 61/12 73/2 81/11	radiotherapy [3] 61/12 73/2 81/11	reaches [1] 38/25
push [2] 43/25 44/3	quirk [1] 24/15	raise [1] 67/3	raise [1] 67/3	read [6] 6/19 14/13 75/23 151/22 158/1 161/14
pushes [1] 96/23	quirks [1] 24/18	RAM [3] 38/9 41/7 41/8	RAM [3] 38/9 41/7 41/8	ready [2] 40/4 113/13
pushing [1] 101/15	quit [2] 11/9 128/23	ran [1] 41/1	ran [1] 41/1	reading [2] 48/12 77/1
put [28] 19/10 27/5 27/10 36/7 36/25 46/19 55/17 66/14 66/19 77/13 89/10 99/15 100/17 109/14 118/19 120/17 126/17 126/25 127/15 136/5 136/10 137/2 141/17 142/21 142/21 145/6 148/13 148/17	quite [8] 7/5 66/11 76/2 83/10 84/9 111/2 135/10 159/9	Randy [3] 2/2 5/3 130/14	Randy [3] 2/2 5/3 130/14	real [7] 4/2 16/5 18/8 66/22 110/6 111/15 112/10
puts [2] 109/15 124/25	quorum [4] 166/15 167/9 171/23 171/25	range [2] 57/25 94/2	range [2] 57/25 94/2	realign [1] 130/8
putting [5] 47/20 48/6 130/15 136/17 170/11	quotes [1] 163/9	rarely [2] 85/21 91/5	rarely [2] 85/21 91/5	reality [1] 102/7
Q	R	RAs [1] 19/19	RAs [1] 19/19	realize [5] 42/14 70/3 70/13 70/19 99/24
qA [1] 104/8	R.R.A [1] 2/5	rat [1] 112/18	rat [1] 112/18	realizing [2] 38/22 169/12
qualifications [2] 59/6 79/14	R.T [1] 2/5	rate [8] 70/23 94/21 94/21 98/4 118/5 118/13 122/6 136/11	rate [8] 70/23 94/21 94/21 98/4 118/5 118/13 122/6 136/11	really [58] 6/4 10/20 10/20 12/5 16/18 17/3 20/8
qualified [3] 40/23 130/24 131/6				
quality [13] 4/20 13/1 68/11				

R				
really... [51]	recognized [1]	28/24 107/20	released [1]	reporting [1]
24/10 27/21	134/5	registering [1]	141/3	66/10
30/14 31/16	recommendation	112/19	remember [12]	reports [6]
34/21 49/15	s [1] 132/20	registrant [1]	13/7 14/10 20/1	18/10 18/10
59/20 61/23 64/1	recommended	155/9	35/11 38/18 42/1	56/18 76/10
66/1 66/2 66/9	[1] 140/14	registration [6]	42/3 55/2 101/11	119/21 168/1
66/9 67/14 67/21	reconstructive	60/13 65/4	108/12 113/9	representative
67/25 69/10	[1] 88/18	128/22 135/23	161/20	[2] 12/25 13/20
69/18 69/19	record [8] 26/20	135/24 138/12	reminder [1]	representing [1]
70/16 71/2 72/3	64/24 65/15	registrations [3]	39/6	10/24
72/5 73/8 74/10	73/15 73/20	128/19 128/21	remote [1]	request [2]
74/14 74/24	89/10 122/13	134/7	171/9	39/22 171/14
85/11 86/6 88/16	173/8	regs [5] 59/20	remotely [1]	requested [1]
89/4 89/13 91/15	recording [1]	106/11 136/20	104/10	124/5
91/24 92/10	26/17	165/14 165/24	renew [7] 20/2	requests [2]
95/24 96/10	records [5]	regular [1]	20/3 22/18 24/8	39/3 40/3
96/20 100/9	41/25 42/6 42/16	70/17	24/9 36/16 40/24	require [15]
102/13 103/11	148/15 148/19	regulated [2]	renewal [2]	65/9 72/19 74/20
103/12 106/13	red [1] 9/1	54/25 108/19	24/21 49/4	76/25 77/17
106/22 115/22	redundant [2]	regulation [7]	renewals [8]	77/18 80/15
137/20 141/4	165/1 165/4	36/8 43/18 50/18	20/20 43/1 49/11	80/16 80/17
141/6 141/7	Reenters [1]	50/23 162/8	49/12 49/13	82/15 88/17
142/11 144/25	169/18	163/7 167/17	128/16 129/6	111/25 135/3
realm [1] 75/14	reference [5]	regulations [3]	168/3	135/6 154/20
realtime [3]	102/17 137/12	33/14 166/3	renewed [1]	required [3]
1/22 81/14 84/6	137/16 137/18	167/21	169/13	16/17 47/14
reason [4] 23/3	143/20	regulatory [5]	repair [1] 96/18	56/21
99/1 130/3	references [1]	16/10 55/1 72/14	repeat [1]	requirement [2]
165/13	135/21	111/6 144/9	157/12	45/20 63/13
reasons [3] 62/7	referrals [2]	reimbursed [1]	replace [1]	requirements
92/4 92/5	131/16 131/24	128/6	157/12	[4] 58/17 58/18
Rebecca [2] 2/3	referring [3]	reimbursement	replacement [1]	100/18 132/9
5/20	63/25 131/18	[1] 88/14	123/17	requires [2]
recalled [1]	133/22	reimbursing [1]	replacing [1]	71/8 129/20
35/18	reflect [1]	89/18	144/5	requiring [2]
receive [4] 17/1	137/10	reject [1] 113/23	repopulation [1]	31/14 71/12
96/25 99/11	refresher [1]	rejected [1]	84/18	research [13]
115/25	74/20	137/2	report [14] 25/3	69/24 137/16
received [6]	regard [4] 36/6	related [1]	61/7 78/1 103/14	163/4 163/11
17/12 17/18	64/4 105/1	101/10	104/23 131/14	163/14 163/23
17/22 24/12	106/11	relative [2]	132/22 153/23	164/6 164/10
161/21 161/22	regarding [1]	173/10 173/12	153/24 154/1	164/12 164/22
receiving [1]	162/8	relatively [1]	154/2 154/9	165/2 165/16
71/9	regimen [1]	67/8	154/25 173/6	170/23
recent [1]	131/20	relay [2] 20/23	reported [5]	researched [1]
134/22	regional [3]	115/22	1/21 66/13	163/13
recently [4]	116/2 116/6	relayed [1]	103/16 112/17	reservation [2]
42/25 70/24	116/13	52/11	131/12	64/21 96/8
89/22 161/19	register [4]	release [7]	Reporter [2]	reset [1] 103/23
recessed [1]	128/17 135/5	44/23 46/2 46/3	1/22 173/1	resolution [1]
107/7	135/14 138/8	46/5 51/23 51/24	reporters [1]	117/23
	registered [2]	52/4	115/2	resolved [2]

