

1fcdcd17-87be-4475-bd77-30b2740443a8-0

00:00:06.990 --> 00:00:20.010

2b164430-2f58-4d73-aebc-227ba421812c-0

00:00:26.690 --> 00:00:29.690

OK, we're gonna go. Excuse me.

We're gonna go ahead and get

2b164430-2f58-4d73-aebc-227ba421812c-1

00:00:29.690 --> 00:00:30.090

started.

e7fe453f-46ec-4c5a-89ff-bd94ff672782-0

00:00:31.630 --> 00:00:35.792

Um, I'm sorry if my voice gets a

little \*\*\*\*\* here. I ate lunch

e7fe453f-46ec-4c5a-89ff-bd94ff672782-1

00:00:35.792 --> 00:00:39.954

really fast, so I don't think I

washed it all down quite enough.

e7fe453f-46ec-4c5a-89ff-bd94ff672782-2

00:00:39.954 --> 00:00:43.796

Um, so welcome, everybody, to

our afternoon session for the

e7fe453f-46ec-4c5a-89ff-bd94ff672782-3

00:00:43.796 --> 00:00:47.766

brain and spinal Cord Injury

Advisory Council meeting. And we

e7fe453f-46ec-4c5a-89ff-bd94ff672782-4

00:00:47.766 --> 00:00:51.544

have a lot to go over today. And

then we also have a guest

e7fe453f-46ec-4c5a-89ff-bd94ff672782-5

00:00:51.544 --> 00:00:54.938

speaker that's going to be

coming on at 2:30. Doctor

e7fe453f-46ec-4c5a-89ff-bd94ff672782-6

00:00:54.938 --> 00:00:59.037

Dietrich Dietrich from the Miami

Cure for paralysis is going to

e7fe453f-46ec-4c5a-89ff-bd94ff672782-7

00:00:59.037 --> 00:01:00.830

be speaking to the group on.

9fef77d6-7046-4a72-8363-dab5e72917a0-0

00:01:01.280 --> 00:01:02.300

Updates.

575323b7-53bb-4147-b504-f85ace31c49b-0

00:01:03.010 --> 00:01:06.310

And the research that they've  
been doing and at the project.

963a4ed9-12b8-45fa-be8d-661e6cdcdbee-0

00:01:07.310 --> 00:01:11.978

So again, welcome everybody. And

Kim, if you would be so kind as

963a4ed9-12b8-45fa-be8d-661e6cdcdbee-1

00:01:11.978 --> 00:01:15.570

to take roll call, I'd

appreciate it, absolutely.

304000f6-5018-4eb1-a2a2-4e45ea04a944-0

00:01:16.360 --> 00:01:20.350

Hope everyone had a good lunch.

Alright. It's starting Natalie

304000f6-5018-4eb1-a2a2-4e45ea04a944-1

00:01:20.350 --> 00:01:20.730

Alden.

7ec229d6-34bf-4f7b-b634-0cd5b1dfa03d-0

00:01:23.470 --> 00:01:27.660

OK. Kevin Mullen, present. Sorry

I couldn't do my thing fast.

04cbf1ad-701e-430e-9830-c83deabebd44-0

00:01:29.370 --> 00:01:32.460

I'll give it a longer period.

OK, Kevin Mullin.

b203b0ec-1d39-4472-b360-3877a5bcf771-0

00:01:36.360 --> 00:01:37.920

Doctor Rhonda Ross.

e24787e6-72a7-4c6c-9c05-57229b36d7ac-0

00:01:39.570 --> 00:01:40.230

President.

2e0bf78a-f692-4704-b57b-2d3d0c34284c-0

00:01:40.940 --> 00:01:43.470

Thank you. Jennifer Iannoni.

0f39c8df-1006-45de-8682-f4c3dd4ebd88-0

00:01:44.900 --> 00:01:45.450

Present.

e6595842-107f-4bdb-8aaa-263c5a0db5da-0

00:01:47.140 --> 00:01:48.390

Daniel Nicholson.

efdda874-ffb2-4ff9-9bf9-e5e552001193-0

00:01:51.980 --> 00:01:53.310

Jeffrey secure.

8cacc9c4-0bff-414d-afff-02a43c63bc04-0

00:01:54.530 --> 00:01:56.490

President, thank you.

b758f36f-7330-46b6-96ef-8745da6c2a74-0

00:01:57.440 --> 00:01:59.290

Richard Zeidman present.

5c071b37-51d8-4375-af4a-942a88777146-0

00:02:00.120 --> 00:02:00.740

Thank you.

9c362cac-9231-4018-83e0-ab56f93f2056-0

00:02:01.690 --> 00:02:02.640

Michael fada.

5580d879-860d-489e-a68f-61d11962a009-0

00:02:06.600 --> 00:02:08.010

Madonna stotsenberg.

9ce0b853-31fe-4991-a584-1da61f335b71-0

00:02:09.310 --> 00:02:09.750

Present.

f383e6d3-3ccf-45f8-b8e6-7b023229974c-0

00:02:10.590 --> 00:02:11.230

Thank you.

836fdd77-f57c-4604-a984-c266832ec974-0

00:02:12.800 --> 00:02:13.930

Jill olenick.

9fb36ade-8311-4de6-bafd-479e41438d70-0

00:02:17.970 --> 00:02:20.360

OK, doctor Brian Higdon.

3a395e8e-2ad4-454a-9c26-1ea91c0eaf68-0

00:02:24.590 --> 00:02:25.960

Suzanne doswell.

20929983-b0b3-4d27-9638-42e4d0b4cfa7-0

00:02:29.480 --> 00:02:31.210

And Ruth Ann Tattersall.

fdf30776-6011-4552-a4fb-4a4c9c34e226-0

00:02:32.350 --> 00:02:32.910

Present.

34642753-dd46-42aa-99cd-c67ba9dfbb1d-0

00:02:35.430 --> 00:02:40.870

OK, so we have a quorum today.

We have nine members.

d78d595f-8476-41cf-805a-e09c43435ba8-0

00:02:41.750 --> 00:02:46.337

Um on the meeting. So we do have  
a quorum. So with that in the

d78d595f-8476-41cf-805a-e09c43435ba8-1

00:02:46.337 --> 00:02:50.998

e-mail that you all received or  
to the calendar invite were the

d78d595f-8476-41cf-805a-e09c43435ba8-2

00:02:50.998 --> 00:02:55.294

minutes from our last court

Council meeting on April 21st.

d78d595f-8476-41cf-805a-e09c43435ba8-3

00:02:55.294 --> 00:02:59.227

If I could hear a motion to

approve or if there's any

d78d595f-8476-41cf-805a-e09c43435ba8-4

00:02:59.227 --> 00:03:02.139

questions, corrections that are

needed.

05d17e49-0c9d-4805-a643-cfb61292e5a0-0

00:03:03.910 --> 00:03:05.090

I'll make a motion to approval.

a494fa00-1e78-4dbd-a608-786ae832f7e6-0

00:03:07.470 --> 00:03:08.840

And that was Natalie.

38401390-8308-475d-ac6a-b8f84cfff656-0

00:03:10.050 --> 00:03:11.710

Yes, and who was?

8a792e4d-e4ae-403c-82a3-29dff56688a0-0

00:03:12.880 --> 00:03:14.770

Ricky is second, OK.

15398371-14cd-4565-b16d-07594099dc40-0

00:03:16.130 --> 00:03:20.880

Uh, All in all in favor. Aye.

Aye, aye. Alright, alright. Uh

15398371-14cd-4565-b16d-07594099dc40-1

00:03:20.880 --> 00:03:24.930

minutes for April 21st or then

approved. Thank you.

1b21e02b-af69-4843-a4d2-050d2ef0023b-0

00:03:27.650 --> 00:03:32.600

We'll move right into um program

updates. Uh, we have new no new

1b21e02b-af69-4843-a4d2-050d2ef0023b-1

00:03:32.600 --> 00:03:37.550

council members to introduce at

this session, but perhaps at our

1b21e02b-af69-4843-a4d2-050d2ef0023b-2

00:03:37.550 --> 00:03:42.501

next meeting that is tentatively

being scheduled for April again



1b21e02b-af69-4843-a4d2-050d2ef0023b-3

00:03:42.501 --> 00:03:47.070

of 2023. We do have for the  
vacancies that you have on your

1b21e02b-af69-4843-a4d2-050d2ef0023b-4

00:03:47.070 --> 00:03:51.944

agenda. We do have applications  
for two professionals. There is

1b21e02b-af69-4843-a4d2-050d2ef0023b-5

00:03:51.944 --> 00:03:56.666

still one spinal cord injury  
survivor or family member that's

1b21e02b-af69-4843-a4d2-050d2ef0023b-6

00:03:56.666 --> 00:03:57.200

vacant.

20c6e6b4-3314-464b-b4fa-64e905c81307-0

00:03:57.280 --> 00:04:02.093

While I was at lunch, I see I  
did receive um an e-mail

20c6e6b4-3314-464b-b4fa-64e905c81307-1

00:04:02.093 --> 00:04:06.820

questioning on how to apply for  
member for a Council.

f36a1181-b0a6-420d-8054-0550efa4f5a6-0

00:04:07.980 --> 00:04:11.712

I'm sorry for the vacancy, for  
our Council, and you can

f36a1181-b0a6-420d-8054-0550efa4f5a6-1

00:04:11.712 --> 00:04:15.977

actually go out to the brain and  
spinal cord injury website and

f36a1181-b0a6-420d-8054-0550efa4f5a6-2

00:04:15.977 --> 00:04:19.776

go to the section for Advisory  
Council and online is the

f36a1181-b0a6-420d-8054-0550efa4f5a6-3

00:04:19.776 --> 00:04:23.508

application that they can  
download and fill out or they

f36a1181-b0a6-420d-8054-0550efa4f5a6-4

00:04:23.508 --> 00:04:27.773

can fill it out online. If you  
have any problems getting to the

f36a1181-b0a6-420d-8054-0550efa4f5a6-5

00:04:27.773 --> 00:04:31.905

website, just give me a holler

and I can assist with that and

f36a1181-b0a6-420d-8054-0550efa4f5a6-6

00:04:31.905 --> 00:04:36.037

walk you through on how to get  
there or send you the the link

f36a1181-b0a6-420d-8054-0550efa4f5a6-7

00:04:36.037 --> 00:04:38.769

in an e-mail to make it a little  
easier.

adbacbf4-4497-4195-8397-a98b0fee68f2-0

00:04:38.870 --> 00:04:42.812

The reason we have a spinal cord  
injury survivor and family

adbacbf4-4497-4195-8397-a98b0fee68f2-1

00:04:42.812 --> 00:04:46.426

member vacancy is Marsha  
Martino, who was previously a

adbacbf4-4497-4195-8397-a98b0fee68f2-2

00:04:46.426 --> 00:04:49.120

member, had to resign from her  
position.

7b760169-5b55-44c1-a1e5-89d0f35cdb5d-0

00:04:50.410 --> 00:04:56.095

So we were sad to see her go. I  
did attach to today's agendas.

7b760169-5b55-44c1-a1e5-89d0f35cdb5d-1

00:04:56.095 --> 00:05:01.600

Also another document that shows  
all of the current members.

7706b8f3-b888-4ece-ae4d-f8382b556440-0

00:05:02.240 --> 00:05:05.638

Their positions uh and their  
term begin dates and end dates,

7706b8f3-b888-4ece-ae4d-f8382b556440-1

00:05:05.638 --> 00:05:08.090

so everybody has a current  
listing of that.

96e232bb-65b8-461c-b7c3-f2ba2255db35-0

00:05:09.300 --> 00:05:11.890

And on there, there you'll also  
see the vacancies.

b48f95f4-ccce-40da-9671-1ffdd9b4bf03-0

00:05:13.140 --> 00:05:16.750

Next on the agenda, we're gonna  
go over um.

d78a5968-b426-4464-a839-6ac9b03ba3c5-0

00:05:17.510 --> 00:05:21.934

The regional updates and I'm  
first going to start out with uh

d78a5968-b426-4464-a839-6ac9b03ba3c5-1

00:05:21.934 --> 00:05:25.859

again. You have another  
attachment in your e-mail that

d78a5968-b426-4464-a839-6ac9b03ba3c5-2

00:05:25.859 --> 00:05:29.855

is regarding our weekly  
caseload. It's a current report

d78a5968-b426-4464-a839-6ac9b03ba3c5-3

00:05:29.855 --> 00:05:30.070

of.

95a46ff7-a90d-4153-8bbf-1fab28af5b38-0

00:05:30.920 --> 00:05:35.417

Excuse me? Our weekly caseload.

It's a statistic report that I

95a46ff7-a90d-4153-8bbf-1fab28af5b38-1

00:05:35.417 --> 00:05:39.486

get every week. The RIMS  
coordinator actually pulls this

95a46ff7-a90d-4153-8bbf-1fab28af5b38-2

00:05:39.486 --> 00:05:43.626

for me every week. So the, the  
attachment that I have for

95a46ff7-a90d-4153-8bbf-1fab28af5b38-3

00:05:43.626 --> 00:05:48.266

today's meeting is from Tuesday,  
October 11th to Monday, October

95a46ff7-a90d-4153-8bbf-1fab28af5b38-4

00:05:48.266 --> 00:05:52.692

17th. And if you look at that,  
it will tell you the number of

95a46ff7-a90d-4153-8bbf-1fab28af5b38-5

00:05:52.692 --> 00:05:57.046

referrals received last week  
were 50. The number of eligible

95a46ff7-a90d-4153-8bbf-1fab28af5b38-6

00:05:57.046 --> 00:06:01.330

applicants enrolled into the  
program. That means they were.

75ad6d7b-0a1b-459a-8da8-251830d54a4d-0

00:06:01.420 --> 00:06:02.140

Um.

f4176fda-40bf-4bcc-815f-e758f71c76ef-0

00:06:03.250 --> 00:06:06.642

Determined eligible for our  
program and moved to what we

f4176fda-40bf-4bcc-815f-e758f71c76ef-1

00:06:06.642 --> 00:06:09.380

call in service as a status,  
there were five.

ce56f776-6a26-47ff-8b36-d95b99d97980-0

00:06:10.520 --> 00:06:14.673

Closures last week, we had 26  
applicants that were closed and

ce56f776-6a26-47ff-8b36-d95b99d97980-1

00:06:14.673 --> 00:06:18.826

we had seven in service clients  
that were closed as community

ce56f776-6a26-47ff-8b36-d95b99d97980-2

00:06:18.826 --> 00:06:22.913

reintegration. The applicants  
that were closed. I can't tell

ce56f776-6a26-47ff-8b36-d95b99d97980-3

00:06:22.913 --> 00:06:27.200

you today, this was brought up  
in this morning sessions for the

ce56f776-6a26-47ff-8b36-d95b99d97980-4

00:06:27.200 --> 00:06:29.880

exact reasons why they did not  
qualify.

2c65e0e4-82fe-4e80-ab54-f7972771b3c6-0

00:06:31.520 --> 00:06:37.170

Um, the following caseload  
statistics from for Monday,

2c65e0e4-82fe-4e80-ab54-f7972771b3c6-1

00:06:37.170 --> 00:06:43.848

October 17th. We currently have  
656 clients enrolled as eligible

2c65e0e4-82fe-4e80-ab54-f7972771b3c6-2

00:06:43.848 --> 00:06:45.389

in the program.

8d0aff79-9c99-4213-8fa8-3c8b94c14adf-0

00:06:46.140 --> 00:06:51.730

And to date, we have served to  
779 clients total.

b62ab68c-3a87-4d20-b28f-2986d677d572-0

00:06:52.430 --> 00:06:55.334

So I just wanted to go over  
that. Anybody have any questions



b62ab68c-3a87-4d20-b28f-2986d677d572-1

00:06:55.334 --> 00:06:56.430

about those statistics?

099a95e4-b1eb-497f-81ee-f6788169efed-0

00:06:59.620 --> 00:07:04.772

OK. Then we're gonna move right

along. And um, you also have the

099a95e4-b1eb-497f-81ee-f6788169efed-1

00:07:04.772 --> 00:07:09.370

usual attachments of the

applicant reports and in service

099a95e4-b1eb-497f-81ee-f6788169efed-2

00:07:09.370 --> 00:07:14.523

reports. I have quarter four of

last year's state year 2122 that

099a95e4-b1eb-497f-81ee-f6788169efed-3

00:07:14.523 --> 00:07:19.280

I attached. And I also have the

first quarter of this year.

e18d141c-c936-4ad1-aa0d-29fe02f185a4-0

00:07:19.960 --> 00:07:23.589

For applicants and in service UM

that you can look at, I'm not

e18d141c-c936-4ad1-aa0d-29fe02f185a4-1

00:07:23.589 --> 00:07:27.045

going to go over those numbers.

I'm not going to read those

e18d141c-c936-4ad1-aa0d-29fe02f185a4-2

00:07:27.045 --> 00:07:30.559

numbers, but as you look at

those documents, if you have any

e18d141c-c936-4ad1-aa0d-29fe02f185a4-3

00:07:30.559 --> 00:07:34.130

questions, either the regional

managers may be able to answer

e18d141c-c936-4ad1-aa0d-29fe02f185a4-4

00:07:34.130 --> 00:07:37.644

some of those questions or I

will as they give their updates

e18d141c-c936-4ad1-aa0d-29fe02f185a4-5

00:07:37.644 --> 00:07:41.158

with the regions. If you have

any questions at that time for

e18d141c-c936-4ad1-aa0d-29fe02f185a4-6

00:07:41.158 --> 00:07:44.787

that manager, please speak to it

then. So we're going to start

e18d141c-c936-4ad1-aa0d-29fe02f185a4-7

00:07:44.787 --> 00:07:47.955

with region 1, which is

Jacksonville and that regional

e18d141c-c936-4ad1-aa0d-29fe02f185a4-8

00:07:47.955 --> 00:07:50.489

manager is Beth Collins and

she's going to.

84a170c2-5442-40ef-8606-83753fb6f3e6-0

00:07:50.560 --> 00:07:54.380

Provide you just a brief

overview of what her region's

84a170c2-5442-40ef-8606-83753fb6f3e6-1

00:07:54.380 --> 00:07:57.020

been up to and anything new. So

Beth.

85cf1f20-620a-48f8-9def-beed75419002-0

00:08:00.060 --> 00:08:00.900

Good afternoon.

5403ffd1-ab36-4784-ab8a-c4897d962243-0

00:08:01.890 --> 00:08:07.193

Um, OK, so I'm going to try to

go through this quickly. Um,

5403ffd1-ab36-4784-ab8a-c4897d962243-1

00:08:07.193 --> 00:08:12.496

Region one is North Florida. My  
region covers Jacksonville,

5403ffd1-ab36-4784-ab8a-c4897d962243-2

00:08:12.496 --> 00:08:17.977

Gainesville area, Tallahassee  
and Pensacola and everything in

5403ffd1-ab36-4784-ab8a-c4897d962243-3

00:08:17.977 --> 00:08:22.220

between. All of those areas. It  
is 33 counties.

6c8c1398-d0cc-4d2a-939d-e6ca06425345-0

00:08:23.720 --> 00:08:28.663

And I have nine staff members  
that report to me 6 case

6c8c1398-d0cc-4d2a-939d-e6ca06425345-1

00:08:28.663 --> 00:08:31.450

managers and three rehab techs.

f55883d5-39fd-4ac5-9f13-17d419b442af-0

00:08:32.290 --> 00:08:32.920

Umm.

16b24299-ff06-42dd-ba97-bf589e674294-0

00:08:35.070 --> 00:08:41.674

So included in that our our  
staff work with approximately 55

16b24299-ff06-42dd-ba97-bf589e674294-1

00:08:41.674 --> 00:08:44.490

facilities and or vendors.

b4c23539-0994-466a-b6ff-554898e1f78c-0

00:08:45.460 --> 00:08:50.121

And referral facilities on a  
consistent basis and we have

b4c23539-0994-466a-b6ff-554898e1f78c-1

00:08:50.121 --> 00:08:54.943

close communication with the  
referral agencies of course or

b4c23539-0994-466a-b6ff-554898e1f78c-2

00:08:54.943 --> 00:08:58.560

facilities during eligibility  
determination.

3b86e6e9-977b-4083-97f8-25b8bda44304-0

00:08:59.520 --> 00:09:00.160

Um.

b006a915-d5ea-458e-8381-7e9c9f151a25-0

00:09:01.480 --> 00:09:06.268

Most recently as far as in  
services, we had one of our

b006a915-d5ea-458e-8381-7e9c9f151a25-1

00:09:06.268 --> 00:09:11.578

construction vendors that's  
expanding up into North Florida.

b006a915-d5ea-458e-8381-7e9c9f151a25-2

00:09:11.578 --> 00:09:16.801

They've already been working  
with some of our other regions

b006a915-d5ea-458e-8381-7e9c9f151a25-3

00:09:16.801 --> 00:09:17.150

and.

d5b77162-f154-466b-9688-f730db2aaad4-0

00:09:18.350 --> 00:09:23.116

Lower in the state, UM, but did  
an in service with my staff.

d5b77162-f154-466b-9688-f730db2aaad4-1

00:09:23.116 --> 00:09:27.805

They're expanding up in this  
area and hopefully going to be

d5b77162-f154-466b-9688-f730db2aaad4-2

00:09:27.805 --> 00:09:32.884

able to help us out with some of  
those in between areas that are

d5b77162-f154-466b-9688-f730db2aaad4-3

00:09:32.884 --> 00:09:38.042

sometimes a little bit difficult  
to service for construction type

d5b77162-f154-466b-9688-f730db2aaad4-4

00:09:38.042 --> 00:09:38.980

of services.

d07887ef-b3e1-4295-8768-af87b7412f56-0

00:09:40.280 --> 00:09:41.050

Um.

02f30e42-6cc4-47c4-9ebb-fc7eea3d9fc7-0

00:09:42.660 --> 00:09:47.640

I have a couple of in services  
planned um that we're doing for

02f30e42-6cc4-47c4-9ebb-fc7eea3d9fc7-1

00:09:47.640 --> 00:09:48.510

facilities.

f8f74c09-260f-4c25-84d7-75c1cb773c94-0

00:09:50.480 --> 00:09:54.957

Authorization and billing and

services planned over the next

f8f74c09-260f-4c25-84d7-75c1cb773c94-1

00:09:54.957 --> 00:09:59.362

couple of months, one for our  
facilities in Tallahassee and

f8f74c09-260f-4c25-84d7-75c1cb773c94-2

00:09:59.362 --> 00:10:03.546

Jacksonville and then some  
referral and services, one in

f8f74c09-260f-4c25-84d7-75c1cb773c94-3

00:10:03.546 --> 00:10:07.216

Pensacola and one in  
Jacksonville. Those will all

f8f74c09-260f-4c25-84d7-75c1cb773c94-4

00:10:07.216 --> 00:10:10.300

four be completed by the end of  
the year.

6732a901-c8ff-42fc-83f7-e8cb564ad23c-0

00:10:11.800 --> 00:10:12.480

Umm.

a3d1654c-e72e-4514-a092-7cd0455d35ab-0

00:10:14.080 --> 00:10:20.364

So now we usually talk about a



case, um, and this time I have

a3d1654c-e72e-4514-a092-7cd0455d35ab-1

00:10:20.364 --> 00:10:20.770

one.

bfc90264-5067-4634-a664-b507cf00acc5-0

00:10:23.090 --> 00:10:27.636

This client is um, he was 50  
year old male, injured in

bfc90264-5067-4634-a664-b507cf00acc5-1

00:10:27.636 --> 00:10:32.678

October of 21. So he's been in  
service for a little bit now.

bfc90264-5067-4634-a664-b507cf00acc5-2

00:10:32.678 --> 00:10:37.886

We're about a year out from his  
injury. It was a motor vehicle

bfc90264-5067-4634-a664-b507cf00acc5-3

00:10:37.886 --> 00:10:38.630

accident.

3776958d-565c-4772-8dd8-0c9de214577b-0

00:10:39.380 --> 00:10:44.428

And prior to his injury, he was  
independent for all activities

3776958d-565c-4772-8dd8-0c9de214577b-1

00:10:44.428 --> 00:10:48.836

of daily Living College degree

and had worked as an IT

3776958d-565c-4772-8dd8-0c9de214577b-2

00:10:48.836 --> 00:10:50.760

consultant for 10 years.

c9975aec-ed75-4f52-adf5-1db29cb8f9a8-0

00:10:51.850 --> 00:10:55.630

He was a contractor, so at that

moment in time when he had his

c9975aec-ed75-4f52-adf5-1db29cb8f9a8-1

00:10:55.630 --> 00:10:59.290

accident, he was in between

contracts actually on his way to

c9975aec-ed75-4f52-adf5-1db29cb8f9a8-2

00:10:59.290 --> 00:11:02.710

do pre employment screenings

when the accident occurred.

777e31aa-aebe-438c-8663-9c2bdd784cb7-0

00:11:04.090 --> 00:11:04.840

Um.

fc953d1e-b9e4-47b3-9b9a-671b745a16be-0

00:11:05.840 --> 00:11:08.610

He sustained a traumatic C4 SCI.

ccc439f7-3cb6-44a5-bd2f-7372226eb308-0

00:11:09.780 --> 00:11:15.141

Upon admission, he was found to  
have a complete spinal cord

ccc439f7-3cb6-44a5-bd2f-7372226eb308-1

00:11:15.141 --> 00:11:20.682

injury lesions at C5 through C7  
and dissection of the carotid

ccc439f7-3cb6-44a5-bd2f-7372226eb308-2

00:11:20.682 --> 00:11:23.810

artery, resulting in  
quadriplegia.

8567a7d0-acd6-4e34-a581-e20b4f1c321d-0

00:11:25.520 --> 00:11:29.881

The client had many  
complications throughout the

8567a7d0-acd6-4e34-a581-e20b4f1c321d-1

00:11:29.881 --> 00:11:35.222

extended hospitalization there  
for about 11 weeks and after

8567a7d0-acd6-4e34-a581-e20b4f1c321d-2

00:11:35.222 --> 00:11:41.097

that time he did. He was able to  
discharge to inpatient rehab for

8567a7d0-acd6-4e34-a581-e20b4f1c321d-3

00:11:41.097 --> 00:11:41.810

30 days.

d57d06cf-210d-4fa5-8c1e-21f1c8cf7bcc-0

00:11:43.300 --> 00:11:48.726

At that point, he discharged to  
his parents home, which is in a

d57d06cf-210d-4fa5-8c1e-21f1c8cf7bcc-1

00:11:48.726 --> 00:11:49.150

very.

3a59674f-fbce-47c4-87b2-46ee0b823dc7-0

00:11:50.010 --> 00:11:55.772

Rural area of our region, very  
limited services just very,

3a59674f-fbce-47c4-87b2-46ee0b823dc7-1

00:11:55.772 --> 00:12:01.633

very, very many limitations in  
that area. So that's kind of

3a59674f-fbce-47c4-87b2-46ee0b823dc7-2

00:12:01.633 --> 00:12:03.880

where the story starts.

e62c4d82-9b7f-4794-a037-8772f4bbfa4a-0

00:12:04.700 --> 00:12:05.310

Umm.

96c205a9-2d38-4220-8266-04bdbc8c749d-0

00:12:06.000 --> 00:12:09.080

Throughout this time, which has  
been since.

81991d5c-9d88-43b0-b415-b1cb46cd2439-0

00:12:10.220 --> 00:12:13.880

The end of January. So February  
going forward.

9bafb34f-dd84-4367-b351-c27594ec1519-0

00:12:15.480 --> 00:12:19.340

The case manager and rehab tech  
that have worked on this case.

dc910f3b-005c-4043-b626-f651c775c68d-0

00:12:20.870 --> 00:12:25.401

What the the big take away? I  
guess what I want you guys to

dc910f3b-005c-4043-b626-f651c775c68d-1

00:12:25.401 --> 00:12:27.440

know about the case is yes.

1a98ab11-a46a-4c01-ae08-a25c3d03956e-0

00:12:28.340 --> 00:12:29.110

We have.

ab44d43b-d0eb-4cb7-b4a0-8901b4780d90-0

00:12:29.760 --> 00:12:32.050

Provided a few services for this  
client.

4fb80c40-d980-4485-b491-5c5e6b783242-0

00:12:32.740 --> 00:12:33.290

Umm.

9fe153c5-a380-4266-ba42-d779f9cd57d7-0

00:12:34.100 --> 00:12:37.982

In terms of money, mostly  
because, um, a few things that

9fe153c5-a380-4266-ba42-d779f9cd57d7-1

00:12:37.982 --> 00:12:42.138

insurance would not cover, he  
due to his physical size, even

9fe153c5-a380-4266-ba42-d779f9cd57d7-2

00:12:42.138 --> 00:12:45.612

though they were deemed  
medically necessary. So we

9fe153c5-a380-4266-ba42-d779f9cd57d7-3

00:12:45.612 --> 00:12:49.767

filled in some gaps there. Not a  
whole lot of money has been

9fe153c5-a380-4266-ba42-d779f9cd57d7-4

00:12:49.767 --> 00:12:51.130

spent at this point.

4c3d3dfe-b934-4d0f-85fd-76041b570780-0

00:12:51.800 --> 00:12:52.360

But.

138a9b5d-7183-4e75-965b-40a1eb0a861c-0

00:12:53.000 --> 00:12:53.990

The time.

251b5b22-e8b8-4ca7-9baa-3bd42bfc2b9d-0

00:12:54.750 --> 00:12:59.831

Energy effort not only on our  
side, the case manager and rehab

251b5b22-e8b8-4ca7-9baa-3bd42bfc2b9d-1

00:12:59.831 --> 00:13:04.510

tech, but the family as well.

They've worked really hard.

2850926c-e2fd-40db-8c08-6dd6055331e6-0

00:13:06.150 --> 00:13:10.068

It would be boring if I went  
through and, you know,

2850926c-e2fd-40db-8c08-6dd6055331e6-1

00:13:10.068 --> 00:13:14.590

calculated all of the hours and  
time that has gone into the

2850926c-e2fd-40db-8c08-6dd6055331e6-2

00:13:14.590 --> 00:13:19.036

case, you know, trying to  
exhaust all other resources. But

2850926c-e2fd-40db-8c08-6dd6055331e6-3

00:13:19.036 --> 00:13:21.900

that is really the take away is  
that.

8bdfdfb1-1527-46ec-9164-8f979c9d393d-0

00:13:22.580 --> 00:13:27.211

We have put a lot into this  
case. I think that is our most

8bdfdfb1-1527-46ec-9164-8f979c9d393d-1

00:13:27.211 --> 00:13:31.764

essential service is case  
management that gets overlooked



8bdfdfb1-1527-46ec-9164-8f979c9d393d-2

00:13:31.764 --> 00:13:32.550

sometimes.

5687cdb2-9664-4c34-a5b3-a668e464a52e-0

00:13:33.460 --> 00:13:37.258

Um, but there's, you know, we  
are in the process of working on

5687cdb2-9664-4c34-a5b3-a668e464a52e-1

00:13:37.258 --> 00:13:39.670

a vehicle modification for this  
client.

e9ff8de1-a282-4794-8028-3f44bf2d5b6b-0

00:13:40.840 --> 00:13:45.767

Mostly because it is the only  
way that the client is going to

e9ff8de1-a282-4794-8028-3f44bf2d5b6b-1

00:13:45.767 --> 00:13:48.470

be able to participate, which  
he.

7d5ef5d6-c30e-4522-9933-805f758ca58b-0

00:13:49.150 --> 00:13:54.114

Is so excited about he is, you  
know, really, really advocated

7d5ef5d6-c30e-4522-9933-805f758ca58b-1

00:13:54.114 --> 00:13:58.518

for himself and wanting to  
attend physical therapy and

7d5ef5d6-c30e-4522-9933-805f758ca58b-2

00:13:58.518 --> 00:14:00.200

occupational therapy.

7703b555-a103-42a0-aaee-a68f43fd133b-0

00:14:01.020 --> 00:14:05.353

And has not been able to do  
that. Um through outpatient

7703b555-a103-42a0-aaee-a68f43fd133b-1

00:14:05.353 --> 00:14:06.050

services.

3af691c1-6b22-4547-908f-321d8edf9f41-0

00:14:07.050 --> 00:14:10.630

Due to not having access um,  
there is.

2598b4e7-5fce-4b76-a992-5a92401d1740-0

00:14:11.770 --> 00:14:16.584

One provider, the A  
transportation provider in the

2598b4e7-5fce-4b76-a992-5a92401d1740-1

00:14:16.584 --> 00:14:21.870

county. It's a very large  
county, but very rural and it

2598b4e7-5fce-4b76-a992-5a92401d1740-2

00:14:21.870 --> 00:14:22.720

has just.

1c11ac51-0913-4d14-9323-5692da26414f-0

00:14:23.520 --> 00:14:28.445

Failed. Failed the family. He  
requires, you know, certain

1c11ac51-0913-4d14-9323-5692da26414f-1

00:14:28.445 --> 00:14:33.370

there's certain requirements  
that he needs. And you know,

1c11ac51-0913-4d14-9323-5692da26414f-2

00:14:33.370 --> 00:14:37.955

just if transportation is  
running two hours late, you

1c11ac51-0913-4d14-9323-5692da26414f-3

00:14:37.955 --> 00:14:42.456

know, you missed your  
appointment. And that's that's

1c11ac51-0913-4d14-9323-5692da26414f-4

00:14:42.456 --> 00:14:47.551

been some of the struggles the  
family worked really hard to

1c11ac51-0913-4d14-9323-5692da26414f-5

00:14:47.551 --> 00:14:49.250

find a vehicle that.

a9303d0d-6541-4084-b6e9-ea17077919e9-0

00:14:49.910 --> 00:14:54.333

You know, they could afford got,  
you know, working to get the

a9303d0d-6541-4084-b6e9-ea17077919e9-1

00:14:54.333 --> 00:14:58.827

financing right, all of that, so  
that we could, you know, come

a9303d0d-6541-4084-b6e9-ea17077919e9-2

00:14:58.827 --> 00:15:02.965

in, step in and assist with  
what, you know, modifications

a9303d0d-6541-4084-b6e9-ea17077919e9-3

00:15:02.965 --> 00:15:05.890

and everything that are needed  
for this.

169bc845-e4e6-4c66-8788-ebbfa0a817cc-0

00:15:06.530 --> 00:15:11.430

Vehicle for you know, to meet  
the needs of the client. So yes,

169bc845-e4e6-4c66-8788-ebbfa0a817cc-1

00:15:11.430 --> 00:15:16.253

we are going to provide kind of  
a big ticket item. But like I

169bc845-e4e6-4c66-8788-ebbfa0a817cc-2

00:15:16.253 --> 00:15:19.520

said, I think the real take away  
here is.

4b6beb1e-2ef6-4344-b102-a1755feb4346-0

00:15:20.390 --> 00:15:25.316

The time and energy and actual  
case management that has really

4b6beb1e-2ef6-4344-b102-a1755feb4346-1

00:15:25.316 --> 00:15:26.880

gone into this case.

714003a9-bdc8-44d2-9782-67ef44ddf941-0

00:15:29.190 --> 00:15:30.230

I have um.

880fa8f0-2500-4671-93ec-875ccfd4bfb9-0

00:15:30.950 --> 00:15:31.900

Natalie, I think.

25dbfeea-690f-47e3-91a2-a690c86ccd8d-0

00:15:32.970 --> 00:15:37.090

So the vehicle that they they  
purchased the vehicle correct.

709d74fc-a932-47ab-801a-5c1ec10e7d5a-0

00:15:37.950 --> 00:15:38.270

Yes.

6c6ffd83-ac86-42a6-90c4-68a688981512-0

00:15:39.310 --> 00:15:42.200

And so it was it, a brand new  
vehicle.