R	reviewed [5] 76/1 83/20 141/8 148/15 148/15	123/10 128/14 129/9 132/18 133/20 133/21 137/13 138/25 140/7 140/16 141/12 141/25 143/15 144/2 145/13 145/25 146/5 146/12 146/21 146/24 147/24 148/11 149/24 151/2 152/17 153/2 154/5 154/22 155/4 156/4 157/5 158/5 158/6 160/14 161/5 162/18 162/22 163/2 163/5 164/8 164/16 165/8 165/9 166/17 167/6 172/8 172/17	78/21 78/23 79/1 79/4 79/5 79/9 93/6 108/14 135/15 135/16 138/18	S
resolved... [2] 19/19 20/7	reviewers [2] 45/23 45/24	ringing [1] 39/5	rooms [10] 43/16 47/14 47/19 47/21 47/21 48/8 50/16 52/14 134/24 138/13	sad [1] 29/23
resources [4] 63/22 135/22 137/12 138/3	reviewing [4] 45/18 48/21 68/17 68/18	risk [9] 71/19 72/13 90/25 91/16 95/5 95/9 111/4 112/10 137/7	rough [1] 15/23	sadly [2] 91/21 103/16
respond [4] 60/3 115/25 116/9 116/22	reviews [2] 73/16 73/17	risks [3] 71/20 71/21 136/24	roughly [2] 30/10 169/12	safe [4] 67/20 72/24 73/1 98/8
response [9] 8/3 11/8 94/21 94/21 116/3 116/3 156/3 161/4 172/7	revision [1] 141/2	Rita [3] 1/21 173/5 173/19	round [2] 68/19 100/10	safeguard [3] 75/18 78/19 78/21
responsibilities [1] 69/23	reword [1] 137/10	road [5] 90/13 90/21 114/3 114/5 154/23	rounds [4] 64/9 65/1 69/5 69/25	safeguards [2] 75/25 78/16
responsible [2] 41/11 42/5	RID [6] 115/22 116/16 116/18 117/8 117/14 118/22	roads [1] 114/7	routine [5] 43/1 43/11 48/23 49/10 88/1	safely [1] 99/3
rest [3] 22/23 128/1 137/15	RIDs [1] 121/15	robust [1] 33/12	Rowena [1] 54/3	safer [2] 92/17 122/20
restaurant [2] 52/15 52/18	right [128] 7/17 10/13 12/16 13/7 16/25 17/3 18/8 19/25 23/15 24/16 25/15 25/17 26/21 31/3 32/13 41/20 42/8 42/11 43/23 44/14 45/17 45/22 47/12 47/15 49/2 53/15 54/10 54/15 54/23 56/3 56/3 59/4 62/15 62/23 63/19 66/8 66/10 71/5 71/22 76/23 79/19 80/14 80/23 82/8 82/24 83/1 83/13 83/25 84/25 85/3 85/24 86/3 86/7 86/22 87/3 87/5 87/15 87/15 89/12 92/12 92/18 93/8 93/8 93/23 94/14 94/17 96/10 99/23 102/11 102/12 102/23 103/4 103/10 107/17 108/9 108/20 111/5 112/2 113/11 121/21 123/3	ringmarole [1] 120/20	round [2] 68/19 100/10	safety [17] 62/15 64/15 66/19 68/4 72/8 73/3 73/9 73/24 74/5 74/12 74/23 79/3 80/1 91/3 98/7 134/18 134/19
restricted [1] 53/19	results [4] 86/17 98/4 133/13 134/12	risk [9] 71/19 72/13 90/25 91/16 95/5 95/9 111/4 112/10 137/7	rowena [1] 54/3	said [22] 7/1 10/19 15/8 16/24 23/22 27/17 35/14 35/17 37/12 42/16 46/4 46/10 50/17 53/22 58/5 103/2 104/15 109/6 145/14 160/9 165/11 166/7
result [1] 132/18	resumed [1] 107/8	risks [3] 71/20 71/21 136/24	RPP [1] 79/10	safer [2] 92/17 122/20
results [4] 86/17 98/4 133/13 134/12	retired [5] 2/2 5/13 5/15 5/18 131/1	Rita [3] 1/21 173/5 173/19	RPPs [3] 146/6 146/9 146/10	safety [17] 62/15 64/15 66/19 68/4 72/8 73/3 73/9 73/24 74/5 74/12 74/23 79/3 80/1 91/3 98/7 134/18 134/19
resumed [1] 107/8	retirement [2] 14/3 87/22	road [5] 90/13 90/21 114/3 114/5 154/23	RSO [4] 2/5 41/9 41/10 154/6	said [22] 7/1 10/19 15/8 16/24 23/22 27/17 35/14 35/17 37/12 42/16 46/4 46/10 50/17 53/22 58/5 103/2 104/15 109/6 145/14 160/9 165/11 166/7
retired [5] 2/2 5/13 5/15 5/18 131/1	retiring [1] 12/18	roads [1] 114/7	RT [5] 2/3 2/5 19/7 19/12 20/6	safer [2] 92/17 122/20
retirement [2] 14/3 87/22	retrain [1] 100/12	robust [1] 33/12	RTOG [1] 98/7	safety [17] 62/15 64/15 66/19 68/4 72/8 73/3 73/9 73/24 74/5 74/12 74/23 79/3 80/1 91/3 98/7 134/18 134/19
retiring [1] 12/18	retraining [2] 65/11 100/13	rock [2] 113/23 113/23	RTT [1] 103/5	said [22] 7/1 10/19 15/8 16/24 23/22 27/17 35/14 35/17 37/12 42/16 46/4 46/10 50/17 53/22 58/5 103/2 104/15 109/6 145/14 160/9 165/11 166/7
retrain [1] 100/12	retrospective [1] 97/18	roll [2] 66/25 148/3	RTTs [1] 105/3	safer [2] 92/17 122/20
retraining [2] 65/11 100/13	return [1] 166/24	rolling [1] 67/5	rule [5] 37/25 38/2 138/15 154/13 162/3	safety [17] 62/15 64/15 66/19 68/4 72/8 73/3 73/9 73/24 74/5 74/12 74/23 79/3 80/1 91/3 98/7 134/18 134/19
retrospective [1] 97/18	reverse [1] 113/9	room [21] 44/19 44/20 47/24 48/12 48/17 77/14 77/15 77/21 77/22 78/7	rumblings [1] 30/7	safer [2] 92/17 122/20
return [1] 166/24	review [9] 18/4 34/17 37/13 41/25 122/13 132/20 132/21 148/21 154/25		run [8] 18/9 18/24 22/9 22/10 29/11 69/25 77/24 97/13	safety [17] 62/15 64/15 66/19 68/4 72/8 73/3 73/9 73/24 74/5 74/12 74/23 79/3 80/1 91/3 98/7 134/18 134/19
reverse [1] 113/9			running [6] 11/15 18/10 100/2 111/7 111/14 161/23	safer [2] 92/17 122/20
review [9] 18/4 34/17 37/13 41/25 122/13 132/20 132/21 148/21 154/25			rushing [1] 91/15	safety [17] 62/15 64/15 66/19 68/4 72/8 73/3 73/9 73/24 74/5 74/12 74/23 79/3 80/1 91/3 98/7 134/18 134/19

S	143/3	security [1] 132/11	send [9] 20/4 39/18 69/12 117/3 117/4 129/8 133/13 133/15 171/12	setting [4] 72/18 101/5 148/7 148/8
Sarasota [1] 150/15	scattered [2] 142/24 143/7	Seddon [2] 2/2 5/8	sending [6] 20/13 20/25 21/5 24/2 96/8 129/7	settings [1] 80/6
sarcomas [1] 60/2	scenario [3] 25/16 144/17 144/22	see [42] 11/17 13/4 13/20 16/22 25/13 26/11 28/6 28/13 30/2 44/25 52/9 55/21 60/9 62/12 65/24 66/3 81/12 84/9 84/17 85/23 86/4 91/19 91/25 93/1 95/4 95/24 102/24 104/10 105/17 106/17 111/25 115/12 115/14 118/15 119/19 130/1 131/19 139/24 157/20 161/8 164/3 172/20	sense [1] 36/23	seven [3] 37/18 90/17 118/18
satisfaction [2] 71/1 71/2	schedule [2] 64/14 125/5	seem [2] 132/25 165/1	Sension [1] 37/15	several [9] 6/22 7/20 19/16 59/11 70/12 75/12 83/23 87/6 113/2
Saturday [1] 29/17	scheme [1] 135/23	seems [6] 86/24 88/4 88/8 109/10 109/11 165/4	Sensus [5] 60/16 65/14 73/6 73/12 79/16	several calls [1] 19/16
save [1] 67/9	Schenkman [7] 2/2 5/3 8/8 8/24 14/20 124/4 130/14	seeing [5] 17/4 60/9 83/1 111/5 168/11	Sensus' [1] 59/4	shape [3] 13/24 131/2 131/18
saw [3] 69/20 96/8 109/5	school [7] 29/10 29/11 29/11 82/21 82/22 83/2 86/8	seem [2] 132/25 165/1	sent [3] 23/22 37/8 127/15	shaping [1] 109/15
say [41] 6/15 10/10 15/10 15/18 15/22 16/2 25/7 26/19 27/2 40/13 44/1 46/18 47/8 51/9 57/19 58/14 58/17 66/15 72/2 79/10 79/17 81/25 82/12 83/7 92/14 92/15 93/1 95/20 96/13 97/3 121/13 125/9 144/20 145/5 147/14 149/11 151/11 152/12 152/24 153/7 153/14	scope [1] 33/8	seen [7] 7/4 83/3 91/10 93/4 95/20 131/14 141/14	sentence [4] 156/23 157/17 159/5 159/12	share [1] 8/11
saying [13] 7/2 15/10 20/19 41/20 46/23 54/17 82/14 151/19 153/6 160/6 162/20 163/20 168/22	Scott [4] 2/14 4/12 4/12 61/16	seem [2] 132/25 165/1	separate [14] 19/25 20/2 20/6 20/14 21/2 23/4 25/18 33/20 77/1 118/19 157/19 158/2 158/6 162/7	she [15] 7/15 7/16 9/4 13/7 13/10 14/7 16/15 22/21 26/1 37/21 37/23 56/6 112/22 112/23 129/3
says [12] 14/13 32/7 34/6 48/9 51/5 52/19 96/25 134/10 144/19 151/22 158/6 171/1	screen [3] 121/22 122/2 122/12	seems [6] 86/24 88/4 88/8 109/10 109/11 165/4	separately [2] 20/13 23/8	she's [4] 13/11 14/6 16/14 129/4
scan [1] 127/25	se [1] 93/20	seen [7] 7/4 83/3 91/10 93/4 95/20 131/14 141/14	September [2] 58/6 130/12	shed [5] 116/5 116/8 116/16 116/18 117/7
Scanner [1] 78/17	Sean [2] 19/12 19/16	seem [2] 132/25 165/1	septum [1] 70/8	shield [2] 111/2 156/11
scans [2] 131/19 132/1	search [2] 58/10 58/21	seems [6] 86/24 88/4 88/8 109/10 109/11 165/4	Seriously [1] 165/23	shielded [1] 50/16
scar [3] 69/18 94/15 96/16	searches [1] 58/13	seen [7] 7/4 83/3 91/10 93/4 95/20 131/14 141/14	service [7] 14/16 61/14 72/20 72/22 80/7 89/19 98/16	shielding [16] 43/2 43/6 46/18 47/14 51/2 54/18 55/16 55/25 56/18 77/12 77/15 77/17 77/18 77/22 77/25 80/11
scars [1] 93/20	second [17] 18/4 35/9 124/25 129/7 129/8 130/21 130/22 143/16 143/18 144/19 155/23 155/24 160/24 160/25 170/12 171/20 172/2	self [2] 63/25 150/22	services [4] 20/17 22/22 73/2 131/17	shooting [2] 38/4 112/11
scatter [2] 111/2	seconding [1] 171/21	self-referring [1] 63/25	servicing [1] 10/4	short [4] 111/15 115/17 119/5 130/23
	section [10] 5/12 10/12 13/9 42/24 55/15 111/22 128/14 137/14 141/24 168/2	selfish [1] 89/24	session [2] 3/2 30/1	shortage [1] 62/22
	sections [1] 7/23	sell [1] 63/18	sessions [2] 86/23 87/12	shorten [2] 6/8 6/12
		selling [5] 131/17 132/1 133/11 133/22 135/18	set [12] 22/7 22/11 23/1 23/3 58/17 84/2 84/3 87/14 107/11 111/5 118/21 123/18	should [46] 9/8 20/11 21/1 21/1