379beae3-856a-4826-aac0-e8457db33d6b-0

00:15:43.270 --> 00:15:48.349

No, the the family could not  
afford a brand new vehicle it so

379beae3-856a-4826-aac0-e8457db33d6b-1

00:15:48.349 --> 00:15:53.429

it it it's a couple years old  
and you know that again that is

379beae3-856a-4826-aac0-e8457db33d6b-2

00:15:53.429 --> 00:15:55.149

that was some of the.

875052e1-91f7-45b9-bfb4-02c05a4fe8aa-0

00:15:56.220 --> 00:16:01.007

Kind of exhaustive time that  
went into this, um and you

875052e1-91f7-45b9-bfb4-02c05a4fe8aa-1

00:16:01.007 --> 00:16:04.000

provided you provided just a  
lift.

d8d86f1f-1052-484a-b63d-d92393552a5c-0

00:16:05.480 --> 00:16:09.521

The Yeah, the specific  
modifications that you know are

d8d86f1f-1052-484a-b63d-d92393552a5c-1

00:16:09.521 --> 00:16:14.003

required for it, he he has to  
actually be transported in his

d8d86f1f-1052-484a-b63d-d92393552a5c-2

00:16:14.003 --> 00:16:18.117

chair. So, you know, lowered  
floor, all of that kind of

d8d86f1f-1052-484a-b63d-d92393552a5c-3

00:16:18.117 --> 00:16:22.893

stuff. It's a it's a van. So. So

the only concern I have on that

d8d86f1f-1052-484a-b63d-d92393552a5c-4

00:16:22.893 --> 00:16:27.595

is that and just being somebody

who uses an adaptive vehicle is

d8d86f1f-1052-484a-b63d-d92393552a5c-5

00:16:27.595 --> 00:16:31.490

the fact that when you allow an

older model vehicle.

41eac804-843c-4843-a330-005d0c21cb28-0

00:16:32.160 --> 00:16:38.444

That the vehicle is not going

to, um, have the life expectancy

41eac804-843c-4843-a330-005d0c21cb28-1

00:16:38.444 --> 00:16:40.140

that the ramp is.

d50cfb2a-b623-4b77-af3a-fd768533cfe7-0

00:16:41.200 --> 00:16:44.133

And that you may end up having

an issue in the future where

d50cfb2a-b623-4b77-af3a-fd768533cfe7-1

00:16:44.133 --> 00:16:46.627

they don't understand that



they're going to be and

d50cfb2a-b623-4b77-af3a-fd768533cfe7-2

00:16:46.627 --> 00:16:49.561

hopefully you're letting them  
know that they're going to be

d50cfb2a-b623-4b77-af3a-fd768533cfe7-3

00:16:49.561 --> 00:16:52.739

responsible for any repairs. And  
this and this and this. But but

d50cfb2a-b623-4b77-af3a-fd768533cfe7-4

00:16:52.739 --> 00:16:55.673

those are things that are not  
going to be transferable to a

d50cfb2a-b623-4b77-af3a-fd768533cfe7-5

00:16:55.673 --> 00:16:56.259

new vehicle.

f1025f4b-2c61-4be0-8f1d-f88b24fd8bb8-0

00:16:57.660 --> 00:16:58.850

Right. So.

530d317a-ed4f-4ddf-83ad-6fc5cd2d00de-0

00:16:59.930 --> 00:17:02.904

I I just you know, because I  
know VR standards, you know,

530d317a-ed4f-4ddf-83ad-6fc5cd2d00de-1

00:17:02.904 --> 00:17:05.724

with, with the vision of oak  
rehab, if they're doing a

530d317a-ed4f-4ddf-83ad-6fc5cd2d00de-2

00:17:05.724 --> 00:17:08.648

vehicle like that, of course  
it's going to be employment

530d317a-ed4f-4ddf-83ad-6fc5cd2d00de-3

00:17:08.648 --> 00:17:11.519

related. But if he was a  
contractor that it sounds like

530d317a-ed4f-4ddf-83ad-6fc5cd2d00de-4

00:17:11.519 --> 00:17:14.699

there's a good chance he can go  
back to being a contractor at

530d317a-ed4f-4ddf-83ad-6fc5cd2d00de-5

00:17:14.699 --> 00:17:17.878

some point. But but with him  
having this vehicle that's going

530d317a-ed4f-4ddf-83ad-6fc5cd2d00de-6

00:17:17.878 --> 00:17:20.494

to exclude him from getting

anything from VR for a

530d317a-ed4f-4ddf-83ad-6fc5cd2d00de-7

00:17:20.494 --> 00:17:23.725

predominant amount of time until

this vehicle runs itself into

530d317a-ed4f-4ddf-83ad-6fc5cd2d00de-8

00:17:23.725 --> 00:17:26.955

the ground, and I just didn't

know if any of those things were

530d317a-ed4f-4ddf-83ad-6fc5cd2d00de-9

00:17:26.955 --> 00:17:29.520

taken into consideration when

you guys are doing.

589a0d62-9889-4a4a-8252-a1ed4fd6d9a0-0

00:17:29.610 --> 00:17:33.168

Vehicle modifications like that

and and then my other question

589a0d62-9889-4a4a-8252-a1ed4fd6d9a0-1

00:17:33.168 --> 00:17:36.557

was who, who is the vehicle

registered to? Is it registered

589a0d62-9889-4a4a-8252-a1ed4fd6d9a0-2

00:17:36.557 --> 00:17:39.720

to a family member? Is it  
registered to him because you

589a0d62-9889-4a4a-8252-a1ed4fd6d9a0-3

00:17:39.720 --> 00:17:43.279

know that that can sometimes be  
a concern when you know you're

589a0d62-9889-4a4a-8252-a1ed4fd6d9a0-4

00:17:43.279 --> 00:17:46.950

you're putting modifications in  
place for something that someone

589a0d62-9889-4a4a-8252-a1ed4fd6d9a0-5

00:17:46.950 --> 00:17:50.565

does not own. And so therefore  
if the family member gets mad at

589a0d62-9889-4a4a-8252-a1ed4fd6d9a0-6

00:17:50.565 --> 00:17:54.124

him or decides to, oh, well, I'm  
just going to sell this right

589a0d62-9889-4a4a-8252-a1ed4fd6d9a0-7

00:17:54.124 --> 00:17:57.682

after you get off the program. I  
I would just, you know, and I

589a0d62-9889-4a4a-8252-a1ed4fd6d9a0-8

00:17:57.682 --> 00:17:59.489

just say that because I've seen.

24331f7a-2f0e-46f7-be42-9dd5559268ea-0

00:17:59.620 --> 00:18:02.175

All kinds of stuff, but I I

don't know if it's more of a

24331f7a-2f0e-46f7-be42-9dd5559268ea-1

00:18:02.175 --> 00:18:04.731

question or a comment, but I

just wanted to put that out

24331f7a-2f0e-46f7-be42-9dd5559268ea-2

00:18:04.731 --> 00:18:05.000

there.

7a55f543-7aab-4687-a1ac-e1e5819b2413-0

00:18:06.510 --> 00:18:13.000

Um, OK. So first, uh yes, we

absolutely go over every.

46f019cd-0ae1-4697-b6fb-f05c9ce38874-0

00:18:13.730 --> 00:18:17.548

Tiny detail of you know that

that they are taking on that

46f019cd-0ae1-4697-b6fb-f05c9ce38874-1

00:18:17.548 --> 00:18:21.037

responsibility. Like you said of  
you know, we do the

46f019cd-0ae1-4697-b6fb-f05c9ce38874-2

00:18:21.037 --> 00:18:24.855

modifications but as far as  
maintenance and you know what

46f019cd-0ae1-4697-b6fb-f05c9ce38874-3

00:18:24.855 --> 00:18:28.937

happens afterwards that that is  
their responsibility and they

46f019cd-0ae1-4697-b6fb-f05c9ce38874-4

00:18:28.937 --> 00:18:33.085

absolutely understand every bit  
of that before we ever take on

46f019cd-0ae1-4697-b6fb-f05c9ce38874-5

00:18:33.085 --> 00:18:34.270

any of these jobs.

112cd2eb-3bf4-4abf-8ebf-297e107e59b8-0

00:18:36.300 --> 00:18:40.646

And we do we I don't know about  
VR's exact you know, what their

112cd2eb-3bf4-4abf-8ebf-297e107e59b8-1

00:18:40.646 --> 00:18:44.789

qualifications are. We do have  
even though this vehicle is a

112cd2eb-3bf4-4abf-8ebf-297e107e59b8-2

00:18:44.789 --> 00:18:48.660

couple years older. When I say  
older, I believe it is a.

4d8bd7d5-ec59-474a-8c36-a8c3ca356dbb-0

00:18:49.630 --> 00:18:55.344

2015 or 16, it has about 24,000  
miles on it, very low mileage I

4d8bd7d5-ec59-474a-8c36-a8c3ca356dbb-1

00:18:55.344 --> 00:19:00.880

think, and and all of that falls  
within the criteria that our

4d8bd7d5-ec59-474a-8c36-a8c3ca356dbb-2

00:19:00.880 --> 00:19:06.059

program has set up in policies  
and procedures which we go

4d8bd7d5-ec59-474a-8c36-a8c3ca356dbb-3

00:19:06.059 --> 00:19:09.720

through before we approach any  
of these.

12b10acc-d4cc-4c56-af98-1ff73722ff6c-0

00:19:11.650 --> 00:19:16.412

So we try to make sure you know  
that this vehicle is going to

12b10acc-d4cc-4c56-af98-1ff73722ff6c-1

00:19:16.412 --> 00:19:20.944

last for a long time. We're not  
going to, you know, take a

12b10acc-d4cc-4c56-af98-1ff73722ff6c-2

00:19:20.944 --> 00:19:25.400

vehicle. I believe it, it has to  
have 50 at least 50,000.

dc5628af-8df5-43aa-ac68-d3c5f977db75-0

00:19:26.480 --> 00:19:30.572

You know usable miles left.  
However, exactly that's worded

dc5628af-8df5-43aa-ac68-d3c5f977db75-1

00:19:30.572 --> 00:19:34.941

so that we're not putting them  
in a vehicle that's going to be

dc5628af-8df5-43aa-ac68-d3c5f977db75-2

00:19:34.941 --> 00:19:37.300

broken down in a couple of  
years.



85c7e995-d067-48cc-91a3-876b9d0b94a7-0

00:19:38.630 --> 00:19:39.220

Um.

120c0ff5-414c-42a0-af8c-7a44a4d84275-0

00:19:40.080 --> 00:19:44.454

And it is registered it, we it

always has to be yes, either the

120c0ff5-414c-42a0-af8c-7a44a4d84275-1

00:19:44.454 --> 00:19:48.351

client or and you know in this

case he's not going to be

120c0ff5-414c-42a0-af8c-7a44a4d84275-2

00:19:48.351 --> 00:19:52.794

driving it. Of course it's going

to be a transportation vehicle.

120c0ff5-414c-42a0-af8c-7a44a4d84275-3

00:19:52.794 --> 00:19:55.460

So it's registered to his

father, but.

22bfef32-dea2-45a6-b932-b216c6323b7e-0

00:19:56.450 --> 00:20:00.339

I understand what you're saying,

but in this type of situation

22bfef32-dea2-45a6-b932-b216c6323b7e-1

00:20:00.339 --> 00:20:00.710

where.

3c61db50-da25-4576-a5f2-8b63155117ff-0

00:20:01.550 --> 00:20:06.168

You know, we're we're doing the

best we can. He lives with his

3c61db50-da25-4576-a5f2-8b63155117ff-1

00:20:06.168 --> 00:20:10.787

father, his father and sister

are his primary care takers. So,

3c61db50-da25-4576-a5f2-8b63155117ff-2

00:20:10.787 --> 00:20:12.620

you know, we've tried to.

f7ff5ee3-e090-4258-8834-62f2b8798f55-0

00:20:13.590 --> 00:20:17.108

Look at every aspect of that and

do the best possible thing we

f7ff5ee3-e090-4258-8834-62f2b8798f55-1

00:20:17.108 --> 00:20:18.170

can for the client.

01a3fc56-7ebd-4f74-9877-bf43d0d82908-0

00:20:19.480 --> 00:20:23.461

And I would just say just in  
case somebody doesn't know, all

01a3fc56-7ebd-4f74-9877-bf43d0d82908-1

00:20:23.461 --> 00:20:25.550

ramps require annual inspection.

4140dcc0-23d9-444f-92fd-12af926eeab4-0

00:20:26.670 --> 00:20:29.768

And so that's where they're  
going to have to go in and get

4140dcc0-23d9-444f-92fd-12af926eeab4-1

00:20:29.768 --> 00:20:32.813

it inspected and serviced  
annually. A lot of people don't

4140dcc0-23d9-444f-92fd-12af926eeab4-2

00:20:32.813 --> 00:20:36.069

do that and the ramps end up  
having malfunctions very quickly

4140dcc0-23d9-444f-92fd-12af926eeab4-3

00:20:36.069 --> 00:20:39.010

when they're not getting  
maintained on an annual basis.

fa20bbbc-69cc-4390-a261-02883fe76419-0

00:20:39.720 --> 00:20:43.222

So if that's not already in your  
stuff, then then I would make

fa20bbbc-69cc-4390-a261-02883fe76419-1

00:20:43.222 --> 00:20:46.503

sure that you're noting that  
because a lot of people, they

fa20bbbc-69cc-4390-a261-02883fe76419-2

00:20:46.503 --> 00:20:49.728

don't do the maintenance and  
then they'll go in like 3 or

fa20bbbc-69cc-4390-a261-02883fe76419-3

00:20:49.728 --> 00:20:53.286

four years later, you know, and  
then they end up having a whole

fa20bbbc-69cc-4390-a261-02883fe76419-4

00:20:53.286 --> 00:20:54.509

bunch of other issues.

83a66828-fa08-4829-ba3b-a060dd0c4021-0

00:20:55.580 --> 00:20:58.070

And then it gets costly. Then it  
gets really, really costly.

d635f0e2-47bd-4698-84c6-3cbf5e8b9f49-0

00:21:00.790 --> 00:21:01.340

Yes, ma'am.

30ac5d55-9b99-47bb-adad-36fa868c1807-0

00:21:03.970 --> 00:21:05.640

Any other questions?

f81b0262-ac1e-408e-a947-18ceb9794111-0

00:21:09.430 --> 00:21:13.505

Thank you, Natalie. You always  
have some of the best feedback

f81b0262-ac1e-408e-a947-18ceb9794111-1

00:21:13.505 --> 00:21:17.581

and I, I appreciate hearing  
it. Thank you. Beth Um Region 2

f81b0262-ac1e-408e-a947-18ceb9794111-2

00:21:17.581 --> 00:21:21.526

is Gemma best Smith. She's the  
region manager and she'll be

f81b0262-ac1e-408e-a947-18ceb9794111-3

00:21:21.526 --> 00:21:24.550

speaking next. And she is the  
Orlando office.

1471fdc2-bc2b-4087-965a-a508f575b82b-0

00:21:25.480 --> 00:21:28.210

Gemma. Hi. My name is Gemma.

5f63fc27-0262-4dbb-a32c-85abf85e3df6-0

00:21:29.690 --> 00:21:34.093

The Region 2, which is like 13  
counties, I have 5 case managers

5f63fc27-0262-4dbb-a32c-85abf85e3df6-1

00:21:34.093 --> 00:21:35.470

and two we have tax.

7a9155e7-04af-413e-ac2b-d5bf06af5c34-0

00:21:36.860 --> 00:21:37.280

We.

a183c043-4652-4e9c-865f-344068104892-0

00:21:37.980 --> 00:21:42.856

Schedule an in service, uh. With  
one of our Lake County Um Lake

a183c043-4652-4e9c-865f-344068104892-1

00:21:42.856 --> 00:21:47.198

Monroe. Sorry. Um, that was  
cancelled due to them having

a183c043-4652-4e9c-865f-344068104892-2

00:21:47.198 --> 00:21:51.770

some new staff on board, so we  
have. I'm waiting on the uh.

1aa1b879-8369-40d3-a7d8-7a2e8c5f068c-0

00:21:52.500 --> 00:21:56.898

Under personnel at Lake Lake

Monroe to give us a date in

1aa1b879-8369-40d3-a7d8-7a2e8c5f068c-1

00:21:56.898 --> 00:21:59.290

which to do the the in service.

ec0f945b-236c-4077-a18e-57deab0c30c0-0

00:22:00.070 --> 00:22:05.361

We did do an in service with RMC

billing department and back in

ec0f945b-236c-4077-a18e-57deab0c30c0-1

00:22:05.361 --> 00:22:10.073

July and August and we're

looking to do future schedules

ec0f945b-236c-4077-a18e-57deab0c30c0-2

00:22:10.073 --> 00:22:14.869

for like Holmes Regional and

Central Florida Regional and

ec0f945b-236c-4077-a18e-57deab0c30c0-3

00:22:14.869 --> 00:22:16.440

Lakeland County so.

45cebde0-661b-450d-acc6-aa73a4e83994-0

00:22:17.300 --> 00:22:19.250

Uh, so those will be scheduled?

d5118a4f-67fd-4c33-b811-7ac3a644e197-0

00:22:20.220 --> 00:22:25.573

I have a success story. Um, this  
was a consumer who's a 22 year

d5118a4f-67fd-4c33-b811-7ac3a644e197-1

00:22:25.573 --> 00:22:30.592

old who was involved, who was  
found down on the side of the

d5118a4f-67fd-4c33-b811-7ac3a644e197-2

00:22:30.592 --> 00:22:35.360

road on responses as a result of  
a motorcycle collision.

0834a04e-325f-412a-aa9e-5b34fc0d537e-0

00:22:36.550 --> 00:22:40.229

He suffered a traumatic brain  
injury at the time of the injury

0834a04e-325f-412a-aa9e-5b34fc0d537e-1

00:22:40.229 --> 00:22:41.690

and was a Rancho Level 2.

d8da3e61-1872-4d78-aad5-f7aca7ff40fe-0

00:22:42.490 --> 00:22:46.275



He was ultimately discharged  
home three months later, still

d8da3e61-1872-4d78-aad5-f7aca7ff40fe-1

00:22:46.275 --> 00:22:50.061

at the Rancho Level 2 so bicep  
closest case, because at the

d8da3e61-1872-4d78-aad5-f7aca7ff40fe-2

00:22:50.061 --> 00:22:54.100

time his off discharge, he was  
ineligible for program services.

d9e50aea-e34d-4ac8-b58a-f982f98668ff-0

00:22:55.530 --> 00:23:00.106

So we closed them as programming  
eligible with follow up. So we

d9e50aea-e34d-4ac8-b58a-f982f98668ff-1

00:23:00.106 --> 00:23:01.250

followed him up.

135075d8-17ff-44e1-8ea4-b34d848b8e65-0

00:23:02.940 --> 00:23:04.870

Couple times before the year.

e0bc3b45-c35a-4a5f-9010-0faf54e05ce7-0

00:23:05.580 --> 00:23:09.580

And around a month before our

final um.

43f103c6-042a-4402-9bc7-30398fe0a304-0

00:23:11.150 --> 00:23:15.820

Uh. Follow up, mom called and  
said that he's eligible. She

43f103c6-042a-4402-9bc7-30398fe0a304-1

00:23:15.820 --> 00:23:20.410

thinks he's eligible. She knew  
she had to get the medical

43f103c6-042a-4402-9bc7-30398fe0a304-2

00:23:20.410 --> 00:23:25.160

eligibility screening form,  
which she did. And so we did a.

eda26c01-d6fa-4bc2-9577-9e26696d3487-0

00:23:25.940 --> 00:23:27.610

Application with them.

1f198841-87c0-4ff3-afba-5776eb213d8d-0

00:23:28.750 --> 00:23:34.628

He was in our program for six or  
seven months and at that time he

1f198841-87c0-4ff3-afba-5776eb213d8d-1

00:23:34.628 --> 00:23:36.410

did remarkably well.

9b900615-fc63-4215-93ad-f1858988f742-0

00:23:37.370 --> 00:23:43.070

And now he is. He has progressed  
significantly to the point where

9b900615-fc63-4215-93ad-f1858988f742-1

00:23:43.070 --> 00:23:43.330

he.

4bf500f9-a542-4877-a96e-2e37e586f2ed-0

00:23:44.320 --> 00:23:49.876

It's what's referred to be. Now  
he is actually working part

4bf500f9-a542-4877-a96e-2e37e586f2ed-1

00:23:49.876 --> 00:23:50.340

time.

8d9da7cc-1b3c-4f85-8b4d-28fbcd04b7be-0

00:23:51.050 --> 00:23:55.327

And um in a supermarket. So Mom  
was told before at the very

8d9da7cc-1b3c-4f85-8b4d-28fbcd04b7be-1

00:23:55.327 --> 00:23:59.390

beginning of his, when he had  
his injury that she should

8d9da7cc-1b3c-4f85-8b4d-28fbcd04b7be-2

00:23:59.390 --> 00:24:03.667

withdraw and she was adamant  
that she wasn't doing that. So

8d9da7cc-1b3c-4f85-8b4d-28fbcd04b7be-3

00:24:03.667 --> 00:24:07.872

this is a really good success  
story because now we can see

8d9da7cc-1b3c-4f85-8b4d-28fbcd04b7be-4

00:24:07.872 --> 00:24:12.435

him, his community reintegrated,  
he's able to work, even though

8d9da7cc-1b3c-4f85-8b4d-28fbcd04b7be-5

00:24:12.435 --> 00:24:14.930

he still have some minor  
deficits.

b6e8ebc9-7622-47a9-bf17-ca2a0e6747ce-0

00:24:16.950 --> 00:24:19.660

Excellent. Any questions for  
Gemma?

4fac6322-75f1-4617-b0ca-dda68331f4aa-0

00:24:22.620 --> 00:24:27.133

OK. The question on that success  
story, very, very impressive,

4fac6322-75f1-4617-b0ca-dda68331f4aa-1

00:24:27.133 --> 00:24:31.646

very good to hear. The question  
is when the gentleman was able

4fac6322-75f1-4617-b0ca-dda68331f4aa-2

00:24:31.646 --> 00:24:35.872

to go back to work and working  
in a grocery store, is that

4fac6322-75f1-4617-b0ca-dda68331f4aa-3

00:24:35.872 --> 00:24:38.810

handled through you or  
vocational rehab?

fc2ec83e-bdf1-4edd-96c0-b116753efdb6-0

00:24:39.870 --> 00:24:43.337

It was handled through  
vocational rehab because we've

fc2ec83e-bdf1-4edd-96c0-b116753efdb6-1

00:24:43.337 --> 00:24:46.996

referred him to vocational  
rehab, so now, of course, you

fc2ec83e-bdf1-4edd-96c0-b116753efdb6-2

00:24:46.996 --> 00:24:50.785

know, Mom was when Mom was

ecstatic that he was able to go

fc2ec83e-bdf1-4edd-96c0-b116753efdb6-3

00:24:50.785 --> 00:24:54.508

back to work. She let us know

that he's back to work part

fc2ec83e-bdf1-4edd-96c0-b116753efdb6-4

00:24:54.508 --> 00:24:54.830

time.

76a4e21a-1897-408a-b26b-852f4a2d7317-0

00:24:55.490 --> 00:24:58.530

So that's how we were able to

know that he went back to work.

7bc08b58-83cf-40a1-8229-d43dc5e1c0b3-0

00:25:00.560 --> 00:25:04.947

He has some minor injury, minor

deficits though, but you know, I

7bc08b58-83cf-40a1-8229-d43dc5e1c0b3-1

00:25:04.947 --> 00:25:05.690

think it's.

1d8d217c-14b4-46da-aedc-07b80e492b67-0

00:25:07.380 --> 00:25:09.170

That's a good story. Thank you.

95052685-5820-4776-aade-aa5f4f590e70-0

00:25:10.910 --> 00:25:11.430

Thank you.

4a17f0cb-1c41-4c95-981d-ce9385eb0bb1-0

00:25:12.340 --> 00:25:17.090

Um Region 3 is Rosalyn Miles and  
she will be speaking.

dc1cd5df-d85e-4ba0-87f4-8bd8078aedd8-0

00:25:19.050 --> 00:25:24.300

Ah, yes. Hi. I'm Rosalyn miles  
and.

2ad44c62-6b1e-4069-888b-75bb5a4cbc35-0

00:25:25.760 --> 00:25:31.014

I'm region 3 in this region we  
cover 8 counties. I have 4 case

2ad44c62-6b1e-4069-888b-75bb5a4cbc35-1

00:25:31.014 --> 00:25:35.768

managers and two technicians. In  
services I am trying to

2ad44c62-6b1e-4069-888b-75bb5a4cbc35-2

00:25:35.768 --> 00:25:40.938

coordinate with one of our main  
hospital. They seem to have a

2ad44c62-6b1e-4069-888b-75bb5a4cbc35-3

00:25:40.938 --> 00:25:46.276

lot of turnovers and the they're  
not familiar with our program,

2ad44c62-6b1e-4069-888b-75bb5a4cbc35-4

00:25:46.276 --> 00:25:51.363

so it's like every other day  
there's questions as to what do

2ad44c62-6b1e-4069-888b-75bb5a4cbc35-5

00:25:51.363 --> 00:25:54.950

we do, how do we refer? So I am  
trying to.

01d3be0f-36f6-4e7e-8c0f-c6703e5c80e0-0

00:25:55.940 --> 00:26:01.290

Arranged that uh, we have had a  
couple of a couple vendors.

4446f3a8-fe2a-453c-808a-61da444183bd-0

00:26:03.890 --> 00:26:09.152

Wanted to demonstrate their show  
us their products on DME and so

4446f3a8-fe2a-453c-808a-61da444183bd-1

00:26:09.152 --> 00:26:13.200

forth and we provided in service  
to them as well.



22206a52-1bec-4b06-9e89-4496655d0358-0

00:26:14.920 --> 00:26:18.795

We have a full staff here.

Everything is going well, no

22206a52-1bec-4b06-9e89-4496655d0358-1

00:26:18.795 --> 00:26:19.280

issues.

3cb984c0-79ad-49fd-b7ae-96e8c227e3c3-0

00:26:19.960 --> 00:26:23.990

Other than you know, trying to

educate the the.

8fd8d846-8e6e-4481-9d7b-3579250e747b-0

00:26:25.000 --> 00:26:31.024

Hospital as to what we do and so

forth, so otherwise everything

8fd8d846-8e6e-4481-9d7b-3579250e747b-1

00:26:31.024 --> 00:26:36.954

else is going great. My success

story, there's a concern she's

8fd8d846-8e6e-4481-9d7b-3579250e747b-2

00:26:36.954 --> 00:26:39.590

56 years old, married woman.

50b00701-eff5-4acf-b88a-31b77474c086-0

00:26:41.110 --> 00:26:44.120

You sustained a spinal cord  
injury. She's at 10.

f994046b-0a38-4113-bcc6-e145fac40a4c-0

00:26:45.320 --> 00:26:51.165

Prior to that, she worked as a  
director of admission at a high

f994046b-0a38-4113-bcc6-e145fac40a4c-1

00:26:51.165 --> 00:26:57.195

school on this program, assisted  
with making the home assessable

f994046b-0a38-4113-bcc6-e145fac40a4c-2

00:26:57.195 --> 00:27:02.670

wheelchair assessable. We also  
assist with installing the.

1f045331-b077-46ea-a413-846bbb827552-0

00:27:04.100 --> 00:27:08.028

What is that? The smart home  
system which gave her some

1f045331-b077-46ea-a413-846bbb827552-1

00:27:08.028 --> 00:27:12.028

independence, but she was  
depressed and that was because

1f045331-b077-46ea-a413-846bbb827552-2

00:27:12.028 --> 00:27:16.378

she had issues she could not  
adjust to her new normal, so she

1f045331-b077-46ea-a413-846bbb827552-3

00:27:16.378 --> 00:27:20.447

had a lot of issues and she  
became depressed. So what was

1f045331-b077-46ea-a413-846bbb827552-4

00:27:20.447 --> 00:27:24.446

recommended? That she received  
some counseling, which we

1f045331-b077-46ea-a413-846bbb827552-5

00:27:24.446 --> 00:27:28.936

assisted with. She went through  
the counseling and which helped

1f045331-b077-46ea-a413-846bbb827552-6

00:27:28.936 --> 00:27:32.655

tremendously. She was  
encouraged. She was ready. She

1f045331-b077-46ea-a413-846bbb827552-7

00:27:32.655 --> 00:27:34.690

was eager to resume her life.

1e571743-2df6-439a-93a2-702baf911faf-0

00:27:34.780 --> 00:27:35.480

Um.

d5ddae68-9d61-49ff-9f97-aa9eb71965c5-0

00:27:36.620 --> 00:27:38.650

We provided a.

faaa36e4-2f08-4d92-9170-89a1171c550b-0

00:27:40.420 --> 00:27:44.610

Vehicle we assisted with some  
drivers eval. Umm she was able

faaa36e4-2f08-4d92-9170-89a1171c550b-1

00:27:44.610 --> 00:27:48.801

to now drive herself. We also  
referred her over to VR. She's

faaa36e4-2f08-4d92-9170-89a1171c550b-2

00:27:48.801 --> 00:27:53.267

with VR and she also was able to  
return to her previous position

faaa36e4-2f08-4d92-9170-89a1171c550b-3

00:27:53.267 --> 00:27:57.664

as the director of admission at  
the high school. So she's doing

faaa36e4-2f08-4d92-9170-89a1171c550b-4

00:27:57.664 --> 00:28:01.579

really great and she's very  
appreciative of the program.

da88e2d1-1c5e-4cd9-a2c7-76fb6ac08c66-0

00:28:04.760 --> 00:28:05.600

Excellent.

1310f8ca-b502-4afa-b4f9-813449f9a292-0

00:28:06.760 --> 00:28:08.530

Any questions for Rosalyn?

55894260-57e0-47c9-b9c7-227b1e339a81-0

00:28:10.110 --> 00:28:13.594

And Rosalyn, when she talked  
about being region 3, that's

55894260-57e0-47c9-b9c7-227b1e339a81-1

00:28:13.594 --> 00:28:17.318

probably merely like Pinellas  
County. That's where her office

55894260-57e0-47c9-b9c7-227b1e339a81-2

00:28:17.318 --> 00:28:18.760

is located, is Pinellas.

c03f62d0-f7e2-4ded-a363-261346c5bf1a-0

00:28:20.900 --> 00:28:24.408

OK, region 4. Uh. Natalie, I'm  
sorry. So. So my only question

c03f62d0-f7e2-4ded-a363-261346c5bf1a-1

00:28:24.408 --> 00:28:27.860

is when you referred her to  
counseling, did she get any peer

c03f62d0-f7e2-4ded-a363-261346c5bf1a-2

00:28:27.860 --> 00:28:31.312

mentoring from somebody who had  
a similar disability who may

c03f62d0-f7e2-4ded-a363-261346c5bf1a-3

00:28:31.312 --> 00:28:33.350

have been able to talk to her  
also?

1d4fb463-f961-46f5-a0bf-a917ffa32fdd-0

00:28:34.890 --> 00:28:38.225

No, she did not. That was  
offered. She knows that that's

1d4fb463-f961-46f5-a0bf-a917ffa32fdd-1

00:28:38.225 --> 00:28:39.220

available though.

852c3636-9114-4cad-b1e9-e7c88b72fb4b-0

00:28:41.950 --> 00:28:45.086

Yeah. I I I just put it out  
there because I know a lot of

852c3636-9114-4cad-b1e9-e7c88b72fb4b-1

00:28:45.086 --> 00:28:48.006

times some you know, having  
having somebody who has a

852c3636-9114-4cad-b1e9-e7c88b72fb4b-2

00:28:48.006 --> 00:28:51.197

similar disability, who's made  
it through can sometimes be

852c3636-9114-4cad-b1e9-e7c88b72fb4b-3

00:28:51.197 --> 00:28:51.630

helpful.

ea0a6b48-b0d6-40ce-a292-c50f4bd5395b-0

00:28:52.440 --> 00:28:52.800

Hmm.

c79b59cb-a17e-4b57-b9dc-67ebe1c4ce97-0

00:28:55.070 --> 00:28:55.550

Agreed.

015d77a7-e3d3-4e4e-a1e2-0ea6897f1d34-0

00:28:57.700 --> 00:29:02.124

Region 4 is our next regional  
manager. That's John Onesky and

015d77a7-e3d3-4e4e-a1e2-0ea6897f1d34-1

00:29:02.124 --> 00:29:06.691

his his primary offices in West  
Palm, and he also has satellite

015d77a7-e3d3-4e4e-a1e2-0ea6897f1d34-2

00:29:06.691 --> 00:29:07.690

offices. John.

6678e4ea-fb70-431d-8bef-6bb5824aec82-0

00:29:10.090 --> 00:29:10.810

You're muted.

6029cba7-441e-4281-98f1-b4bb8d545dd3-0

00:29:13.770 --> 00:29:18.124

My bad. Good afternoon  
everybody. I have region 4 and I

6029cba7-441e-4281-98f1-b4bb8d545dd3-1

00:29:18.124 --> 00:29:22.789

have currently 5 case managers  
and three techs and we cover

6029cba7-441e-4281-98f1-b4bb8d545dd3-2

00:29:22.789 --> 00:29:27.454

from Fort Pierce over to Fort  
Myers and down to the Broward



6029cba7-441e-4281-98f1-b4bb8d545dd3-3

00:29:27.454 --> 00:29:32.197

Dade County line. So yes, the  
the hurricane we had two staff

6029cba7-441e-4281-98f1-b4bb8d545dd3-4

00:29:32.197 --> 00:29:36.785

and clients over in the area  
that was hit pretty bad and I

6029cba7-441e-4281-98f1-b4bb8d545dd3-5

00:29:36.785 --> 00:29:39.740

kind of wanted to just touch on  
that.

13ebcb38-bc93-4969-a653-fa3f7f64da23-0

00:29:40.600 --> 00:29:44.295

Today, with my region, how proud  
I am of my staff before the

13ebcb38-bc93-4969-a653-fa3f7f64da23-1

00:29:44.295 --> 00:29:47.930

hurricane hit, it was a good  
drill for everybody to contact

13ebcb38-bc93-4969-a653-fa3f7f64da23-2

00:29:47.930 --> 00:29:51.868

all the clients, make sure they  
had a plan, what their plan was,

13ebcb38-bc93-4969-a653-fa3f7f64da23-3

00:29:51.868 --> 00:29:55.806

give information about shelters,  
if any of the clients wanted to

13ebcb38-bc93-4969-a653-fa3f7f64da23-4

00:29:55.806 --> 00:29:59.320

go to the shelters. And you  
know, we weren't hit horribly

13ebcb38-bc93-4969-a653-fa3f7f64da23-5

00:29:59.320 --> 00:30:03.258

bad over here in West Palm, but  
we were certainly ready and hats

13ebcb38-bc93-4969-a653-fa3f7f64da23-6

00:30:03.258 --> 00:30:07.136

off to the staff for that. The  
two staff that were over in Fort

13ebcb38-bc93-4969-a653-fa3f7f64da23-7

00:30:07.136 --> 00:30:10.649

Myers, I was in contact with or  
tried to be continuously.

9795955d-dce2-4d98-b3a1-7a9f84560bf6-0

00:30:10.750 --> 00:30:13.390

Uh, before, during and after the

storm.

9ab48d2f-44bd-4969-99bd-c91ca388e7cf-0

00:30:16.510 --> 00:30:16.960

Sorry.

ed8cb45d-224e-4a2a-815a-59419ba94225-0

00:30:18.820 --> 00:30:19.260

Oh, stop.