S	81/12 84/9 91/17 116/10 161/16 silence [2] 39/7 39/8 similar [2] 35/22 43/22 simple [5] 23/20 53/21 54/13 94/18 137/24 simply [1] 119/23 since [16] 10/16 13/7 13/12 41/18 61/2 62/16 63/24 86/9 110/14 115/12 123/16 124/17 131/7 133/24 155/8 155/10 sing [1] 9/9 Singing [1] 9/13 single [5] 62/24 96/8 96/15 114/3 142/7 sir [4] 76/8 95/3 123/19 125/6 sit [2] 48/12 110/6 site [7] 58/20 58/22 101/14 102/6 131/11 133/5 141/22 sites [1] 135/18 sitting [3] 93/6 110/12 147/16 situ [2] 97/21 97/22 situation [3] 32/16 70/20 90/21 six [9] 12/5 39/13 56/7 66/16 87/17 90/16 91/16 119/15 167/20 six-and-a-half [1] 87/17 size [3] 77/21 97/25 118/25 skills [1] 100/22 skin [11] 60/3 62/22 67/13	72/19 81/3 86/2 89/23 101/17 101/24 102/17 109/7 SkinCure [12] 2/13 4/13 61/10 61/17 61/23 62/8 66/24 69/19 73/5 91/13 95/23 107/14 skip [2] 124/5 124/15 skips [1] 152/3 slightly [1] 170/18 small [7] 32/23 32/23 90/19 97/24 108/7 117/15 147/20 smaller [3] 40/19 108/17 116/19 smart [3] 99/24 117/1 117/3 Smith [1] 16/14 smooth [1] 76/4 smoothly [1] 18/24 snacks [1] 8/15 so [359] societies [2] 28/14 30/6 society [5] 28/21 28/21 28/25 29/8 124/8 sodium [3] 117/23 118/11 119/1 soft [1] 131/9 software [1] 162/2 sole [1] 71/9 solid [1] 96/11 solution [3] 72/20 72/25 100/9 Solutions [2] 114/1 118/8 some [87] 8/14 10/23 11/11 11/16 11/17 11/18 11/20	13/18 14/3 16/7 18/2 18/3 18/25 19/18 21/13 25/10 25/22 27/5 28/1 29/3 30/20 31/8 31/14 31/21 32/20 33/22 35/2 35/22 35/25 37/1 38/8 48/4 48/22 53/2 53/6 54/6 54/14 56/1 56/13 65/8 65/20 65/20 66/11 67/9 69/3 69/24 71/22 74/19 78/23 79/4 82/20 82/21 84/4 85/5 88/3 90/22 91/1 91/4 91/11 91/21 92/3 96/18 96/20 96/21 99/18 100/17 105/20 108/6 108/6 110/2 114/10 115/9 134/21 135/18 137/19 142/4 149/15 152/13 152/14 152/15 165/10 166/3 167/16 167/22 169/7 170/13 172/20 somebody [16] 35/16 47/2 64/20 104/21 114/23 115/13 118/20 119/2 119/8 119/9 119/11 136/10 161/21 164/3 164/24 170/25 somehow [1] 19/23 someone [4] 16/17 40/22 131/21 161/25 something [47] 6/15 7/1 14/10 14/11 14/25 15/23 25/13 29/18 30/4 30/6 34/24 37/10	41/13 46/12 47/8 50/24 56/8 59/17 64/10 64/21 65/11 65/21 77/8 84/8 88/2 90/12 91/19 97/2 97/23 103/3 104/22 105/23 110/3 111/24 112/2 114/22 115/14 134/25 135/11 138/4 138/6 147/14 148/14 151/4 154/24 168/13 169/5 sometimes [8] 18/9 70/3 70/11 84/1 89/13 99/14 101/23 149/11 somewhere [5] 27/11 28/7 155/1 162/13 168/5 soon [2] 14/3 128/5 sorry [8] 12/13 20/18 39/9 57/11 110/21 114/8 117/11 155/16 sort [10] 58/11 71/18 74/1 78/11 88/18 88/19 92/3 96/7 136/19 146/2 sorts [1] 113/6 sounds [5] 6/13 10/6 86/21 126/16 167/14 source [3] 12/1 108/24 109/7 sources [2] 12/2 119/15 south [1] 158/23 space [4] 62/19 68/1 71/5 109/16 speak [2] 68/24 69/3 speakers [1] 29/15 speaking [2] 33/16 71/15 special [2] 8/11 23/12
----------	--	---	---	---

S	65/14 73/11	83/9 93/25	158/1 164/11	74/12 99/15
specialist [1]	SRTs [2] 60/14	107/17 129/15	stop [1] 118/23	164/12
4/17	60/16	131/17 131/19	stopping [1]	submission [1]
specialized [1]	staff [13] 2/8	148/16 173/2	92/19	80/16
31/18	7/12 7/20 7/21	statement [2]	storage [5]	submissions [1]
specialties [1]	10/11 10/12	41/17 152/13	116/5 116/8	171/6
33/25	10/14 10/15 11/5	states [8] 32/17	116/16 116/18	submit [9] 40/2
specialty [1]	11/15 15/16	32/20 65/9 66/11	117/7	43/2 43/13 48/23
36/4	128/23 132/19	74/19 76/25	story [1] 113/15	52/12 54/12
specific [3] 46/8	staffed [1] 37/12	100/17 130/16	straightforward	80/11 146/9
75/2 100/20	stage [4] 69/13	states' [1]	[1] 156/12	169/14
specifically [3]	87/22 97/20	130/19	streamline [1]	submitted [9]
39/12 63/11	97/25	statute [6]	18/23	6/21 55/16 65/6
111/9	stall [1] 167/2	33/12 34/18	strictly [1] 34/16	74/21 78/1 83/20
specified [1]	stand [2] 14/23	35/17 35/22	stringent [1]	128/20 136/3
136/6	79/21	36/25 135/9	66/9	172/4
specifying [1]	standard [9]	statute's [1]	structure [5]	submitting [1]
141/3	79/11 79/15 80/5	34/16	35/12 137/4	170/21
spectra [2]	111/20 135/23	statutes [2]	137/5 137/6	subscriptions [1]
116/25 117/3	146/10 148/7	35/24 132/15	137/9	133/11
spectroscopic	148/8 166/10	statutory [1]	struggling [1]	substantially [1]
[2] 115/21	standardization	135/22	10/12	91/18
117/13	[1] 105/21	stay [1] 78/22	studies [2]	substitute [1]
spectrum [3]	standards [10]	stayed [1]	137/18 163/21	4/23
34/13 117/9	28/15 58/11	114/23	study [8] 61/12	such [6] 29/13
120/22	58/23 80/1	staying [1]	61/13 70/24 90/7	71/12 87/8 95/14
Speech [2] 9/17	129/12 134/17	78/21	91/2 97/16 97/18	100/6 132/9
9/17	134/18 134/19	stays [1] 79/8	97/19	sudden [3]
spellcheck [2]	167/23 168/15	steer [1] 89/13	stuff [28] 13/18	43/19 44/2 44/4
159/14 159/17	standing [5]	stenographic [1]	20/6 21/25 23/9	suffice [1] 99/22
spend [5] 40/21	61/19 67/23	173/9	24/7 36/7 56/6	suggested [2]
74/16 106/17	77/20 80/4	stenographically	56/11 56/20	59/20 155/20
114/17 116/22	138/13	[1] 173/6	58/24 59/23 93/1	suggestions [1]
spending [1]	standpoint [2]	step [1] 74/11	93/18 100/25	160/21
87/25	82/11 82/17	Steven [12]	105/17 106/9	Suites [1] 1/12
spiculation [1]	start [11] 4/4	2/14 4/12 4/12	107/15 113/6	summarizing [1]
85/4	4/5 53/14 91/18	61/16 61/16 62/2	113/7 119/19	153/3
spirit [1] 64/18	95/9 95/11 105/5	67/6 68/9 70/21	122/6 123/21	summer [2]
split [1] 137/14	113/14 119/10	74/7 74/19 80/3	128/11 135/2	113/15 115/2
spot [4] 75/18	119/12 167/13	stick [1] 79/6	151/9 151/13	summing [3]
75/18 101/17	started [3]	sticking [1]	157/1 169/8	152/11 152/16
102/11	42/25 107/10	168/11	style [1] 71/13	153/12
squamous [2]	124/23	still [23] 21/16	subdermal [1]	sung [1] 10/1
94/20 97/21	starting [1]	34/13 36/11	84/16	super [3] 118/1
SRT [14] 57/23	17/11	37/25 38/9 49/5	subgroup [3]	121/22 122/21
58/1 60/18 60/19	starts [1] 124/13	51/5 75/14 93/17	31/9 32/23 32/24	superficial [11]
63/12 63/12	state [24] 1/22	94/25 107/25	subject [8]	3/10 57/13 61/12
65/14 73/11	17/8 19/6 28/23	108/1 108/25	163/4 163/11	61/25 73/2 73/4
80/10 93/24	41/24 48/21 49/5	110/6 111/18	164/6 164/17	75/14 75/14 78/5
101/10 108/5	59/19 59/20 61/4	127/8 130/23	164/21 164/22	97/24 107/20
108/15 108/20	67/17 68/6 68/7	138/16 139/8	165/3 168/11	superior [1]
SRT-100 [2]	71/18 75/6 78/1	141/7 146/7	subjects [3]	67/13

S	96/18 138/17	119/17 119/18	28/24 36/4	136/18 138/15
supervision [4]	surgical [5]	128/1 128/3	technology [16]	152/10 152/23
68/1 68/8 75/7	72/19 72/24 87/7	128/4 138/1	17/15 65/13	159/13 160/20
98/19	87/8 88/20	139/13 145/24	68/12 73/3 73/8	166/7
supervisor [2]	surprised [2]	168/7	73/25 74/2 74/3	thank [31] 8/9
16/10 16/13	25/4 66/12	taken [3] 85/6	74/10 77/24 81/2	9/14 10/7 10/8
supervisors [1]	surprising [1]	115/19 127/20	83/4 84/11 98/12	12/22 13/25 15/3
131/4	40/21	takes [5] 23/12	108/16 169/22	15/18 15/19 16/2
supply [3] 24/25	survey [6] 43/17	37/1 54/19 86/18	techs [11] 13/3	21/3 21/14 22/4
48/10 148/25	47/6 52/19 80/20	116/9	13/10 17/9 17/24	28/9 35/7 37/9
support [8] 12/2	113/18 113/22	taking [8] 16/13	18/11 22/12	50/14 52/17 57/1
14/1 29/4 61/24	surveys [7] 51/9	17/6 55/24 79/24	27/10 35/8 35/19	60/25 77/10 97/6
75/11 83/17 92/7	52/13 53/14	102/17 116/22	136/8 169/23	105/24 106/19
99/1	54/14 78/12	142/25 161/7	teeth [1] 111/19	106/21 122/14
supposed [12]	80/12 80/15	talk [11] 23/15	tell [11] 9/7 10/2	122/15 122/18
49/17 53/13	suspicious [2]	60/11 63/8	16/24 21/17	124/17 156/6
53/16 112/6	85/19 97/23	111/21 115/18	39/15 92/10	172/24
112/16 120/5	Swindle [2] 2/15	138/22 138/25	118/4 118/5	thanks [5] 56/3
124/10 146/8	61/21	139/6 148/2	149/5 149/13	67/6 69/7 106/4
147/3 151/15	switch [2] 57/16	169/20 171/21	167/15	169/3
156/19 170/6	155/6	talked [7] 59/11	telling [2] 46/20	Thanksgiving [1]
sure [37] 7/5	switched [1]	59/12 74/7	118/13	131/13
18/8 19/5 26/25	111/13	117/25 139/3	tells [1] 115/23	that [622]
28/2 29/19 30/7	sync [1] 22/17	152/10 166/6	ten [11] 21/24	that's [152]
30/22 33/18 38/6	system [9] 23/8	talking [8] 15/9	77/21 77/21	6/11 7/8 7/16 9/3
40/22 41/11 64/7	25/5 27/14 56/18	23/20 90/3 109/6	87/12 97/14	9/23 11/22 13/16
67/20 69/6 72/8	103/5 104/1	111/8 111/10	100/19 118/4	16/17 18/4 18/16
76/1 78/12 79/1	104/24 114/2	112/3 134/25	130/1 130/1	21/21 22/4 24/4
87/23 88/3 89/8	134/1	talks [5] 29/6	135/1 135/1	24/9 25/10 25/23
100/21 102/11	systemic [1]	58/24 59/5 158/9	tenant [1] 53/1	27/15 29/18 32/2
109/9 120/3	71/14	168/21	tenants [1]	32/3 35/4 37/2
127/20 130/4	systems [5]	Tallahassee [3]	52/24	39/10 41/13 45/2
130/5 132/8	24/18 64/24	4/18 5/2 37/17	tend [2] 87/21	45/5 46/10 46/21
145/22 147/21	118/10 135/4	Tampa [4] 1/13	130/9	46/22 47/7 48/11
148/22 150/16	170/13	1/14 123/5 133/4	tends [1] 90/5	48/15 49/4 49/4
151/20 163/2	T	targeted [1]	tenses [1]	49/19 50/2 50/22
168/18	T's [1] 140/9	94/19	151/12	51/11 51/17
surface [3]	T.V [1] 45/16	task [1] 123/18	terms [4] 28/15	51/19 51/20
108/24 108/25	T2 [1] 97/25	team [6] 59/24	98/7 168/1	51/23 51/24 52/9
109/1	table [3] 56/7	68/11 73/16	168/11	52/10 52/10
surgeon [1]	143/25 166/20	77/23 78/2 123/6	test [2] 48/17	52/11 54/16
68/16	tag [1] 121/2	tech [3] 22/16	105/8	54/19 55/17
surgeons [1]	take [30] 7/24	50/14 52/17	testing [1] 164/3	56/14 56/15
96/20	8/25 13/25 15/1	technically [1]	Texas [1] 68/16	56/21 57/5 58/4
surgeries [1]	20/11 22/5 27/15	164/5	than [23] 12/8	58/14 59/10 60/8
88/17	29/5 51/3 51/8	technologies [2]	27/22 58/22	60/22 61/13
surgery [17]	51/8 55/8 55/25	73/7 170/14	60/15 60/20	62/19 63/5 64/7
58/24 60/4 69/15	64/12 69/21	technologist [2]	72/22 76/10	65/11 66/8 66/22
71/9 71/10 72/23	74/10 77/2	5/21 17/25	86/15 86/25 88/6	67/24 68/9 69/5
87/3 88/18 89/3	102/19 108/13	technologists	91/19 112/12	69/14 71/2 72/23
90/5 92/1 95/1	115/8 116/7	[6] 4/21 13/22	114/18 116/21	75/19 84/22
96/2 96/3 96/4		17/24 28/22	132/5 132/10	85/18 90/12

T	97/1 99/2 100/21 102/22 109/12 113/5 113/18 113/18 117/2 128/20 128/21 131/3 133/5 133/20 134/2 135/7 135/13 136/25 142/5 143/12 146/8 149/1 149/2 theirs [1] 142/18 them [108] 6/19 8/16 11/15 15/22 17/1 19/24 20/4 20/13 20/24 21/5 21/6 21/7 21/17 21/18 23/23 23/24 23/25 24/6 24/8 24/9 25/22 26/3 31/16 31/23 32/14 32/18 35/15 36/18 38/11 38/13 38/16 38/16 43/7 44/23 45/3 45/8 45/15 46/6 47/22 48/6 49/18 52/6 53/18 64/3 64/3 66/7 67/4 68/19 69/24 73/17 77/13 83/5 83/15 86/19 88/2 88/2 89/20 90/1 93/10 96/8 97/13 99/2 100/16 101/20 102/4 104/10 104/17 105/7 105/10 107/11 108/17 109/6 113/20 116/14 118/23 118/23 119/4 126/21 128/20 131/24 132/7 133/22 133/25 134/8 135/3 135/5 138/22 139/12 139/14 139/15 139/17 140/12 142/6 143/7 146/10 148/21	150/19 150/20 154/8 154/11 154/20 157/5 157/9 157/10 159/2 168/20 169/15 169/15 themselves [3] 4/5 59/7 100/3 then [67] 6/22 7/21 13/9 13/19 14/13 16/7 23/11 24/25 28/3 29/14 32/22 33/21 34/7 35/14 35/18 37/21 38/22 40/23 41/9 41/17 49/7 49/13 51/2 54/19 59/5 61/8 64/3 65/19 68/14 72/13 73/20 74/6 74/10 75/10 77/14 78/1 78/2 78/10 84/24 85/8 87/19 88/21 101/4 107/22 119/11 121/19 122/6 127/19 127/25 128/11 128/13 132/18 133/13 135/17 135/17 136/8 142/8 148/6 149/14 149/15 150/4 154/21 155/9 157/17 158/8 160/7 168/1 theory [1] 165/18 therapeutic [2] 75/15 161/22 therapist [16] 22/16 61/18 61/22 68/6 73/25 74/2 75/6 81/16 81/20 86/9 93/3 98/19 101/15 101/16 102/15 103/23 therapists [7] 22/12 59/23 61/6 68/21 70/1 100/9	103/22 therapy [20] 3/10 17/14 17/24 31/12 34/8 52/6 57/13 57/23 58/20 59/16 59/21 60/21 62/1 80/18 89/23 94/14 95/1 107/20 161/22 161/23 there [138] 6/24 7/2 7/3 10/15 10/22 11/12 11/12 11/14 11/22 11/25 13/12 15/24 17/11 18/22 21/16 23/11 24/22 28/19 31/24 33/3 35/5 36/5 36/24 41/18 41/21 43/11 44/9 47/4 48/4 48/12 51/7 51/7 52/17 58/6 59/1 59/1 59/12 62/9 62/10 63/21 63/25 64/22 65/9 66/12 70/4 72/9 72/24 72/25 73/5 73/6 73/24 74/17 74/19 75/16 76/10 76/24 78/16 78/19 78/20 78/23 82/22 87/6 87/7 88/22 90/7 90/23 93/23 95/7 95/9 95/13 95/17 95/22 96/5 96/20 96/24 97/4 99/1 99/1 99/15 100/1 100/24 101/1 103/13 105/5 105/18 105/20 107/13 107/25 109/16 110/13 112/10 113/17 114/4 114/23 115/10 116/24 121/20 124/17	125/13 127/5 127/9 128/2 132/13 132/25 134/4 135/2 136/6 137/19 137/20 141/7 144/19 144/23 146/11 146/21 148/9 148/11 148/13 148/17 149/12 156/22 157/6 157/7 157/14 158/5 158/6 158/13 159/10 159/19 160/21 161/11 161/13 161/15 161/19 162/7 162/15 162/19 167/10 172/8 there's [79] 8/18 18/15 22/21 24/21 25/2 25/12 25/18 28/6 30/6 30/20 31/8 31/8 31/20 32/1 32/4 32/9 32/14 32/20 34/21 35/2 43/5 45/19 45/20 46/14 46/18 46/23 47/2 47/3 47/10 51/9 56/1 59/11 59/16 59/17 62/22 66/16 68/23 69/18 71/4 71/6 72/18 74/25 75/1 75/1 78/12 82/5 83/10 84/25 85/8 87/3 92/4 93/22 95/4 96/19 100/6 100/8 106/8 107/24 111/3 112/2 124/7 132/9 137/21 141/11 142/2 142/7 142/7 142/8 142/9 143/25 144/8 144/14 144/14 144/15 146/8 154/6 159/25
----------	---	---	--	--