45dd1d2a-d13a-479b-b6d9-99cbb2c4de6e-0

00:30:20.950 --> 00:30:25.241

So anyway, the, uh, the uh, the  
two staff and their caseloads

45dd1d2a-d13a-479b-b6d9-99cbb2c4de6e-1

00:30:25.241 --> 00:30:29.463

over there, I I stayed in touch  
with the staff uh before and

45dd1d2a-d13a-479b-b6d9-99cbb2c4de6e-2

00:30:29.463 --> 00:30:33.754

during and after the storm and  
they got hit pretty hard. What

45dd1d2a-d13a-479b-b6d9-99cbb2c4de6e-3

00:30:33.754 --> 00:30:38.046

my staff did over here after the  
storm is they before I could

45dd1d2a-d13a-479b-b6d9-99cbb2c4de6e-4

00:30:38.046 --> 00:30:42.268

even get a meeting together they  
were calling me even on the

45dd1d2a-d13a-479b-b6d9-99cbb2c4de6e-5

00:30:42.268 --> 00:30:46.559

weekend saying how can we help  
Jones caseload. So we split up

45dd1d2a-d13a-479b-b6d9-99cbb2c4de6e-6

00:30:46.559 --> 00:30:50.643

Jones caseload for all of my  
case managers to contact them

45dd1d2a-d13a-479b-b6d9-99cbb2c4de6e-7

00:30:50.643 --> 00:30:50.920

all.

784d2ca8-a35e-42ef-9dcf-1c9a4e7de4ae-0

00:30:51.180 --> 00:30:55.352

After the storm to check on them  
and we got in touch with with

784d2ca8-a35e-42ef-9dcf-1c9a4e7de4ae-1

00:30:55.352 --> 00:30:59.524

all of them except two, which  
was really impressive, which put

784d2ca8-a35e-42ef-9dcf-1c9a4e7de4ae-2

00:30:59.524 --> 00:31:03.629

my case manager so hard at ease.

The the one that we, the two

784d2ca8-a35e-42ef-9dcf-1c9a4e7de4ae-3

00:31:03.629 --> 00:31:07.934

that we didn't get in touch with

a Long story short are are both

784d2ca8-a35e-42ef-9dcf-1c9a4e7de4ae-4

00:31:07.934 --> 00:31:12.238

OK by the one but the one client

that we did have over there was

784d2ca8-a35e-42ef-9dcf-1c9a4e7de4ae-5

00:31:12.238 --> 00:31:16.212

very frail and we couldn't get

in contact with that one but

784d2ca8-a35e-42ef-9dcf-1c9a4e7de4ae-6

00:31:16.212 --> 00:31:18.529

collaboration with another

region.

a0573ab3-8c9e-4ae0-aebd-9e7d4536fb11-0

00:31:20.130 --> 00:31:24.425

Region two over there, we were

able to find this individual who

a0573ab3-8c9e-4ae0-aebd-9e7d4536fb11-1

00:31:24.425 --> 00:31:28.720

was in a shelter and then when  
they got home, provide resources

a0573ab3-8c9e-4ae0-aebd-9e7d4536fb11-2

00:31:28.720 --> 00:31:32.411

for that individual after the  
storm so that they had a

a0573ab3-8c9e-4ae0-aebd-9e7d4536fb11-3

00:31:32.411 --> 00:31:36.639

generator and and that kind of  
thing. So again, hats off to to

a0573ab3-8c9e-4ae0-aebd-9e7d4536fb11-4

00:31:36.639 --> 00:31:40.867

all the staff are just really  
pitching in and caring about the

a0573ab3-8c9e-4ae0-aebd-9e7d4536fb11-5

00:31:40.867 --> 00:31:43.819

people that we that we deal with  
every day.

e4f0eab2-85b8-4e12-95d3-5af0558d74d7-0

00:31:45.280 --> 00:31:49.225

As far as in services go, I've  
been really ramping up uh,

e4f0eab2-85b8-4e12-95d3-5af0558d74d7-1

00:31:49.225 --> 00:31:53.511

trying to reconnect with all of  
our trauma hospitals and their

e4f0eab2-85b8-4e12-95d3-5af0558d74d7-2

00:31:53.511 --> 00:31:56.913

and their trauma staff, trauma  
nurses, vocational

e4f0eab2-85b8-4e12-95d3-5af0558d74d7-3

00:31:56.913 --> 00:32:01.403

rehabilitation recently met with  
Longwood Regional Medical Center

e4f0eab2-85b8-4e12-95d3-5af0558d74d7-4

00:32:01.403 --> 00:32:05.417

up there in Fort Fort Pierce,  
who do a meet and greet with

e4f0eab2-85b8-4e12-95d3-5af0558d74d7-5

00:32:05.417 --> 00:32:09.771

their their trauma staff. I met  
with Zachary Hodge in from Fort

e4f0eab2-85b8-4e12-95d3-5af0558d74d7-6

00:32:09.771 --> 00:32:13.309

Pierce, from location

rehabilitation for a meet and

e4f0eab2-85b8-4e12-95d3-5af0558d74d7-7

00:32:13.309 --> 00:32:15.350

greet with the staff up there.

4e0b3c82-248a-42de-8ae7-bc29aa07ed25-0

00:32:15.520 --> 00:32:19.369

Uh, I have uh meetings next week

with the Broward uh chapter for

4e0b3c82-248a-42de-8ae7-bc29aa07ed25-1

00:32:19.369 --> 00:32:22.862

vocational rehabilitation.

Cynthia Gaber Gaber down there,

4e0b3c82-248a-42de-8ae7-bc29aa07ed25-2

00:32:22.862 --> 00:32:26.238

I believe is a director down

there, so we're going to be

4e0b3c82-248a-42de-8ae7-bc29aa07ed25-3

00:32:26.238 --> 00:32:29.613

meeting with that and wrapping

that up just to establish

4e0b3c82-248a-42de-8ae7-bc29aa07ed25-4



00:32:29.613 --> 00:32:32.160

report. Now that everything is  
open again.

0b8c7948-64a5-42b0-9ed9-b6c430727690-0

00:32:33.180 --> 00:32:36.387

Just going out and and getting  
to know people getting to know

0b8c7948-64a5-42b0-9ed9-b6c430727690-1

00:32:36.387 --> 00:32:39.181

the staff because report is  
really, really, really as

0b8c7948-64a5-42b0-9ed9-b6c430727690-2

00:32:39.181 --> 00:32:42.543

everybody knows really important  
COVID kind of killed that for a

0b8c7948-64a5-42b0-9ed9-b6c430727690-3

00:32:42.543 --> 00:32:45.751

while. So we're back out there  
ramping everything back up and

0b8c7948-64a5-42b0-9ed9-b6c430727690-4

00:32:45.751 --> 00:32:47.510

it's going very, very, very  
well.

c09d2d9e-8058-4e49-b851-6173b191f64b-0

00:32:49.580 --> 00:32:52.827

Other than that, my success  
story is going to be the the

c09d2d9e-8058-4e49-b851-6173b191f64b-1

00:32:52.827 --> 00:32:56.188

client that we couldn't find  
after the storm. We found the

c09d2d9e-8058-4e49-b851-6173b191f64b-2

00:32:56.188 --> 00:32:59.891

client and then we were actually  
able to cross regions, get that

c09d2d9e-8058-4e49-b851-6173b191f64b-3

00:32:59.891 --> 00:33:03.252

client the assistance they  
needed. I just teamwork all the

c09d2d9e-8058-4e49-b851-6173b191f64b-4

00:33:03.252 --> 00:33:03.480

way.

e34f6da9-20cb-49ea-b532-d473e1bde9b6-0

00:33:04.170 --> 00:33:04.490

No.

ba2258da-3391-4a90-b993-ccd881ee8ca6-0

00:33:05.250 --> 00:33:06.880

And that's what I have for  
region 4.

5745327a-bf61-4bb3-95d4-21072322589c-0

00:33:08.450 --> 00:33:11.570

OK. Anybody have any questions  
for John?

011a196b-cf65-48fc-a342-56a4dbbf02f3-0

00:33:12.610 --> 00:33:16.865

I don't have a question, but I  
have a comment that the story

011a196b-cf65-48fc-a342-56a4dbbf02f3-1

00:33:16.865 --> 00:33:21.399

that John just told is something  
that um, periodically on TV you

011a196b-cf65-48fc-a342-56a4dbbf02f3-2

00:33:21.399 --> 00:33:25.863

see a show that has good things  
and they talk about good things

011a196b-cf65-48fc-a342-56a4dbbf02f3-3

00:33:25.863 --> 00:33:30.118

that happen in the community.  
That story would be absolutely

011a196b-cf65-48fc-a342-56a4dbbf02f3-4

00:33:30.118 --> 00:33:33.955

ideal for that type of show and  
let people know in the

011a196b-cf65-48fc-a342-56a4dbbf02f3-5

00:33:33.955 --> 00:33:38.280

community, in the television  
area what is happening and what.

bf70847f-4b7d-4e23-ad33-53d0cf15c2eb-0

00:33:38.970 --> 00:33:42.868

The brain and spinal Cord Injury  
Program does for people, um,

bf70847f-4b7d-4e23-ad33-53d0cf15c2eb-1

00:33:42.868 --> 00:33:46.578

that might be something the  
political the Public Awareness

bf70847f-4b7d-4e23-ad33-53d0cf15c2eb-2

00:33:46.578 --> 00:33:50.539

Committee should be looking at  
later on when we we get moving,

bf70847f-4b7d-4e23-ad33-53d0cf15c2eb-3

00:33:50.539 --> 00:33:54.061

that type of story to put  
forward. And again I realized

bf70847f-4b7d-4e23-ad33-53d0cf15c2eb-4

00:33:54.061 --> 00:33:57.959

again all the the constraints  
that we'd have to have for, for

bf70847f-4b7d-4e23-ad33-53d0cf15c2eb-5

00:33:57.959 --> 00:34:01.858

legal approval first. But that's  
something that people really

bf70847f-4b7d-4e23-ad33-53d0cf15c2eb-6

00:34:01.858 --> 00:34:02.989

should know about.

e9b9b387-2f84-4f27-b5c7-57a1a4b050f2-0

00:34:05.180 --> 00:34:06.690

Thank you. Thank you.

1b79f372-a16a-47de-8235-6f447b05ebe6-0

00:34:07.530 --> 00:34:11.500

Thank you, Ricky. Anybody else  
have any questions, comments.

46aeae4-8657-4761-87b3-ec39c531bc08-0

00:34:12.480 --> 00:34:16.946

OK. We'll move on to Region 5,  
which is Miami and Jose Debrock

46aeae4-8657-4761-87b3-ec39c531bc08-1

00:34:16.946 --> 00:34:19.570

is the regional manager there,  
Jose.

ee62efa9-34e4-4ae4-9169-772be40ccbfa-0

00:34:20.310 --> 00:34:24.280

Yes, good afternoon everyone.  
Um, our regional regional 5

ee62efa9-34e4-4ae4-9169-772be40ccbfa-1

00:34:24.280 --> 00:34:28.045

covers uh, Miami-Dade and  
Monroe. And as far as things

ee62efa9-34e4-4ae4-9169-772be40ccbfa-2

00:34:28.045 --> 00:34:32.084

services, as Kimberly mentioned  
this morning, we have done

ee62efa9-34e4-4ae4-9169-772be40ccbfa-3

00:34:32.084 --> 00:34:33.180

several of them.

030ba9c3-c08e-409e-9c98-8ee5d4f73d2c-0

00:34:34.420 --> 00:34:37.839

Is gonna go back to what it was  
discussed in the morning. One of

030ba9c3-c08e-409e-9c98-8ee5d4f73d2c-1

00:34:37.839 --> 00:34:41.049

them was at HCA Kendall Regional  
Hospital, which is a trauma

030ba9c3-c08e-409e-9c98-8ee5d4f73d2c-2

00:34:41.049 --> 00:34:41.470

level 2.

49fc7f21-7bf0-48b4-ae19-51bef17416e0-0

00:34:42.450 --> 00:34:46.062

Unfortunately, they had a lot of  
turnovers and we have to have

49fc7f21-7bf0-48b4-ae19-51bef17416e0-1

00:34:46.062 --> 00:34:49.559

gone there a few times to doing  
services there. On that that

49fc7f21-7bf0-48b4-ae19-51bef17416e0-2

00:34:49.559 --> 00:34:53.056

perception, it was mentioned  
this morning. Since the client,

49fc7f21-7bf0-48b4-ae19-51bef17416e0-3

00:34:53.056 --> 00:34:55.981

we since we're pace of last  
resort, the client has

49fc7f21-7bf0-48b4-ae19-51bef17416e0-4

00:34:55.981 --> 00:34:59.535

insurance, so maybe he doesn't  
need to be referred to here or

49fc7f21-7bf0-48b4-ae19-51bef17416e0-5

00:34:59.535 --> 00:35:03.205

she doesn't need to refer to a  
program which I just want to add

49fc7f21-7bf0-48b4-ae19-51bef17416e0-6

00:35:03.205 --> 00:35:06.760

that might have insurance. But  
at times like for spinal cord.

e265e1ab-2d48-4ab3-8854-e918e50ed2bf-0

00:35:07.510 --> 00:35:11.048

Ramps are not covered on the  
insurance and there's a few

e265e1ab-2d48-4ab3-8854-e918e50ed2bf-1

00:35:11.048 --> 00:35:14.897

items that are not covered in  
insurance, so they still should

e265e1ab-2d48-4ab3-8854-e918e50ed2bf-2

00:35:14.897 --> 00:35:18.808

refer to our program. We also  
went to Aventura Hospital, which



e265e1ab-2d48-4ab3-8854-e918e50ed2bf-3

00:35:18.808 --> 00:35:22.719

is another hospital that has a  
lot of turnover and I had to go

e265e1ab-2d48-4ab3-8854-e918e50ed2bf-4

00:35:22.719 --> 00:35:26.196

there twice actually to doing  
services because from the

e265e1ab-2d48-4ab3-8854-e918e50ed2bf-5

00:35:26.196 --> 00:35:30.169

previous one, there were still  
some issues lingering. So we had

e265e1ab-2d48-4ab3-8854-e918e50ed2bf-6

00:35:30.169 --> 00:35:33.460

to do a virtual one. And then  
finally we're getting.

a3458be9-f259-4ec8-91f5-7aafb11b431a-0

00:35:34.410 --> 00:35:38.002

More referrals. Now we're  
getting more than ever, but

a3458be9-f259-4ec8-91f5-7aafb11b431a-1

00:35:38.002 --> 00:35:42.060

they're referring even mild

TBI's, which that's fine with me

a3458be9-f259-4ec8-91f5-7aafb11b431a-2

00:35:42.060 --> 00:35:46.450

as long as we get the referrals.

And as far as other in services,

a3458be9-f259-4ec8-91f5-7aafb11b431a-3

00:35:46.450 --> 00:35:50.042

we have one next week with

vocational rehab. It's our

a3458be9-f259-4ec8-91f5-7aafb11b431a-4

00:35:50.042 --> 00:35:51.240

quarterly meeting.

55e3c972-c039-4c96-a43b-1467d5dace61-0

00:35:51.920 --> 00:35:56.270

And uh Kimberly was in the last

one. There are some issues with

55e3c972-c039-4c96-a43b-1467d5dace61-1

00:35:56.270 --> 00:35:58.990

VR as far as, you know, the time

frame.

bd7243b9-071e-4b2d-9024-986d1da0512e-0

00:35:59.730 --> 00:36:04.356

When we refer clients and they

actually are getting in service,

bd7243b9-071e-4b2d-9024-986d1da0512e-1

00:36:04.356 --> 00:36:09.127

it takes a long time for them to  
do and that's something that I'm

bd7243b9-071e-4b2d-9024-986d1da0512e-2

00:36:09.127 --> 00:36:13.609

planning to address in our next  
meeting next week. And I just

bd7243b9-071e-4b2d-9024-986d1da0512e-3

00:36:13.609 --> 00:36:17.874

wanted to mention 11/4 and N4.  
There's going to be a Miami

bd7243b9-071e-4b2d-9024-986d1da0512e-4

00:36:17.874 --> 00:36:22.067

abilities Expo here at the  
DoubleTree Miami Airport. It's

bd7243b9-071e-4b2d-9024-986d1da0512e-5

00:36:22.067 --> 00:36:26.404

it's a 3/3 day event and I'm  
planning myself to attend with

bd7243b9-071e-4b2d-9024-986d1da0512e-6

00:36:26.404 --> 00:36:30.670

the case manager to the event on  
Friday. They're gonna be.

d9ad3fbd-94da-454f-9eff-59d131849f10-0

00:36:30.820 --> 00:36:31.200

Uh.

70f4b6aa-23fc-403a-a3e2-455dc0b6e96e-0

00:36:31.870 --> 00:36:34.948

There's gonna be spores, and  
there's gonna be some products

70f4b6aa-23fc-403a-a3e2-455dc0b6e96e-1

00:36:34.948 --> 00:36:38.026

that are gonna be presented.

Which, um, they're saying that

70f4b6aa-23fc-403a-a3e2-455dc0b6e96e-2

00:36:38.026 --> 00:36:41.155

we've never seen them before. So

I'm very, you know, excited

70f4b6aa-23fc-403a-a3e2-455dc0b6e96e-3

00:36:41.155 --> 00:36:42.900

about attending to that uh  
event.

07c3e175-b8d6-45b3-ae52-a7d1763d1eb4-0

00:36:43.970 --> 00:36:48.822

As far as, uh, uh success story,  
the one that I have the client

07c3e175-b8d6-45b3-ae52-a7d1763d1eb4-1

00:36:48.822 --> 00:36:53.220

still currently in the program

and it's a 22 year old who

07c3e175-b8d6-45b3-ae52-a7d1763d1eb4-2

00:36:53.220 --> 00:36:57.846

suffer. Uh, it's a sustained

accident, a TBI and an accident

07c3e175-b8d6-45b3-ae52-a7d1763d1eb4-3

00:36:57.846 --> 00:36:59.590

motor vehicle accident.

5490ae35-bdd3-4e4b-b24d-c14844d94541-0

00:37:00.570 --> 00:37:04.844

Her prognosis was very bleak,

that um, especially cognitive.