T	80/20 80/21	things [54]	155/14 159/25	170/25
there's... [2]	87/10 88/15 89/4	18/24 18/25 19/1	160/1 163/25	thoughts [1]
163/21 170/9	92/11 92/25	19/3 19/9 22/15	164/23 168/4	107/15
thermoluminescent [1]	94/22 94/24 95/5	28/15 30/2 35/20	170/8 170/11	three [24] 16/15
76/11	95/22 98/24	35/23 35/25	172/11	17/7 40/13 41/22
these [63] 18/8	108/7 108/10	36/22 43/19	thinking [6]	47/21 56/22
19/18 23/22	109/9 110/22	43/22 48/18	25/8 52/5 110/13	67/22 70/7 86/18
27/22 43/13	112/15 112/16	52/23 53/16	110/15 119/12	87/11 87/16 89/2
43/19 52/8 52/24	116/14 119/1	54/13 54/25	162/13	91/9 94/10 98/3
53/6 54/18 60/8	124/1 130/6	58/25 59/10	thinner [1] 92/4	113/2 119/1
63/19 63/22	130/7 130/11	59/11 62/12	third [5] 65/23	123/15 126/12
63/24 66/1 70/2	130/15 131/4	63/24 70/15	73/8 83/4 101/10	126/21 126/22
70/15 72/19	131/4 133/22	75/20 75/20 76/1	125/1	130/24 153/19
75/23 75/23 76/1	134/8 134/25	86/18 91/23	third-generation [2]	168/10
77/12 80/9 85/15	135/5 138/19	101/6 109/21	73/8 83/4	three-inch [1]
85/25 90/19 91/5	138/19 145/4	111/15 119/7	this [185]	119/1
92/3 95/21 97/20	145/5 146/9	128/21 130/9	Thorpe [1] 37/21	thresholds [1]
98/1 98/15	148/20 148/21	134/22 136/12	those [58] 7/16	74/1
100/10 101/20	149/1 149/3	136/17 137/16	11/5 12/2 17/3	thrilled [1]
101/22 101/23	149/4 149/4	137/18 137/21	17/8 17/15 17/21	69/19
109/21 114/11	149/7 150/19	137/21 137/25	18/2 18/6 27/25	through [38]
116/13 116/25	154/7 154/17	138/2 138/14	28/4 29/6 31/18	6/19 7/3 11/15
118/7 118/12	154/20 155/1	146/3 161/19	34/7 34/23 35/18	11/23 17/11
118/19 118/25	155/2 155/3	162/16 169/25	36/22 39/7 39/8	20/16 20/17
126/22 132/4	163/12	170/21 171/9	43/17 48/4 49/19	20/21 24/12
133/1 135/4	they've [15]	171/21 172/21	49/24 52/23	26/23 30/17 44/8
135/18 137/21	10/16 10/19 43/5	think [70] 7/10	53/16 60/4 66/15	66/25 67/8 67/17
143/5 145/10	44/20 44/22	7/19 10/13 11/24	66/18 71/8 73/16	73/19 75/23
146/3 148/19	55/23 60/19	14/25 16/17 18/5	74/15 75/9 75/18	102/23 103/5
148/24 149/5	71/11 83/3	23/5 29/22 32/6	80/6 86/17 91/21	103/20 110/23
156/7 159/17	100/19 100/21	33/11 34/22	91/23 102/24	111/19 113/24
167/22 168/9	101/21 108/6	36/24 39/21	107/16 110/19	114/1 118/21
169/13 169/13	130/3 145/9	40/20 40/24 41/1	116/6 117/21	120/19 128/17
171/10	thickness [3]	42/9 43/14 43/24	129/24 136/17	130/25 134/12
they [264]	97/22 142/3	44/6 48/21 54/8	138/14 141/15	136/18 137/3
they'll [2] 55/11	142/4	55/7 55/8 55/17	146/25 153/18	144/5 144/18
167/20	thing [33] 11/3	55/22 56/1 56/13	154/6 162/5	146/7 147/5
they're [86]	21/21 22/20	67/14 76/15	163/21 164/4	151/7 157/23
11/14 15/20	24/24 34/10	78/25 89/25 91/7	165/8 167/19	157/25
15/21 15/24	42/23 44/18 50/6	92/9 93/19 96/5	168/21 169/14	throughout [1]
18/10 20/14	51/25 59/15	98/14 99/23	169/22 170/5	68/12
20/14 22/22 27/7	78/17 84/11 88/6	100/1 105/25	though [12]	throwing [1]
27/8 27/12 28/16	90/2 91/14 100/6	113/12 114/24	35/6 40/7 70/7	86/25
30/12 30/15	102/21 103/11	117/15 118/18	78/9 88/5 92/17	Thursday [5]
31/18 31/19 38/3	104/22 109/5	119/3 119/15	94/22 94/24	1/18 124/12
38/15 39/21 44/9	110/9 115/18	120/1 124/16	102/9 128/22	124/13 125/15
44/16 44/19	131/11 132/9	134/9 135/5	141/6 163/21	125/19
45/10 48/19	133/15 135/13	136/7 138/4	thought [10]	Thursdays [3]
49/12 51/14	135/20 138/11	138/25 147/3	49/6 50/23 62/17	125/12 125/13
52/20 53/4 53/13	138/15 140/3	147/8 147/12	66/23 103/21	125/20
53/15 55/9 60/2	140/15 158/16	150/11 150/15	105/20 115/11	ticket [2] 25/7
66/2 71/11 71/12	164/23	151/17 155/8	121/17 161/23	123/2

T	127/10 170/9	11/20 57/22	treatments [5]	125/12 125/14
tie [3] 19/15 19/24 137/6	together [6] 10/4 19/24 54/5	58/18 63/16	87/10 87/16	125/23 125/24
tied [3] 19/1 137/5 169/12	55/9 127/15	63/19 64/2 64/2	90/17 90/18	tumoricidal [2]
ties [1] 24/20	158/18	64/3 65/7 65/8	101/8	92/21 94/8
tight [1] 72/14	token [2] 84/16	72/12 73/3 74/6	triangulating [1]	tunnel [1]
tilted [1] 57/16	89/25	74/6 74/8 74/11	102/16	102/22
time [65] 12/3 12/3 14/3 15/22	told [1] 115/13	74/13 74/14	trickle [1] 129/6	turn [3] 66/24
15/23 17/2 17/6	tolerance [1]	74/15 74/17	tried [3] 105/6	123/9 146/16
19/11 21/1 21/12	105/9	74/22 83/8 83/15	126/11 150/7	turns [1] 116/24
22/18 23/3 29/5	tomorrow [1]	95/15 99/11	triggered [2]	tweak [1] 166/8
29/14 35/21 36/2	127/17	99/13 99/17	55/6 55/7	twenty [2] 69/16
40/22 41/25 49/4	too [17] 11/2	99/20 100/6	triple [1] 30/12	121/5
49/18 54/19	12/15 27/21	100/7 100/10	trips [1] 106/15	twice [1] 21/8
55/16 59/8 65/18	42/18 45/4 49/19	100/21 101/5	trouble [4]	two [44] 6/9
65/18 67/4 67/9	51/11 53/7 71/11	106/12 112/17	23/17 131/10	10/13 10/17
74/16 77/24	72/14 84/11	130/25 135/7	145/4 145/9	16/25 18/2 19/25
82/12 83/24	102/21 104/22	trainings [1]	true [7] 58/8	20/1 25/3 25/18
87/18 87/20	124/9 139/20	74/21	76/21 89/4 112/9	27/22 35/16 42/4
87/25 88/24 89/2	144/7 160/2	transaction [1]	142/4 160/7	65/18 65/18 75/9
89/3 96/15 97/13	took [4] 10/17	127/21	173/8	91/8 91/13 94/16
103/1 103/15	15/16 110/11	transcript [1]	truly [2] 50/5	101/2 101/8
106/19 107/2	161/25	173/8	104/25	101/9 101/13
111/17 114/17	top [5] 57/8	transition [2]	try [17] 9/9	103/18 104/12
115/17 116/9	146/21 146/22	13/19 22/8	23/22 24/8 30/2	115/2 116/7
116/11 116/15	161/18 163/1	transitioned [1]	38/15 58/10	118/7 118/11
116/22 117/6	total [4] 17/17	13/11	89/13 95/25	118/11 126/7
119/5 123/5	18/1 94/3 116/17	travel [1] 127/8	106/24 126/20	128/3 130/25
124/1 125/1	touch [1] 121/23	trays [2] 129/2	127/13 136/3	131/3 131/7
128/4 128/18	toward [1]	129/2	138/8 153/19	132/23 134/4
137/2 138/7	170/20	treat [4] 52/6	157/9 161/13	134/15 141/23
149/8 161/9	towards [1]	60/4 89/2 102/6	167/13	142/6 142/22
161/12 168/2	89/13	treated [18]	trying [25]	152/25 161/19
168/6 169/9	town [3] 41/23	42/15 42/18	11/24 16/20 38/9	163/3 170/7
times [11] 19/12	133/21 156/15	62/20 66/16 69/9	43/10 43/19 44/4	two-and-a-half
68/23 75/12	toxicity [3]	70/22 76/5 85/22	60/6 69/17 77/12	[2] 101/2 104/12
87/11 92/12	88/21 91/9 98/8	86/9 88/6 88/24	123/18 129/22	two-piece [1]
92/16 98/3 113/2	toys [3] 11/19	90/20 91/13 93/9	135/22 137/1	142/6
126/12 157/13	11/19 122/18	93/13 98/1 103/9	137/13 137/16	type [16] 34/5
161/11	track [3] 130/4	106/18	137/22 145/5	34/10 58/24 59/8
tiny [1] 121/22	154/11 170/4	treating [4]	147/16 150/16	59/15 59/21
tip [1] 70/13	tracking [1]	42/11 70/5 84/7	151/11 153/13	59/22 90/13
tissue [3] 85/9	168/14	91/18	155/5 157/11	93/21 100/25
85/11 131/9	traffic [1] 116/7	treatment [23]	168/15 170/12	110/9 115/8
TLD [3] 76/11	train [3] 16/20	59/8 59/9 71/8	tube [5] 108/16	132/2 135/18
76/25 150/3	69/12 100/16	71/10 71/13	112/6 136/12	137/25 170/16
today [11] 11/1	trained [7]	71/14 75/7 75/9	136/14 137/7	types [1] 73/7
25/25 60/8 60/11	15/17 33/7 63/22	81/3 81/6 86/23	tubes [3] 110/17	typical [6] 45/12
62/4 73/23 93/17	98/25 99/5 99/9	90/14 90/15	113/8 143/11	80/24 81/2 86/23
106/20 123/17	99/10	93/22 94/1 94/4	Tuesday [3]	94/1 94/3
	training [40]	94/25 95/2 98/17	126/2 126/3	typically [12]
	11/9 11/10 11/14	131/9 132/14	126/15	31/19 33/1 33/23
		163/23 164/7	Tuesdays [4]	77/20 87/11 89/1

T	unit [8] 65/14 73/4 73/11 73/13 73/13 105/2 108/20 117/10	96/17 97/24 100/22 104/24 107/11 107/14 108/13 108/22 111/5 116/16 117/7 119/7 119/17 119/22 120/2 123/13 123/18 129/18 130/4 133/16 133/17 136/3 138/4 139/15 139/18 145/23 146/13 147/18 147/19 148/14 150/10 153/24 155/1 159/22 161/20 162/25 172/12	36/14 39/17 39/18 43/12 48/23 49/18 52/11 55/11 60/9 60/12 61/7 62/4 67/23 69/7 75/19 76/25 79/22 83/22 96/10 105/11 113/16 116/9 116/16 117/3 118/12 118/13 119/2 124/25 128/3 129/4 130/1 130/6 131/15 138/5 139/12 146/9 157/6 161/11 168/1 170/1	100/19 users [4] 61/15 65/9 72/10 72/12 using [29] 45/25 57/25 72/10 72/11 79/7 94/22 95/9 102/17 108/7 108/11 112/6 112/15 112/19 113/5 118/15 132/14 139/4 141/10 141/20 141/22 145/15 146/9 150/12 150/12 150/14 150/18 152/25 155/2 155/3
typically... [6] 90/18 114/7 115/7 116/2 169/1 169/8 typo [1] 147/25	units [6] 107/21 110/12 112/4 134/14 134/15 136/15	up-to-date [3] 38/16 39/4 39/15 update [5] 22/1 24/19 124/6 128/15 144/14 updated [7] 21/22 21/25 48/25 89/22 141/6 145/23 146/4 updates [9] 8/7 10/9 10/23 106/8 115/19 122/13 127/6 135/22 155/13 updating [2] 128/14 162/4 upload [1] 21/7 uploaded [1] 24/7 uploading [2] 21/4 21/6 upon [4] 47/17 78/10 103/12 168/6 upset [1] 119/10 uptake [2] 47/14 47/21 urgent [1] 138/18 us [48] 6/9 8/11 11/9 12/18 14/11 25/25 30/7 36/4	usage [2] 60/20 137/1 use [34] 11/16 40/8 57/22 59/22 60/15 64/4 64/24 64/24 65/13 68/10 76/10 78/4 80/10 80/12 84/20 84/20 84/21 85/16 85/19 90/12 93/14 94/13 95/14 112/16 113/2 117/22 135/20 140/12 141/19 144/25 148/25 149/6 152/4 152/14 used [15] 9/7 22/22 24/2 47/7 47/8 63/11 108/13 114/9 125/13 144/25 148/1 150/6 152/21 153/8 153/12 useful [4] 136/5 136/10 137/13 137/15 user [10] 63/15 65/4 74/14 81/17 81/24 82/6 82/15 83/9 98/16	users [4] 61/15 65/9 72/10 72/12 using [29] 45/25 57/25 72/10 72/11 79/7 94/22 95/9 102/17 108/7 108/11 112/6 112/15 112/19 113/5 118/15 132/14 139/4 141/10 141/20 141/22 145/15 146/9 150/12 150/12 150/14 150/18 152/25 155/2 155/3 usually [15] 11/4 12/1 13/20 16/7 33/9 39/22 40/17 77/16 94/7 94/8 119/2 127/3 128/2 129/8 148/24 utilization [2] 68/5 77/25 utilize [2] 74/10 153/4 utilized [1] 81/3 utilizes [1] 73/5 utilizing [3] 47/19 61/25 86/15
U	University [1] 5/15 unless [5] 40/4 47/2 119/6 148/2 154/6 unlicensed [1] 162/11 Unnatural [1] 165/22 unnecessary [1] 69/15 unsafe [2] 64/23 66/4 until [8] 17/18 18/22 103/6 123/9 131/5 151/5 154/16 166/20 unusual [2] 64/11 84/3 up [100] 6/7 7/1 11/4 11/22 11/25 12/2 12/4 12/10 14/23 16/8 18/24 19/10 19/11 21/11 22/11 22/17 23/1 23/4 23/9 31/4 37/16 38/16 39/4 39/15 41/11 42/24 43/10 45/13 46/12 46/15 46/25 48/6 48/20 49/5 53/6 54/5 55/14 56/4 56/12 57/21 58/1 58/6 58/8 58/9 58/23 60/6 62/4 64/13 66/18 66/23 72/14 73/25 84/2 84/3 87/14 89/2 91/12 91/17 91/20 91/21 92/23 93/7 95/2	um [2] 33/15 110/22 unable [1] 128/4 unadopted [1] 7/18 under [14] 15/16 31/11 68/1 68/8 75/7 80/14 80/15 86/2 98/19 103/21 141/24 144/17 144/22 162/11 underneath [2] 22/13 138/9 understand [6] 44/7 45/6 64/7 64/17 83/11 93/19 understanding [6] 44/10 46/4 51/16 51/20 52/10 53/4 unfortunately [6] 36/9 84/18 97/11 97/12 102/12 134/4 uniformly [1] 98/2 unintended [2] 162/6 162/9 unique [1] 32/22	VA [1] 5/25 vacancies [1] 10/13 vacation [2] 42/10 42/12 vague [1] 63/21 value [2] 137/19 149/14 variables [1] 142/2 variation [1] 108/10 variations [1] 142/8 varies [1] 169/9 various [1]	
			V	