5490ae35-bdd3-4e4b-b24d-c14844d94541-1

00:37:04.844 --> 00:37:09.398

She was not gonna be able to do

anything. Basically. She was for

5490ae35-bdd3-4e4b-b24d-c14844d94541-2

00:37:09.398 --> 00:37:11.010

months in the hospital.

bc8c1b60-8346-4f7d-98d7-4f2d66abb072-0

00:37:11.810 --> 00:37:16.342

And also walking, but I just saw  
a video of her and her

bc8c1b60-8346-4f7d-98d7-4f2d66abb072-1

00:37:16.342 --> 00:37:21.361

improvement has been amazing and  
you know, therapy. And she's

bc8c1b60-8346-4f7d-98d7-4f2d66abb072-2

00:37:21.361 --> 00:37:23.790

starting to take some classes.

892f66dc-09e8-43ec-ae62-a594e16a1a1d-0

00:37:24.480 --> 00:37:26.170

Actually, it's in Miami-Dade  
college.

18cdc499-0c12-4a5d-ac38-df66bd936a39-0

00:37:26.980 --> 00:37:30.700

So I'm very excited about, you  
know, her, her, you know how

18cdc499-0c12-4a5d-ac38-df66bd936a39-1

00:37:30.700 --> 00:37:34.669

she's doing and we're planning

to, uh, work with her and maybe,

18cdc499-0c12-4a5d-ac38-df66bd936a39-2

00:37:34.669 --> 00:37:37.150

you know, VR. Uh will be the  
next step.

a9429833-25ce-442e-8711-0c2d197ada2a-0

00:37:37.970 --> 00:37:41.302

That's, that's about it. What I  
have, if anybody has any other

a9429833-25ce-442e-8711-0c2d197ada2a-1

00:37:41.302 --> 00:37:42.890

questions, any questions that.

981fc99a-7ade-49d0-bc22-efba40a99d27-0

00:37:43.570 --> 00:37:44.090

That one has.

6d545c6e-a5f8-409f-bed9-472fee5f880b-0

00:37:46.770 --> 00:37:50.358

I have a question on and the  
referral process you you

6d545c6e-a5f8-409f-bed9-472fee5f880b-1

00:37:50.358 --> 00:37:53.747

mentioned, uh, a common  
misconception being around

6d545c6e-a5f8-409f-bed9-472fee5f880b-2

00:37:53.747 --> 00:37:57.269

whether the patient has  
insurance or not. So is that

6d545c6e-a5f8-409f-bed9-472fee5f880b-3

00:37:57.269 --> 00:38:01.589

misconception outlined? Uh, you  
know, very visibly in the on the

6d545c6e-a5f8-409f-bed9-472fee5f880b-4

00:38:01.589 --> 00:38:05.509

referral form to help overcome  
that barrier with referral.

6b785497-806a-4416-af0b-2ba76263bb12-0

00:38:08.080 --> 00:38:10.347

Like at the referral, you mean  
when they're doing Central

6b785497-806a-4416-af0b-2ba76263bb12-1

00:38:10.347 --> 00:38:10.660

Raceway?

29503e39-564b-44b7-ae3d-8d5d535d253d-0

00:38:11.720 --> 00:38:14.977

So on the referral form or  
whatever it is that the person



29503e39-564b-44b7-ae3d-8d5d535d253d-1

00:38:14.977 --> 00:38:18.010

fills out, does it? Does it  
spell out, you know that?

788bd678-1958-4ef0-aaa0-6e5a0ca6f01e-0

00:38:19.480 --> 00:38:23.229

They don't have to not have  
insurance to be removed because,

788bd678-1958-4ef0-aaa0-6e5a0ca6f01e-1

00:38:23.229 --> 00:38:26.979

um, like Kimberly mentioned,  
we're not income based and that

788bd678-1958-4ef0-aaa0-6e5a0ca6f01e-2

00:38:26.979 --> 00:38:30.667

that has not affected in. So  
that's not something that that

788bd678-1958-4ef0-aaa0-6e5a0ca6f01e-3

00:38:30.667 --> 00:38:34.355

is a misconception that the  
hospital might have because the

788bd678-1958-4ef0-aaa0-6e5a0ca6f01e-4

00:38:34.355 --> 00:38:38.166

new staff, there's a new staff

that might not be able to know

788bd678-1958-4ef0-aaa0-6e5a0ca6f01e-5

00:38:38.166 --> 00:38:42.039

what the process is and that's

when we come in that we have to

788bd678-1958-4ef0-aaa0-6e5a0ca6f01e-6

00:38:42.039 --> 00:38:45.973

explain the whole process, not

only that we have to explain the

788bd678-1958-4ef0-aaa0-6e5a0ca6f01e-7

00:38:45.973 --> 00:38:49.170

process of eligibility like the

forms that we need.

ef67a58e-408a-48ce-bbd8-27d2f5fd43cc-0

00:38:49.890 --> 00:38:53.743

Also, uh, they need to be a

resident of Florida. All that

ef67a58e-408a-48ce-bbd8-27d2f5fd43cc-1

00:38:53.743 --> 00:38:56.800

has to be go over when we go to

the hospital.

221a7d0c-3af8-442c-87d2-9b88f4745ae0-0

00:39:00.400 --> 00:39:04.722

But I don't know. Kimberly wants  
to add anything. I I don't think

221a7d0c-3af8-442c-87d2-9b88f4745ae0-1

00:39:04.722 --> 00:39:08.848

it's in the referral form. No,  
it's not the referral form that

221a7d0c-3af8-442c-87d2-9b88f4745ae0-2

00:39:08.848 --> 00:39:12.777

the hospitals are filling out or  
anybody is filling out the

221a7d0c-3af8-442c-87d2-9b88f4745ae0-3

00:39:12.777 --> 00:39:16.968

central registry referral form  
asks if there is a payer source,

221a7d0c-3af8-442c-87d2-9b88f4745ae0-4

00:39:16.968 --> 00:39:21.094

but it does not specifically say  
on our referral form anything

221a7d0c-3af8-442c-87d2-9b88f4745ae0-5

00:39:21.094 --> 00:39:22.470

about clients income.

17561a77-7df8-4c3b-888e-2606c8fc27ab-0

00:39:23.350 --> 00:39:24.670

Versus eligibility.

2a108b6d-f785-409a-9244-ec77685e838f-0

00:39:27.320 --> 00:39:30.080

But that was a good question.

Thank you for asking that.

f7d75016-c782-4de7-b326-1284a864fa00-0

00:39:32.560 --> 00:39:34.200

Anybody else have any questions?

04c26bf7-f761-4921-88e3-949c54b6e4b7-0

00:39:35.790 --> 00:39:39.668

I have a question not

specifically about this. The

04c26bf7-f761-4921-88e3-949c54b6e4b7-1

00:39:39.668 --> 00:39:44.080

last report from Region 5, but

the do we have any type of

04c26bf7-f761-4921-88e3-949c54b6e4b7-2

00:39:44.080 --> 00:39:48.643

documentation about the causes

of the brain injuries and or

04c26bf7-f761-4921-88e3-949c54b6e4b7-3

00:39:48.643 --> 00:39:51.610

spinal cord injuries? How they

happen?

9f02530e-786c-456e-add6-17cc5f04d411-0

00:39:53.470 --> 00:39:58.327

We have in in the referral  
process we identify if you know

9f02530e-786c-456e-add6-17cc5f04d411-1

00:39:58.327 --> 00:40:03.762

what type of accident it was. If  
it was related to gunshot, if it

9f02530e-786c-456e-add6-17cc5f04d411-2

00:40:03.762 --> 00:40:08.620

was a vehicle accident, a  
pedestrian, we collect that data

9f02530e-786c-456e-add6-17cc5f04d411-3

00:40:08.620 --> 00:40:13.560

on the referral form and it is  
part of the data that we can

9f02530e-786c-456e-add6-17cc5f04d411-4

00:40:13.560 --> 00:40:14.960

pull out of rims.

4d2dabe7-2eca-43dc-9753-cb173db9a051-0

00:40:16.170 --> 00:40:19.513

Yeah, I think that would

personally that would be very

4d2dabe7-2eca-43dc-9753-cb173db9a051-1

00:40:19.513 --> 00:40:23.282

interesting for me. I think it  
also might be interesting, the

4d2dabe7-2eca-43dc-9753-cb173db9a051-2

00:40:23.282 --> 00:40:26.990

Advisory Council to see what  
those causes are because that's

4d2dabe7-2eca-43dc-9753-cb173db9a051-3

00:40:26.990 --> 00:40:30.880

something that possibly down the  
line we could be directing our

4d2dabe7-2eca-43dc-9753-cb173db9a051-4

00:40:30.880 --> 00:40:33.130

efforts to preventing or  
prevention.

44ad9826-47d6-45f9-b7c4-09a214ec4bb4-0

00:40:35.280 --> 00:40:35.550

OK.

68f23f9c-9f18-455e-bd3c-d69e04d5e4b5-0

00:40:38.100 --> 00:40:39.240

Give me one second here.

a5204193-10dc-4953-8818-4ba7ca9c9cb9-0

00:40:46.780 --> 00:40:47.100

OK.

20c908b1-d924-44d0-80f8-60dfd6d9d253-0

00:40:48.250 --> 00:40:48.690

Thank you.

2bdbfd12-62c9-4fe4-abed-d8af39b59012-0

00:40:49.420 --> 00:40:49.860

Yes, Sir.

4d65756b-ccf9-4ac3-ab8b-324320bf63e2-0

00:40:51.100 --> 00:40:52.730

Any other questions so far?

3f9c60f6-b323-4a2d-9979-aec6059448b3-0

00:40:54.940 --> 00:40:58.097

I sent you a direct message,

Jose, but that conference that

3f9c60f6-b323-4a2d-9979-aec6059448b3-1

00:40:58.097 --> 00:41:01.202

you mentioned, I'm also in

Miami. So if you can just maybe

3f9c60f6-b323-4a2d-9979-aec6059448b3-2

00:41:01.202 --> 00:41:04.571

shoot me the link or something,  
maybe I might want to just kind

3f9c60f6-b323-4a2d-9979-aec6059448b3-3

00:41:04.571 --> 00:41:05.150

of drop by.

10b79b75-8b8a-4a8a-8962-a92bc7363871-0

00:41:06.560 --> 00:41:09.992

So yeah, if you can just shoot  
me the conference for the Miami

10b79b75-8b8a-4a8a-8962-a92bc7363871-1

00:41:09.992 --> 00:41:13.370

abilities. Aspo. Yeah. OK. Yeah,  
yeah, yeah. Thanks. Alright.

cda7e6b6-65c2-4eb2-8af4-84f85c646539-0

00:41:14.970 --> 00:41:15.470

Excellent.

ebf0ea31-a7cf-4279-805b-1ab62f5d895d-0

00:41:16.400 --> 00:41:21.067

OK. We'll move on to the  
Resource Center and everybody

ebf0ea31-a7cf-4279-805b-1ab62f5d895d-1

00:41:21.067 --> 00:41:22.510

knows Justin, so.



0606cf7d-4621-4d58-b8d3-e2c1538d8b29-0

00:41:23.870 --> 00:41:24.340

Justin.

f8d5484f-7b69-49a0-9fd6-0a26f0b6fee0-0

00:41:25.380 --> 00:41:29.692

Uh, yeah, so uh. So since our  
last meeting, um, you know,

f8d5484f-7b69-49a0-9fd6-0a26f0b6fee0-1

00:41:29.692 --> 00:41:34.228

we're a little bit different  
than the case managers and that

f8d5484f-7b69-49a0-9fd6-0a26f0b6fee0-2

00:41:34.228 --> 00:41:38.540

we cover the the state and  
provide information, education

f8d5484f-7b69-49a0-9fd6-0a26f0b6fee0-3

00:41:38.540 --> 00:41:43.299

and resources to to individuals.  
So you know some of the things

f8d5484f-7b69-49a0-9fd6-0a26f0b6fee0-4

00:41:43.299 --> 00:41:47.314

we've been doing a lot of  
outreach behind the scenes.

f8d5484f-7b69-49a0-9fd6-0a26f0b6fee0-5

00:41:47.314 --> 00:41:51.626

We've been working hard on on,  
on getting the peer mentor

f8d5484f-7b69-49a0-9fd6-0a26f0b6fee0-6

00:41:51.626 --> 00:41:55.270

program going. We've been we've  
developed field.

05ef4d42-1431-4fb3-8d18-1787b41543b1-0

00:41:55.360 --> 00:41:58.812

Brain procedures. So that's  
kinda that's not the most

05ef4d42-1431-4fb3-8d18-1787b41543b1-1

00:41:58.812 --> 00:42:02.777

glamorous thing in the world,  
but um, um. As all of you know,

05ef4d42-1431-4fb3-8d18-1787b41543b1-2

00:42:02.777 --> 00:42:06.933

you need policies and procedures  
behind the scenes. So um, we're

05ef4d42-1431-4fb3-8d18-1787b41543b1-3

00:42:06.933 --> 00:42:11.089

getting close to getting that up

and running as far as outreach.

a29d8b91-054f-4dbc-85fc-b99329ebc822-0

00:42:12.550 --> 00:42:17.756

With now with, you know, um, you  
know, places starting to open up

a29d8b91-054f-4dbc-85fc-b99329ebc822-1

00:42:17.756 --> 00:42:22.567

post post COVID or the, you  
know, the current COVID era that

a29d8b91-054f-4dbc-85fc-b99329ebc822-2

00:42:22.567 --> 00:42:27.221

we're in, you know, places are  
starting to do more face to

a29d8b91-054f-4dbc-85fc-b99329ebc822-3

00:42:27.221 --> 00:42:32.191

face. So we've been getting out  
there a little bit more. So in

a29d8b91-054f-4dbc-85fc-b99329ebc822-4

00:42:32.191 --> 00:42:36.766

May, you know, we attended for  
the first time in a while.

a29d8b91-054f-4dbc-85fc-b99329ebc822-5

00:42:36.766 --> 00:42:41.577

Orlando Health actually had  
their patient reunion in person.

a29d8b91-054f-4dbc-85fc-b99329ebc822-6

00:42:41.577 --> 00:42:42.840

So my colleague.

c60de137-464e-4b3e-ba7a-003afd705148-0

00:42:42.920 --> 00:42:47.696

And the Resource Center Robin  
tipped and attended that and she

c60de137-464e-4b3e-ba7a-003afd705148-1

00:42:47.696 --> 00:42:52.245

said that was very good to see  
some of the, the former, you

c60de137-464e-4b3e-ba7a-003afd705148-2

00:42:52.245 --> 00:42:56.946

know, brands, you know spot in  
patients. I went through there

c60de137-464e-4b3e-ba7a-003afd705148-3

00:42:56.946 --> 00:43:01.722

also a family cafe, obviously  
most of us I think I've heard of

c60de137-464e-4b3e-ba7a-003afd705148-4

00:43:01.722 --> 00:43:05.816

that huge event in May in  
Orlando three days you know

c60de137-464e-4b3e-ba7a-003afd705148-5

00:43:05.816 --> 00:43:10.517

thousands of people went through  
that. You know we that was a

c60de137-464e-4b3e-ba7a-003afd705148-6

00:43:10.517 --> 00:43:13.550

whole program as far as our  
attendance.

8186951c-2856-49aa-9fe2-64c0d02016ed-0

00:43:13.620 --> 00:43:17.569

On to cover the cover the table  
so it wasn't just the Resource

8186951c-2856-49aa-9fe2-64c0d02016ed-1

00:43:17.569 --> 00:43:21.080

Center, but uh, we did attend  
that we, um, were able to

8186951c-2856-49aa-9fe2-64c0d02016ed-2

00:43:21.080 --> 00:43:24.716

distribute some of our new  
guides that you guys have been

8186951c-2856-49aa-9fe2-64c0d02016ed-3

00:43:24.716 --> 00:43:28.478

sent front on brain and spinal  
cord injuries as well as you

8186951c-2856-49aa-9fe2-64c0d02016ed-4

00:43:28.478 --> 00:43:31.550

know able to get a lot of  
information out there.

138b070d-5207-4b4a-870a-b5df0fee5a35-0

00:43:32.340 --> 00:43:38.537

Um, later on July, July seemed  
to be a busy month as far as uh,

138b070d-5207-4b4a-870a-b5df0fee5a35-1

00:43:38.537 --> 00:43:44.541

of trainings with with schools.  
Obviously, I've talked in the

138b070d-5207-4b4a-870a-b5df0fee5a35-2

00:43:44.541 --> 00:43:50.544

past about, you know, USF. We  
also had an in service or I did

138b070d-5207-4b4a-870a-b5df0fee5a35-3

00:43:50.544 --> 00:43:55.483

an in service with Nova  
Southeastern, which really

138b070d-5207-4b4a-870a-b5df0fee5a35-4

00:43:55.483 --> 00:44:01.777

really was good. It was with PT  
third year PT students. That was

138b070d-5207-4b4a-870a-b5df0fee5a35-5

00:44:01.777 --> 00:44:03.230

almost a 2 1/2.

587a2872-f3a9-4e98-a3ff-be9bab230f29-0

00:44:03.330 --> 00:44:08.025

Our uh, you know in service. So  
anytime a school program opens

587a2872-f3a9-4e98-a3ff-be9bab230f29-1

00:44:08.025 --> 00:44:12.720

up at 2 1/2 hour block for uh  
for for you, you know, there's a

587a2872-f3a9-4e98-a3ff-be9bab230f29-2

00:44:12.720 --> 00:44:17.265

lot of questions. You know they  
even wanted to see some math

587a2872-f3a9-4e98-a3ff-be9bab230f29-3

00:44:17.265 --> 00:44:21.737

skills, you know, getting in and  
out of vehicles. So that's

587a2872-f3a9-4e98-a3ff-be9bab230f29-4

00:44:21.737 --> 00:44:26.581

always, you know good to try to  
create a good impression on them

587a2872-f3a9-4e98-a3ff-be9bab230f29-5

00:44:26.581 --> 00:44:31.052

and and give them some tools for  
when they get out into the

587a2872-f3a9-4e98-a3ff-be9bab230f29-6

00:44:31.052 --> 00:44:31.500

field.