V	5/9 155/15	71/10 84/14	56/23 118/22	170/6 170/12
various... [1]	Vice-Chairman	84/16 85/10	118/22 118/23	172/11 172/17
131/23	[1] 2/2	90/24 91/23	118/24	we've [26]
vary [2] 81/5	view [2] 36/24	92/15 93/11	we'll [32] 6/12	14/11 17/12
81/8	83/18	97/13 97/15	7/24 10/23 11/5	17/22 25/6 43/10
vascularity [1]	visible [1] 58/1	100/11 100/13	12/6 12/9 14/25	43/21 43/25 49/2
84/17	Vision [2] 65/14	106/5 115/18	21/25 22/3 30/7	52/12 54/2 56/17
vault [2] 78/6	73/11	120/8 123/7	55/8 55/8 67/3	61/1 75/11 91/11
78/9	visit [1] 88/1	123/8 128/9	67/4 111/21	115/19 116/12
vehicle [1]	visits [1] 86/22	134/24 137/6	124/5 124/15	117/24 128/15
104/2	voltage [2]	137/9 139/7	126/20 127/15	131/7 131/25
vendor [2]	60/14 71/13	139/16 140/18	127/19 128/4	132/7 133/21
120/15 120/16	volume [1]	143/19 144/24	129/6 133/13	134/23 147/1
venue [1] 70/17	22/23	145/8 145/22	133/13 133/15	166/6 168/12
verification [3]	vote [3] 7/24	148/2 148/12	139/24 143/23	weapons [1]
24/11 47/6 73/22	172/2 172/2	148/17 152/12	151/7 157/8	119/13
verified [1]	voted [2] 160/1	153/7 166/13	166/20 166/23	wearing [4]
104/23	160/3	167/6 167/12	167/1	141/23 142/3
verify [3] 64/24	W	167/24	we're [79] 6/4	143/7 149/7
65/15 73/20	wait [5] 41/1	wanted [11] 8/7	6/9 6/10 8/4 8/10	weather [2]
versed [1] 66/1	44/21 104/8	13/25 14/10 24/4	9/11 10/15 12/14	62/5 63/3
versus [7] 18/10	123/11 171/24	34/18 60/12 62/2	18/6 18/12 18/24	Weaver [7] 2/4
71/19 88/13	waiting [5]	62/14 80/5	26/7 26/17 29/1	6/1 124/21 140/9
107/19 136/8	44/20 93/6	104/24 167/15	37/4 37/12 41/7	147/4 166/14
137/25 142/6	104/20 124/6	wanting [4]	43/18 49/13 54/6	169/18
very [45] 7/15	148/20	48/23 62/10 83/2	54/17 57/12	web [1] 170/23
10/16 12/22	walk [10] 48/2	83/5	63/17 66/9 89/24	website [5] 7/17
15/17 16/3 21/1	87/15 87/15	wants [3] 7/19	92/6 99/23	26/18 59/5 108/6
23/9 25/23 47/13	119/24 132/18	8/20 106/15	100/12 100/12	135/12
47/16 55/14	135/1 135/2	warm [1] 73/25	100/15 102/11	week [17] 11/21
63/18 64/16	135/11 135/15	was [193]	106/24 107/4	53/6 87/11 87/16
64/16 65/5 66/14	135/19	wasn't [5] 15/13	107/10 107/10	90/16 94/10 98/3
67/18 68/15	walk-in [2]	126/12 145/1	111/5 111/8	100/25 124/16
68/25 75/16	135/15 135/19	161/15 161/23	113/12 113/12	125/1 125/16
85/21 85/21 87/8	walked [1]	watch [4] 30/8	114/7 115/17	125/17 125/18
91/5 92/6 92/7	166/16	45/15 84/24	116/21 116/22	127/17 169/9
92/22 92/22 93/2	walking [1]	127/11	119/8 123/23	169/9 169/11
93/13 97/24	119/3	way [23] 13/16	124/6 126/13	weekly [7] 64/9
106/19 108/7	walks [1] 76/3	13/24 19/24 22/2	126/14 128/15	65/1 68/19 69/25
108/24 117/14	wall [4] 14/11	25/1 25/2 28/3	128/16 128/18	99/17 102/22
117/14 119/5	44/18 48/10	29/22 32/14	129/5 129/9	169/8
119/5 128/23	52/16	47/10 62/25	129/12 129/16	weeks [6] 10/17
137/24 146/22	walls [2] 46/20	64/23 100/3	129/18 130/5	87/17 90/17
157/4 161/5	47/9	106/14 112/1	130/23 130/23	129/7 169/11
165/4 166/12	want [54] 4/5	115/14 130/20	131/1 131/22	170/8
vet [1] 136/4	4/6 14/23 15/2	136/8 137/12	133/10 133/14	weight [1] 132/2
veterinary [2]	23/16 26/19	154/6 154/9	133/16 134/25	weighting [13]
134/15 134/16	43/15 44/23	158/1 161/25	137/22 145/6	139/20 140/4
via [1] 24/13	48/25 52/7 52/21	ways [3] 48/22	145/19 146/7	140/19 141/9
vice [3] 2/2 5/9	54/11 54/21 58/4	62/12 66/6	150/13 152/7	142/11 147/22
155/15	65/12 67/7 69/3	we [400]	160/16 168/2	147/23 150/19
vice-chair [2]		we'd [6] 20/6	168/3 168/8	151/8 151/8

W	were [49] 6/8	95/20 95/20	18/9 19/10 20/25	11/11 11/17
weighting... [3]	7/15 17/22 21/13	96/13 97/4 97/16	22/7 22/8 23/1	13/20 17/13
152/12 152/15	29/2 33/13 33/14	99/8 102/14	33/25 36/15	19/13 35/23 36/3
153/1	36/16 38/7 38/8	103/4 103/17	40/23 42/15 44/7	36/4 37/16 40/5
weird [1] 106/16	38/9 38/19 41/4	103/25 107/19	44/19 49/21 51/8	41/13 49/14
welcome [6] 4/1	41/5 41/7 55/3	107/19 108/7	52/6 53/1 55/3	59/15 60/3 64/13
6/3 12/8 28/10	62/9 66/18 66/19	108/10 114/5	58/10 58/21	64/18 65/14
119/16 122/17	90/3 91/14 91/15	115/22 115/23	58/22 63/5 65/3	67/15 69/25
well [83] 6/3 8/6	98/2 98/18 101/9	116/12 116/20	66/12 69/19	81/10 84/13
9/2 10/20 15/17	103/5 103/21	118/4 118/5	71/15 76/2 79/7	86/16 89/21 92/8
18/22 19/8 24/3	103/22 103/25	118/13 119/14	86/3 88/16 97/7	94/14 97/22
26/8 32/7 35/2	113/5 113/22	119/18 119/19	102/22 103/1	98/11 100/1
36/12 40/12	114/22 115/3	121/1 121/22	103/21 112/10	101/16 101/16
40/15 41/8 41/19	129/19 129/25	121/23 122/12	113/5 116/14	108/7 113/19
45/20 48/10 50/8	130/24 130/25	122/23 122/25	118/20 130/19	113/20 113/23
56/2 56/3 56/24	131/23 131/24	124/23 134/6	132/18 134/3	114/14 114/19
60/3 60/5 60/23	132/23 133/5	135/16 137/11	137/20 139/4	115/24 116/6
63/15 65/18 66/1	133/6 134/5	138/8 140/1	142/24 143/24	116/8 121/3
68/12 69/18	134/6 134/15	141/17 145/13	145/8 146/9	121/8 133/4
76/19 77/3 80/13	134/15 136/24	147/10 147/11	148/19 148/20	133/23 134/5
83/7 84/21 89/12	145/5 166/18	151/11 151/19	149/18 151/22	134/9 134/16
90/10 90/11 92/8	Westshore [1]	151/22 152/10	153/3 156/13	140/18 140/22
94/18 97/5 99/11	1/13	152/23 153/6	157/9 161/22	142/22 156/9
100/6 101/8	what [140] 7/5	153/13 154/14	162/5 162/15	while [9] 6/7
102/2 102/8	8/23 8/24 11/24	156/13 158/12	164/3 168/19	24/17 26/5 44/9
102/19 102/25	15/7 15/9 20/19	160/9 160/9	171/22	58/16 85/24
105/24 106/4	25/13 31/22 34/8	160/11 163/20	When's [1]	112/17 124/17
106/19 107/1	36/17 40/5 40/20	169/13 171/1	124/19	136/15
107/21 109/12	43/12 43/12	what's [27] 7/17	where [31] 11/8	who [39] 8/20
111/21 112/5	43/16 44/6 44/7	23/11 32/16 50/8	26/11 43/7 43/8	27/10 29/2 30/21
113/1 118/13	44/24 45/5 45/25	50/19 51/17	44/18 44/20	31/9 31/14 31/18
120/24 122/11	46/5 46/11 46/20	51/19 52/11	56/14 64/23	32/5 35/13 38/8
128/15 128/22	48/18 48/22 50/2	57/21 57/22 59/8	68/25 70/17	41/4 41/10 42/13
136/14 139/20	51/14 52/7 52/13	80/24 84/17	71/15 72/14 93/3	45/21 47/4 57/8
140/5 140/16	53/5 53/8 54/6	86/22 88/7 94/1	101/1 102/2	59/13 63/14
145/3 145/3	55/5 55/7 55/23	95/25 99/7 109/1	102/3 102/8	65/12 70/18 72/9
145/5 148/20	56/21 57/21 58/3	117/10 127/14	103/19 109/6	91/6 92/11 93/18
148/24 153/11	58/4 58/10 59/7	136/10 136/11	112/18 114/4	112/18 114/23
153/17 154/11	59/8 59/9 59/14	138/10 140/10	118/15 133/11	115/3 116/2
155/8 160/5	60/9 62/14 62/19	142/2 152/4	144/19 149/20	117/7 128/17
161/14 163/20	63/7 63/21 64/5	whatever [12]	151/12 157/20	131/3 132/13
163/24 164/9	64/5 64/19 65/5	6/25 13/22 23/3	158/5 168/2	132/25 133/19
165/19 166/9	66/2 70/20 71/20	26/19 47/10	169/2 171/3	135/5 136/22
166/20	71/22 71/24 72/1	47/25 52/22 60/7	whereas [2]	147/17 152/11
went [15] 10/18	72/5 72/7 72/12	80/15 132/2	41/23 89/3	152/25
24/12 26/23 42/9	73/22 74/6 75/19	132/20 170/21	whether [9]	who's [8] 4/24
62/10 90/14	79/14 79/25 83/1	Whatever's [1]	94/25 95/22	37/5 45/18 59/17
95/17 111/16	83/6 83/11 83/12	141/21	99/17 108/21	82/14 132/13
114/1 114/3	84/2 84/22 87/24	whatnot [3]	108/21 141/22	135/25 137/5
114/4 120/19	88/14 88/21	59/6 60/2 90/6	142/25 150/23	whoever [1]
128/21 147/5	89/24 92/9 92/19	when [63] 6/6	154/7	163/16
169/3	93/12 94/6 95/19	10/17 11/9 13/9	which [50]	whole [12]