1fe49e6b-a91c-4c4d-b02e-07c9281ea78c-0

00:44:32.660 --> 00:44:37.830

Council Member um uh Jill Onek  
um we. I spoke to her her uh

1fe49e6b-a91c-4c4d-b02e-07c9281ea78c-1

00:44:37.830 --> 00:44:43.086

hospital at HCA, Florida W They  
were great. I think that was

1fe49e6b-a91c-4c4d-b02e-07c9281ea78c-2

00:44:43.086 --> 00:44:48.342

mostly PMRS and therapist. And  
you know, they were asking me



1fe49e6b-a91c-4c4d-b02e-07c9281ea78c-3

00:44:48.342 --> 00:44:53.857

even emailing me questions. Post  
the post presentation. So they

1fe49e6b-a91c-4c4d-b02e-07c9281ea78c-4

00:44:53.857 --> 00:44:58.510

were very engaged and it was  
good to be part of that.

4231965b-48e6-421f-9066-e90bbbf724ff-0

00:44:59.310 --> 00:45:04.146

Uh, I personally attended um uh  
an ADA Expo on for. Obviously

4231965b-48e6-421f-9066-e90bbbf724ff-1

00:45:04.146 --> 00:45:09.138

the celebration of the ADA was  
in July, so that was good to get

4231965b-48e6-421f-9066-e90bbbf724ff-2

00:45:09.138 --> 00:45:13.428

out. You know, that was the  
first one that was held in

4231965b-48e6-421f-9066-e90bbbf724ff-3

00:45:13.428 --> 00:45:18.187

person since I think 2 1/2 two  
years ago. So you know it was

4231965b-48e6-421f-9066-e90bbbf724ff-4

00:45:18.187 --> 00:45:23.179

seeing a lot of faces and just  
getting our name out there again

4231965b-48e6-421f-9066-e90bbbf724ff-5

00:45:23.179 --> 00:45:27.703

and letting people know that  
BSP's still around and

4231965b-48e6-421f-9066-e90bbbf724ff-6

00:45:27.703 --> 00:45:29.420

we're still operating.

a989003b-f4d3-4554-a7c9-f54adf7b39a6-0

00:45:29.490 --> 00:45:34.315

And and and reminding people and  
and kind of the last thing I

a989003b-f4d3-4554-a7c9-f54adf7b39a6-1

00:45:34.315 --> 00:45:39.062

want to bring up and I think  
this is kind of a very fruitful

a989003b-f4d3-4554-a7c9-f54adf7b39a6-2

00:45:39.062 --> 00:45:43.654

kind of partnership and how  
things develop as a we started

a989003b-f4d3-4554-a7c9-f54adf7b39a6-3

00:45:43.654 --> 00:45:48.791

working with and and meeting and  
attending victim services center

a989003b-f4d3-4554-a7c9-f54adf7b39a6-4

00:45:48.791 --> 00:45:50.270

in Central Florida.

79bbc1da-61c1-4f48-b643-ba8e6ad88cb7-0

00:45:52.300 --> 00:45:57.101

A month. I think they're  
quarterly meetings and then they

79bbc1da-61c1-4f48-b643-ba8e6ad88cb7-1

00:45:57.101 --> 00:46:02.317

have a a, a monthly committee  
and you know that's a program, a

79bbc1da-61c1-4f48-b643-ba8e6ad88cb7-2

00:46:02.317 --> 00:46:07.616

great program that's free, that  
provides counseling services to

79bbc1da-61c1-4f48-b643-ba8e6ad88cb7-3

00:46:07.616 --> 00:46:13.080

anybody that's separate domestic  
violence. And they have a lot of

79bbc1da-61c1-4f48-b643-ba8e6ad88cb7-4

00:46:13.080 --> 00:46:17.468

services from, you know,  
mentoring, to counseling to

79bbc1da-61c1-4f48-b643-ba8e6ad88cb7-5

00:46:17.468 --> 00:46:22.269

things that, you know, we can  
certainly refer clients to.

20e8c85f-8a96-4f79-b8d8-3dd289b7996a-0

00:46:22.350 --> 00:46:26.455

And then and uh, you know and  
and not duplicate some of those

20e8c85f-8a96-4f79-b8d8-3dd289b7996a-1

00:46:26.455 --> 00:46:30.561

services out there. So they were  
very open to wanting to hear

20e8c85f-8a96-4f79-b8d8-3dd289b7996a-2

00:46:30.561 --> 00:46:34.601

what we do. They're aware of us.  
We're aware of them now. So

20e8c85f-8a96-4f79-b8d8-3dd289b7996a-3

00:46:34.601 --> 00:46:37.846

hopefully we can, you know

start, you know quote

20e8c85f-8a96-4f79-b8d8-3dd289b7996a-4

00:46:37.846 --> 00:46:41.820

collaborating more and those

kind of things. So that's kind

20e8c85f-8a96-4f79-b8d8-3dd289b7996a-5

00:46:41.820 --> 00:46:45.329

of my presentation that's

anybody has any questions.

7d31b7c3-e364-4ad1-b0cf-44643d5cd56a-0

00:46:50.690 --> 00:46:52.890

OK. No questions for just

Justin.

99c0cc13-b405-4728-b5b9-17c2476e7cb5-0

00:46:54.670 --> 00:46:59.148

Justin and Robin really do a

lot. Uh, in the Resource Center

99c0cc13-b405-4728-b5b9-17c2476e7cb5-1

00:46:59.148 --> 00:47:03.921

with just two of them, they they

really do a lot. So hats off to

99c0cc13-b405-4728-b5b9-17c2476e7cb5-2

00:47:03.921 --> 00:47:05.390

all their hard work.

b045aa10-5c35-498c-9bfb-c1f8f6ab2ed4-0

00:47:06.260 --> 00:47:10.289

There's a lot behind the scenes  
that you just doesn't get

b045aa10-5c35-498c-9bfb-c1f8f6ab2ed4-1

00:47:10.289 --> 00:47:14.387

recognized, um. Next we're going  
to just do a brief on the

b045aa10-5c35-498c-9bfb-c1f8f6ab2ed4-2

00:47:14.387 --> 00:47:18.694

Council committee meetings that  
we had this morning for those

b045aa10-5c35-498c-9bfb-c1f8f6ab2ed4-3

00:47:18.694 --> 00:47:23.140

Council members that are on this  
afternoon that weren't able to

b045aa10-5c35-498c-9bfb-c1f8f6ab2ed4-4

00:47:23.140 --> 00:47:27.586

attend the performance Quality  
Improvement Committee we met and

b045aa10-5c35-498c-9bfb-c1f8f6ab2ed4-5

00:47:27.586 --> 00:47:31.616

we looked over the the new  
recommendations for the client

b045aa10-5c35-498c-9bfb-c1f8f6ab2ed4-6

00:47:31.616 --> 00:47:35.506

surveys. There were a couple of  
minor changes that were

b045aa10-5c35-498c-9bfb-c1f8f6ab2ed4-7

00:47:35.506 --> 00:47:36.340

recommended.

8624ae93-e52a-4cf6-aadf-ce3763f99498-0

00:47:36.410 --> 00:47:40.638

The language on on the surveys.

Uh. So we have approved them and

8624ae93-e52a-4cf6-aadf-ce3763f99498-1

00:47:40.638 --> 00:47:44.801

we're going to make those minor  
changes and then we're going to

8624ae93-e52a-4cf6-aadf-ce3763f99498-2

00:47:44.801 --> 00:47:48.705

start implementing the new  
surveys. Um, immediately. If you

8624ae93-e52a-4cf6-aadf-ce3763f99498-3

00:47:48.705 --> 00:47:52.283

need to go back and look at  
those surveys that were in

8624ae93-e52a-4cf6-aadf-ce3763f99498-4

00:47:52.283 --> 00:47:56.381

discussion this morning, they  
were attached to the emails sent

8624ae93-e52a-4cf6-aadf-ce3763f99498-5

00:47:56.381 --> 00:48:00.219

out. So you can go back and  
review those. And then we also

8624ae93-e52a-4cf6-aadf-ce3763f99498-6

00:48:00.219 --> 00:48:03.472

had a guest speaker this  
morning, which is really

8624ae93-e52a-4cf6-aadf-ce3763f99498-7

00:48:03.472 --> 00:48:06.529

interesting. Nicole Jardine and  
her team from.

f9c125b5-20fb-4fdf-b1dc-b839c6d4fffd-0

00:48:06.610 --> 00:48:10.739

Lyra Health spoke on a program  
they have called patient journey

f9c125b5-20fb-4fdf-b1dc-b839c6d4fffd-1



00:48:10.739 --> 00:48:14.804

themes, and actually they also  
have a new digital intervention

f9c125b5-20fb-4fdf-b1dc-b839c6d4fffd-2

00:48:14.804 --> 00:48:18.805

app called health storylines.  
Umm, it was pretty interesting.

f9c125b5-20fb-4fdf-b1dc-b839c6d4fffd-3

00:48:18.805 --> 00:48:22.934

We didn't get to see too much of  
the actual app because we were

f9c125b5-20fb-4fdf-b1dc-b839c6d4fffd-4

00:48:22.934 --> 00:48:26.741

running out of time. But the  
Council committee members are

f9c125b5-20fb-4fdf-b1dc-b839c6d4fffd-5

00:48:26.741 --> 00:48:30.548

going to meet again in November  
and talk about some of the

f9c125b5-20fb-4fdf-b1dc-b839c6d4fffd-6

00:48:30.548 --> 00:48:34.613

questions that we have regarding  
the presentation. And then at

f9c125b5-20fb-4fdf-b1dc-b839c6d4fffd-7

00:48:34.613 --> 00:48:37.840

the December meeting, we're  
going to invite them.

d67e253b-3976-4954-873d-e2ac7f8b2a9b-0

00:48:37.950 --> 00:48:41.696

To our December Council meeting,  
the committee meeting and uh,

d67e253b-3976-4954-873d-e2ac7f8b2a9b-1

00:48:41.696 --> 00:48:43.540

talk to them again about their.

9f41a633-ac74-4a1f-88ea-cde31c8a9c66-0

00:48:44.230 --> 00:48:48.457

Um app and what the patient  
journey themes were, um, the

9f41a633-ac74-4a1f-88ea-cde31c8a9c66-1

00:48:48.457 --> 00:48:53.130

other Council meeting committee  
we had this morning was public

9f41a633-ac74-4a1f-88ea-cde31c8a9c66-2

00:48:53.130 --> 00:48:57.580

awareness. Ricky, if you'd like  
to speak to your committee.

49117a38-a074-40cf-9eb3-5088114b20b1-0

00:48:58.330 --> 00:49:02.320

Sure. Thank you very much. Um,  
we have some good news this

49117a38-a074-40cf-9eb3-5088114b20b1-1

00:49:02.320 --> 00:49:06.107

morning. Kimberly advised that  
our first public service

49117a38-a074-40cf-9eb3-5088114b20b1-2

00:49:06.107 --> 00:49:10.368

announcement, UH proposal was  
approved by our legal department

49117a38-a074-40cf-9eb3-5088114b20b1-3

00:49:10.368 --> 00:49:14.291

and also now that Kim Stoffels  
working with Florida State

49117a38-a074-40cf-9eb3-5088114b20b1-4

00:49:14.291 --> 00:49:18.416

University and with the radio  
station in that area to see if

49117a38-a074-40cf-9eb3-5088114b20b1-5

00:49:18.416 --> 00:49:22.609

we can get this moving forward.  
But it was approved very good

49117a38-a074-40cf-9eb3-5088114b20b1-6

00:49:22.609 --> 00:49:26.802

sign. The second thing that we  
talked about were other things

49117a38-a074-40cf-9eb3-5088114b20b1-7

00:49:26.802 --> 00:49:29.170

than public service  
announcements.

04245bd6-bc5b-4bed-8173-a3f01b7a98da-0

00:49:29.240 --> 00:49:33.639

How can we get the uh brain  
injury and spinal cord injury

04245bd6-bc5b-4bed-8173-a3f01b7a98da-1

00:49:33.639 --> 00:49:38.039

Resource Center in front of  
people and some of the things

04245bd6-bc5b-4bed-8173-a3f01b7a98da-2

00:49:38.039 --> 00:49:42.666

that were were brought up were  
doing interviews, articles in

04245bd6-bc5b-4bed-8173-a3f01b7a98da-3

00:49:42.666 --> 00:49:47.066

local newspapers, appearances on

local TV or radio shows,

04245bd6-bc5b-4bed-8173-a3f01b7a98da-4

00:49:47.066 --> 00:49:51.694

appearances at county health

fairs and events, presentations

04245bd6-bc5b-4bed-8173-a3f01b7a98da-5

00:49:51.694 --> 00:49:56.624

at local hospitals, nursing and

assisted living facilities also,

04245bd6-bc5b-4bed-8173-a3f01b7a98da-6

00:49:56.624 --> 00:49:59.280

and participation in local

health.

2bc7a3bb-3fc7-4a85-802f-897177713c77-0

00:49:59.380 --> 00:50:03.818

Fairs and Expos and newsletters

and communications. Um, all of

2bc7a3bb-3fc7-4a85-802f-897177713c77-1

00:50:03.818 --> 00:50:08.257

those would need prior approval

from the legal department, but

2bc7a3bb-3fc7-4a85-802f-897177713c77-2

00:50:08.257 --> 00:50:12.554

these are things that, that,  
that Kim has now to present, to

2bc7a3bb-3fc7-4a85-802f-897177713c77-3

00:50:12.554 --> 00:50:16.993

see what we need to do. One of  
the things, for example, that I

2bc7a3bb-3fc7-4a85-802f-897177713c77-4

00:50:16.993 --> 00:50:21.220

brought up was that I'm in a  
community of 612 homes and the

2bc7a3bb-3fc7-4a85-802f-897177713c77-5

00:50:21.220 --> 00:50:25.658

we have a monthly letter. Excuse  
me magazine that goes out for

2bc7a3bb-3fc7-4a85-802f-897177713c77-6

00:50:25.658 --> 00:50:30.097

the community. And it would be  
nice to put an article in there

2bc7a3bb-3fc7-4a85-802f-897177713c77-7

00:50:30.097 --> 00:50:30.520

about.

e123030f-ed97-47fb-92c7-f5de237cad30-0

00:50:30.750 --> 00:50:34.157

Uh, please skip, and the  
Resource Center, so that will,

e123030f-ed97-47fb-92c7-f5de237cad30-1

00:50:34.157 --> 00:50:38.051

you know, we'll we'll see what  
happens with approval on that uh

e123030f-ed97-47fb-92c7-f5de237cad30-2

00:50:38.051 --> 00:50:41.702

before we move forward. We also  
discussed our next meeting,

e123030f-ed97-47fb-92c7-f5de237cad30-3

00:50:41.702 --> 00:50:45.352

which will be on Thursday,  
November 17th instead of at 1:00

e123030f-ed97-47fb-92c7-f5de237cad30-4

00:50:45.352 --> 00:50:49.064

o'clock to 3:00. O'clock. It'll  
be at 2:00. O'clock to 3:00.

e123030f-ed97-47fb-92c7-f5de237cad30-5

00:50:49.064 --> 00:50:52.349

O'clock that one meeting only.  
And I believe that is.

0cb89aad-ff79-45ee-b2c3-c0101c500d2f-0

00:50:53.160 --> 00:50:54.810

Pretty much what we discussed  
this morning.

cbcd1085-1a47-4578-bbea-24f3a47b494a-0

00:50:56.170 --> 00:50:56.410

OK.

797ee8b8-4988-41de-ae7a-de7ecd9259d4-0

00:50:57.480 --> 00:51:00.240

Any questions or comments about  
committees?

8e3523c3-255f-4073-9a2d-3a9e4a38cd16-0

00:51:03.040 --> 00:51:07.407

OK. We're gonna keep rolling  
along here. Um, new business.

8e3523c3-255f-4073-9a2d-3a9e4a38cd16-1

00:51:07.407 --> 00:51:12.144

Uh, so John kind of already hit  
on the impact of Hurricane Ian.

8e3523c3-255f-4073-9a2d-3a9e4a38cd16-2

00:51:12.144 --> 00:51:17.029

Um, his one regional office over  
in Fort Myers is he spoke about,

8e3523c3-255f-4073-9a2d-3a9e4a38cd16-3



00:51:17.029 --> 00:51:21.470

they got, they got hit over  
there with the case manager and

8e3523c3-255f-4073-9a2d-3a9e4a38cd16-4

00:51:21.470 --> 00:51:26.207

the rehab tech. But what I want  
the Council to really know that

8e3523c3-255f-4073-9a2d-3a9e4a38cd16-5

00:51:26.207 --> 00:51:30.352

we start early with preparing  
our clients for hurricane

8e3523c3-255f-4073-9a2d-3a9e4a38cd16-6

00:51:30.352 --> 00:51:34.350

season. We reach out to them, we  
make sure everybody.

ba5091f5-0971-4dcf-8829-19297ab6b79c-0

00:51:34.530 --> 00:51:38.763

Has the information they need  
for preparedness. Uh information

ba5091f5-0971-4dcf-8829-19297ab6b79c-1

00:51:38.763 --> 00:51:42.794

for shelters? Make sure they  
have a plan. Uh, we don't wait

ba5091f5-0971-4dcf-8829-19297ab6b79c-2

00:51:42.794 --> 00:51:46.221

till the 11th hour and a  
hurricanes coming. That's

ba5091f5-0971-4dcf-8829-19297ab6b79c-3

00:51:46.221 --> 00:51:50.319

something that we work and are  
very proactive on. And so the

ba5091f5-0971-4dcf-8829-19297ab6b79c-4

00:51:50.319 --> 00:51:54.552

result of that was that we had  
no clients that had any issues.

ba5091f5-0971-4dcf-8829-19297ab6b79c-5

00:51:54.552 --> 00:51:58.785

John had two that we had a hard  
time getting a hold of, but we

ba5091f5-0971-4dcf-8829-19297ab6b79c-6

00:51:58.785 --> 00:52:02.683

did manage to get in contact  
with them. The one client he

ba5091f5-0971-4dcf-8829-19297ab6b79c-7

00:52:02.683 --> 00:52:04.430

spoke about which was the.

c97500d2-b78e-48fc-8679-2295159c4385-0

00:52:04.500 --> 00:52:09.020

Artist and the last one to get  
hold of um when he was able to

c97500d2-b78e-48fc-8679-2295159c4385-1

00:52:09.020 --> 00:52:13.395

date that client ended up ended  
up transferring down to the

c97500d2-b78e-48fc-8679-2295159c4385-2

00:52:13.395 --> 00:52:17.989

Miami Office for Services. It  
wasn't because of the hurricane,

c97500d2-b78e-48fc-8679-2295159c4385-3

00:52:17.989 --> 00:52:22.291

it was just his needs. There  
were no available services in

c97500d2-b78e-48fc-8679-2295159c4385-4

00:52:22.291 --> 00:52:26.739

that area to meet his needs, but  
there were in Miami so that

c97500d2-b78e-48fc-8679-2295159c4385-5

00:52:26.739 --> 00:52:29.510

client actually transferred to  
Miami.