W	148/18 149/13 150/9 168/8 170/14 172/20 William [2] 2/6 130/10 Williams [1] 57/20 Williamson [1] 2/11 willingness [1] 29/14 win [1] 101/22 wings [1] 15/17 wish [6] 5/18 8/8 9/16 9/21 14/2 23/19 with English [1] 114/9 with the [1] 147/23 withdrawn [1] 141/5 within [22] 34/11 34/14 41/22 61/19 68/1 68/7 71/5 71/21 72/21 75/6 75/13 77/19 78/23 79/4 79/8 80/6 80/7 83/19 88/15 89/5 98/22 103/8 without [5] 36/8 41/1 47/11 85/22 112/16 won't [5] 20/24 66/5 66/7 89/10 143/22 wonderful [1] 54/16 wondering [3] 21/10 163/10 164/19 wonky [1] 25/5 Woo [1] 172/19 wood [1] 10/10 word [6] 58/21 127/9 151/12 163/25 164/1 164/17 wording [1] 144/23 work [26] 4/9	13/11 15/21 17/5 32/12 43/10 47/1 56/24 61/4 62/18 63/8 64/8 83/10 85/20 86/16 102/5 115/4 128/25 132/7 134/7 136/14 138/1 144/5 154/20 154/21 164/9 worked [7] 13/8 13/16 19/9 19/19 27/23 52/17 132/17 working [15] 13/6 13/17 21/16 25/2 26/8 59/24 61/1 106/11 115/2 131/25 134/21 136/15 136/17 154/21 168/8 works [6] 61/9 68/15 69/18 83/22 85/14 152/25 world [7] 15/13 24/3 60/10 69/22 90/13 106/16 113/21 worlds [1] 85/12 worried [1] 93/13 worry [2] 151/5 155/10 worth [2] 103/19 104/12 would [76] 8/16 15/10 19/10 19/13 20/4 20/5 33/1 33/5 33/11 33/12 33/17 34/4 34/22 34/25 39/18 40/13 43/17 48/5 51/6 51/6 62/11 63/15 65/8 65/24 66/4 73/21 75/5 78/4 78/5 78/11 79/10 79/15 79/17 79/17 81/4 81/21	81/22 81/23 81/24 82/4 82/15 83/13 85/21 85/22 85/23 88/5 88/8 88/15 90/15 90/18 92/17 95/7 96/9 103/23 104/21 105/6 106/10 106/18 109/22 118/4 118/21 124/2 137/12 137/15 138/23 139/18 143/23 147/1 150/11 150/21 152/8 154/9 162/11 165/6 165/15 171/15 would've [4] 7/4 118/21 164/5 164/6 wouldn't [5] 33/8 33/23 82/2 118/5 164/9 wound [3] 87/4 90/6 91/22 wounds [2] 88/20 90/8 Wow [2] 108/4 141/14 wrap [1] 142/8 wrecks [1] 69/12 write [1] 149/6 writing [1] 171/17 written [5] 33/9 33/12 34/16 99/24 136/2 Wroblewski [1] 2/4 wrong [9] 101/13 101/18 101/25 102/2 102/6 131/11 156/21 163/3 164/20 wrote [2] 114/13 163/16 WT [3] 141/19 144/6 144/20 WTL [1] 151/8	X x-ray [10] 17/17 18/1 47/7 55/15 110/12 132/10 134/11 134/12 135/15 143/11 x-rays [9] 78/14 78/15 80/25 110/11 133/1 140/6 142/24 142/24 143/8 Xofigo [2] 39/12 39/14 Xoft [1] 60/17 XRF [1] 112/9 XRFs [2] 112/7 112/8 XRS [1] 111/12 XYZ [1] 154/23
			Y y'all [1] 16/7 yay [2] 10/5 167/8 yeah [157] 10/19 16/6 20/9 21/21 25/20 26/6 27/13 27/15 27/24 30/12 31/7 32/3 34/12 34/15 34/17 34/20 34/21 34/24 35/4 36/20 39/11 39/20 39/24 40/15 40/19 41/12 42/1 42/3 42/20 44/16 44/25 45/9 45/12 45/17 46/3 46/12 46/14 46/16 47/8 48/1 49/4 50/1 50/20 50/22 51/22 52/9 53/10 53/17 53/18 53/20 53/25 54/2 54/8 54/23 55/18 56/16 56/19 56/20 62/3 63/2 69/6 76/18 76/23 78/15 86/4 88/12 89/20 92/14 97/17 100/23	

Y**yeah... [87]**

101/19 104/3
 104/7 104/19
 105/14 106/3
 107/4 107/21
 107/24 108/3
 109/12 109/17
 109/24 109/25
 110/5 110/20
 112/8 112/9
 112/15 113/1
 117/20 120/3
 121/13 121/15
 121/24 122/10
 123/3 123/25
 125/9 126/11
 129/5 132/4
 138/23 139/17
 140/5 140/9
 140/21 141/1
 141/16 142/15
 142/17 143/4
 143/21 145/19
 145/21 146/20
 146/20 146/25
 147/10 147/12
 147/12 147/21
 148/11 149/13
 149/15 150/2
 150/11 150/25
 151/24 152/1
 153/11 153/15
 153/20 155/7
 156/8 156/21
 156/25 157/21
 157/25 158/5
 158/10 158/12
 158/14 160/15
 162/1 162/10
 163/3 163/8
 163/22 164/2
 164/15 165/13
 165/17 166/17
 166/22 171/8
 171/24
year [26] 14/3
 30/1 35/15 37/8
 48/10 49/1 62/24
 77/9 96/24
 114/19 114/24
 118/7 123/6

129/13 129/13
 129/16 129/17
 129/23 129/25
 137/24 168/2
 168/6 168/12
 169/10 169/10
 170/16
year-long-type [1] 170/16
yearly [1] 29/16
years [20] 10/4
 10/5 11/8 14/1
 14/16 16/15 23/2
 37/19 44/1 63/23
 69/9 69/16 91/13
 93/13 98/12
 112/20 113/3
 133/19 145/24
 168/10
yell [2] 131/21
 167/1
Yep [4] 18/16
 53/15 147/24
 171/11
yes [35] 4/8
 9/10 21/9 24/1
 24/25 27/4 32/1
 35/14 48/18 67/7
 76/8 77/19 81/25
 84/14 85/17 87/2
 89/8 89/17 95/3
 102/11 120/10
 120/19 120/23
 123/19 124/9
 125/6 127/8
 127/13 128/2
 133/15 136/9
 143/22 145/5
 155/16 161/13
yesterday [4]
 10/19 17/19
 43/13 73/23
yet [7] 131/14
 150/8 150/9
 150/17 151/5
 164/6 166/11
York [1] 4/9
you [602]
you'd [2] 25/4
 99/19
you'll [6] 11/2
 11/17 12/20

16/18 95/18
 163/15
you're [58] 9/20
 12/10 15/9 20/13
 20/25 25/11
 26/13 28/10 33/9
 33/10 33/21
 43/18 47/19
 47/20 47/22
 48/22 49/21 51/5
 52/8 54/17 70/5
 70/9 77/12 79/7
 82/14 83/1 85/3
 91/19 102/6
 106/11 111/10
 112/3 112/11
 115/12 115/23
 118/16 120/4
 120/5 122/17
 123/13 124/17
 129/22 131/20
 136/13 141/19
 141/20 141/22
 143/6 147/24
 152/17 153/3
 153/13 154/6
 154/14 154/15
 155/15 157/4
 164/20
you've [7] 56/7
 83/7 83/8 92/11
 126/9 151/17
 154/10
young [1]
 127/11
younger [3]
 82/25 83/2
 121/25
your [66] 7/11
 7/15 14/11 18/13
 19/7 19/7 19/8
 21/4 21/22 21/23
 22/1 22/1 22/2
 26/10 27/2 28/14
 30/5 30/5 30/5
 30/12 34/5 40/6
 43/16 46/5 47/16
 47/22 51/9 52/20
 53/22 67/3 72/9
 79/10 83/6 84/7
 92/16 100/5
 106/11 106/19

119/24 120/17
 120/24 122/1
 122/5 122/15
 124/19 127/8
 127/8 127/11
 127/25 128/11
 131/20 132/14
 133/12 133/14
 134/11 138/24
 139/4 141/21
 142/3 145/1
 149/20 150/2
 151/24 152/1
 156/14 166/15
yours [3] 79/12
 140/2 140/2
yourself [1] 4/7
yourselves [1]
 86/12
Yu [13] 2/14 4/8
 61/9 63/8 64/8
 68/15 68/24 69/3
 70/24 80/3 83/21
 97/15 99/14
Yu's [1] 92/8

Z

zero [1] 121/15