8889257c-09a2-4088-b3bd-2d70e6023965-0

00:52:31.260 --> 00:52:34.045

Do you have any specific  
questions about the impact to

8889257c-09a2-4088-b3bd-2d70e6023965-1

00:52:34.045 --> 00:52:36.830

the program you heard about the  
two staff members and?

725bb4fa-4da5-4920-9e10-397dc933e8a9-0

00:52:38.100 --> 00:52:41.777

During the whole time of the  
hurricane, before and after we,

725bb4fa-4da5-4920-9e10-397dc933e8a9-1

00:52:41.777 --> 00:52:45.635

uh, myself and all managers, we  
have a call down list, but then

725bb4fa-4da5-4920-9e10-397dc933e8a9-2

00:52:45.635 --> 00:52:49.372

myself and all managers, we had  
a constant chat going through

725bb4fa-4da5-4920-9e10-397dc933e8a9-3

00:52:49.372 --> 00:52:53.351

phones. So we were constantly in

contact with each other checking

725bb4fa-4da5-4920-9e10-397dc933e8a9-4

00:52:53.351 --> 00:52:57.088

in, making sure everybody was OK

what's going on? What do you

725bb4fa-4da5-4920-9e10-397dc933e8a9-5

00:52:57.088 --> 00:52:57.389

need?

322b36d2-de5e-4518-a529-fd24524efb6a-0

00:52:59.310 --> 00:53:03.601

Question ohh yeah, this is Jill.

Really, it sounds like you guys

322b36d2-de5e-4518-a529-fd24524efb6a-1

00:53:03.601 --> 00:53:07.365

did a did a great job and I

don't know if you documented

322b36d2-de5e-4518-a529-fd24524efb6a-2

00:53:07.365 --> 00:53:11.392

kind of the process that you

followed or any lessons learned

322b36d2-de5e-4518-a529-fd24524efb6a-3

00:53:11.392 --> 00:53:14.100

so that it can be referenced for

future.

782438f1-4464-4d21-96a6-c15c02cafd1b-0

00:53:15.380 --> 00:53:17.650

Or followed in the future,

that's just my.

9bd86ec8-5804-4f5e-bab7-a5682534a5b4-0

00:53:18.270 --> 00:53:22.588

Thought or my recommendation?

Ohh we we have a process that we

9bd86ec8-5804-4f5e-bab7-a5682534a5b4-1

00:53:22.588 --> 00:53:26.632

do follow we we make sure our

coop list is updated when we

9bd86ec8-5804-4f5e-bab7-a5682534a5b4-2

00:53:26.632 --> 00:53:30.950

know what storms coming we we

really start acting on it making

9bd86ec8-5804-4f5e-bab7-a5682534a5b4-3

00:53:30.950 --> 00:53:34.925

sure that preparations are in

place but we start with our

9bd86ec8-5804-4f5e-bab7-a5682534a5b4-4

00:53:34.925 --> 00:53:39.106

clients long before hurricane  
season hits and that's part of

9bd86ec8-5804-4f5e-bab7-a5682534a5b4-5

00:53:39.106 --> 00:53:43.013

the case manager's duty when  
they do get a new client on

9bd86ec8-5804-4f5e-bab7-a5682534a5b4-6

00:53:43.013 --> 00:53:47.537

their caseload that's one of the  
things that they start preparing

9bd86ec8-5804-4f5e-bab7-a5682534a5b4-7

00:53:47.537 --> 00:53:48.360

that client.

fa5b7e62-d0cf-48be-9dfd-1985d00b4f25-0

00:53:48.430 --> 00:53:52.188

Or as well as if there's an  
event, do you have access to a

fa5b7e62-d0cf-48be-9dfd-1985d00b4f25-1

00:53:52.188 --> 00:53:55.819

shelter? Do you know where to  
go? Do you have all of the

fa5b7e62-d0cf-48be-9dfd-1985d00b4f25-2

00:53:55.819 --> 00:53:57.539

contact information needed?

2165abf2-8a6d-4001-9234-109adb43b757-0

00:53:58.970 --> 00:54:03.139

Case managers have the ability  
from our rim system to um, print

2165abf2-8a6d-4001-9234-109adb43b757-1

00:54:03.139 --> 00:54:06.918

out what we call their coop  
list, and it's a print out of

2165abf2-8a6d-4001-9234-109adb43b757-2

00:54:06.918 --> 00:54:10.566

all of their clients that  
they're currently carrying on

2165abf2-8a6d-4001-9234-109adb43b757-3

00:54:10.566 --> 00:54:14.410

their caseload. And it also it  
provides their address, the

2165abf2-8a6d-4001-9234-109adb43b757-4

00:54:14.410 --> 00:54:18.188

clients phone number and any  
caregiver or relatives phone

2165abf2-8a6d-4001-9234-109adb43b757-5

00:54:18.188 --> 00:54:22.227



number as well. So even if their  
computer goes down, they can

2165abf2-8a6d-4001-9234-109adb43b757-6

00:54:22.227 --> 00:54:26.201

print out a copy or they can,  
you know, save it however they

2165abf2-8a6d-4001-9234-109adb43b757-7

00:54:26.201 --> 00:54:29.720

want and have that. So if they  
have no access to the.

451c0c93-1dc8-4017-a92a-209a6a6fedb6-0

00:54:29.820 --> 00:54:33.246

The system they still have  
access to their clients. Uh,

451c0c93-1dc8-4017-a92a-209a6a6fedb6-1

00:54:33.246 --> 00:54:34.470

contact information.

7eac65d2-8494-45ef-82e3-3602797e5af1-0

00:54:35.180 --> 00:54:38.877

So I'm wondering for some of  
those um pieces like, you know,

7eac65d2-8494-45ef-82e3-3602797e5af1-1

00:54:38.877 --> 00:54:42.697

referring to the shelter in that  
a lot of the communities have

7eac65d2-8494-45ef-82e3-3602797e5af1-2

00:54:42.697 --> 00:54:46.637

emergency operations centers and

I don't know if we're direct. I

7eac65d2-8494-45ef-82e3-3602797e5af1-3

00:54:46.637 --> 00:54:50.335

don't know if he skips directly

linked with them or provided

7eac65d2-8494-45ef-82e3-3602797e5af1-4

00:54:50.335 --> 00:54:53.851

that information. I'm thinking

for the people who are not

7eac65d2-8494-45ef-82e3-3602797e5af1-5

00:54:53.851 --> 00:54:57.185

affiliated directly or on

caseload at the time. Do you

7eac65d2-8494-45ef-82e3-3602797e5af1-6

00:54:57.185 --> 00:55:00.641

know what I'm saying? Yes,

ma'am. So out on our Resource

7eac65d2-8494-45ef-82e3-3602797e5af1-7

00:55:00.641 --> 00:55:02.460

Center, we have a section for.

af78e8ea-7048-488e-9c40-3980a0b68389-0

00:55:04.100 --> 00:55:07.935

Is Justin, do you have it listed

as hurricane preparedness or uh

af78e8ea-7048-488e-9c40-3980a0b68389-1

00:55:07.935 --> 00:55:11.004

preparedness disaster

information? I forget how you

af78e8ea-7048-488e-9c40-3980a0b68389-2

00:55:11.004 --> 00:55:12.480

have it listed out there.

ab80b15e-f697-4371-b407-645738b564cf-0

00:55:16.540 --> 00:55:17.070

Dustin.

23962f1f-2cd9-465a-8acd-d25f335e488b-0

00:55:22.160 --> 00:55:25.618

I'm not sure if he's still on or

not, but we do have um a link

23962f1f-2cd9-465a-8acd-d25f335e488b-1

00:55:25.618 --> 00:55:29.022

with all of the information for

emergency preparedness out on

23962f1f-2cd9-465a-8acd-d25f335e488b-2

00:55:29.022 --> 00:55:30.560

our Resource Center as well.

71335190-855b-4110-97cb-c9be184ddfe9-0

00:55:32.780 --> 00:55:35.540

I I just can't tell you how he  
has it listed right this moment.

3ab7fbd1-eec5-4640-a87d-5bb152ff9253-0

00:55:38.710 --> 00:55:39.390

Good question.

e6a32803-7dc4-4500-91f3-c51a74fefabb-0

00:55:41.340 --> 00:55:42.370

Any other questions?

7672b6c7-dfdd-4a00-a8ef-58b3d5ba9a41-0

00:55:44.140 --> 00:55:44.740

Comments.

cdee18f3-6a55-4e37-b47d-51458fff5949-0

00:55:45.830 --> 00:55:48.290

I'm really. I'm really proud of  
our team.

84ed1f13-1895-4651-8f09-14e0ad3c2069-0

00:55:49.310 --> 00:55:53.813

I'm sorry, Ricky. I'm sorry.

Have we noticed an increase in

84ed1f13-1895-4651-8f09-14e0ad3c2069-1

00:55:53.813 --> 00:55:58.017

incoming calls for information

about services since the

84ed1f13-1895-4651-8f09-14e0ad3c2069-2

00:55:58.017 --> 00:56:00.720

resource guide has been put

online?

3f020a67-4b98-4c27-847c-b8e594a1bd5d-0

00:56:03.030 --> 00:56:07.039

I am not aware of any. Maybe.

Uh. Perhaps the managers have

3f020a67-4b98-4c27-847c-b8e594a1bd5d-1

00:56:07.039 --> 00:56:09.780

any of you noticed an increase

in calls?

2547413d-3201-4613-a87b-73faaea25fa8-0

00:56:11.760 --> 00:56:14.800

I haven't. I haven't noticed any

increase, no.

e6e71545-04f7-4699-9df1-bf5b2ec97666-0

00:56:17.670 --> 00:56:18.900

It's a good question.

a8671f5b-8697-4386-ac2b-e1d6ee028cf4-0

00:56:20.170 --> 00:56:24.088

Concerned about what the public  
service announcements? Uh, that

a8671f5b-8697-4386-ac2b-e1d6ee028cf4-1

00:56:24.088 --> 00:56:27.701

that you know, we wanted to  
start small so that the impact

a8671f5b-8697-4386-ac2b-e1d6ee028cf4-2

00:56:27.701 --> 00:56:31.130

on the incoming calls that  
nobody would be overwhelmed.

71cd07c6-3e8b-4a1a-9185-51b358aa0d96-0

00:56:33.890 --> 00:56:37.657

Kim um schaffeld. Do you know if  
there's been an impact in

71cd07c6-3e8b-4a1a-9185-51b358aa0d96-1

00:56:37.657 --> 00:56:41.170

central registry with calls  
going to central registry?

26701372-37fb-4a59-8053-42d271812831-0

00:56:44.310 --> 00:56:47.020

No, we haven't really seen, um.

654b3f86-d5e4-4c23-b848-5e537b2c71a6-0

00:56:48.860 --> 00:56:52.508

I don't believe an increase we'd  
probably have to pull some

654b3f86-d5e4-4c23-b848-5e537b2c71a6-1

00:56:52.508 --> 00:56:56.157

numbers from rooms to see if  
there's been an increase since

654b3f86-d5e4-4c23-b848-5e537b2c71a6-2

00:56:56.157 --> 00:56:59.745

they were released from that  
date, but I don't think we've

654b3f86-d5e4-4c23-b848-5e537b2c71a6-3

00:56:59.745 --> 00:57:03.516

seen a huge impact from that.  
Also, just to kind of follow up

654b3f86-d5e4-4c23-b848-5e537b2c71a6-4

00:57:03.516 --> 00:57:07.286

on the Resource Center is under  
emergency preparedness. Thank

654b3f86-d5e4-4c23-b848-5e537b2c71a6-5

00:57:07.286 --> 00:57:07.529

you.

2b1a1419-507a-464d-96dd-e14f65b2d817-0

00:57:11.460 --> 00:57:11.710

OK.

c1786ac0-df28-4380-b1f9-520c0e861032-0

00:57:12.860 --> 00:57:14.520

Any other questions or comments?

c0d227a6-14d0-4c2a-bcea-50d9b7c1d6c3-0

00:57:17.140 --> 00:57:21.226

OK. Umm, the next section is  
that I'm going to talk about is

c0d227a6-14d0-4c2a-bcea-50d9b7c1d6c3-1

00:57:21.226 --> 00:57:25.245

the health information exchange

HIE. We talked a little bit

c0d227a6-14d0-4c2a-bcea-50d9b7c1d6c3-2

00:57:25.245 --> 00:57:28.996

about it in the committee  
meetings this morning and how

c0d227a6-14d0-4c2a-bcea-50d9b7c1d6c3-3

00:57:28.996 --> 00:57:33.082



that ties with Akas reporting in  
our project manager, Johnny

c0d227a6-14d0-4c2a-bcea-50d9b7c1d6c3-4

00:57:33.082 --> 00:57:37.235

Nash. And these questions came  
from Doctor Higdon who was one

c0d227a6-14d0-4c2a-bcea-50d9b7c1d6c3-5

00:57:37.235 --> 00:57:41.187

of our council members and I  
thought they were really good

c0d227a6-14d0-4c2a-bcea-50d9b7c1d6c3-6

00:57:41.187 --> 00:57:45.541

questions and that's why I added  
it to today's agenda. So Johnny

c0d227a6-14d0-4c2a-bcea-50d9b7c1d6c3-7

00:57:45.541 --> 00:57:47.349

is going to have his first.

4666a482-e329-4154-a75f-7ad57a86b328-0

00:57:47.420 --> 00:57:52.695

Meeting tomorrow with Mr  
Culpepper to talk about, first

4666a482-e329-4154-a75f-7ad57a86b328-1

00:57:52.695 --> 00:57:58.629

of all, what kind of data that  
may be available to us and what

4666a482-e329-4154-a75f-7ad57a86b328-2

00:57:58.629 --> 00:57:59.760

we can pull.

093338c8-0700-41c2-acaf-a945c2abf818-0

00:58:00.900 --> 00:58:05.866

One of Doctor Higgins questions

was how often are acute care

093338c8-0700-41c2-acaf-a945c2abf818-1

00:58:05.866 --> 00:58:10.669

hospitals failing to report

eligible spinal cord and brain

093338c8-0700-41c2-acaf-a945c2abf818-2

00:58:10.669 --> 00:58:15.635

injuries? And that is a really

good question and my hopes is

093338c8-0700-41c2-acaf-a945c2abf818-3

00:58:15.635 --> 00:58:20.439

with working with HIE that we

will be able to identify any

093338c8-0700-41c2-acaf-a945c2abf818-4

00:58:20.439 --> 00:58:24.998

facilities, rehabs, centers and  
so forth that maybe are

093338c8-0700-41c2-acaf-a945c2abf818-5

00:58:24.998 --> 00:58:29.231

servicing these clients or  
getting these clients as

093338c8-0700-41c2-acaf-a945c2abf818-6

00:58:29.231 --> 00:58:30.290

patients but.

61542e77-8641-483a-8fd8-0a68fa980b69-0

00:58:30.410 --> 00:58:34.706

They are not referring to brain  
and spinal we we all know that

61542e77-8641-483a-8fd8-0a68fa980b69-1

00:58:34.706 --> 00:58:38.798

the trauma 1-2 levels one and  
two in the pediatric centers,

61542e77-8641-483a-8fd8-0a68fa980b69-2

00:58:38.798 --> 00:58:42.549

they're required to refer to  
brain and spinal. There's

61542e77-8641-483a-8fd8-0a68fa980b69-3

00:58:42.549 --> 00:58:46.641

Florida statutes that cover that  
specifically. But what I'm

61542e77-8641-483a-8fd8-0a68fa980b69-4

00:58:46.641 --> 00:58:50.801

looking to see is where else are  
clients going that may have

61542e77-8641-483a-8fd8-0a68fa980b69-5

00:58:50.801 --> 00:58:55.165

these injuries reported that the  
the program is not getting the

61542e77-8641-483a-8fd8-0a68fa980b69-6

00:58:55.165 --> 00:58:58.848

referrals from. So I think  
that's going to be kind of

61542e77-8641-483a-8fd8-0a68fa980b69-7

00:58:58.848 --> 00:59:00.690

interesting because we can.

d96c1056-ffa6-4d45-98dd-5767f1b45632-0

00:59:01.180 --> 00:59:05.699

We can look in our rim system  
and identify where referrals are

d96c1056-ffa6-4d45-98dd-5767f1b45632-1

00:59:05.699 --> 00:59:06.560

coming from.

3fa1c293-0e81-4078-8b69-802558750cd3-0

00:59:07.330 --> 00:59:11.228

And how many referrals we have  
received. So I'm kind of

3fa1c293-0e81-4078-8b69-802558750cd3-1

00:59:11.228 --> 00:59:15.544

interested to see what I can  
pull and how we can compare them

3fa1c293-0e81-4078-8b69-802558750cd3-2

00:59:15.544 --> 00:59:20.139

to what we have in rims, so that  
that was a really good question.

3fa1c293-0e81-4078-8b69-802558750cd3-3

00:59:20.139 --> 00:59:23.619

Another question was funding for  
client services.

7bd6a35e-724e-46df-8ad1-23814e94c8c3-0

00:59:24.860 --> 00:59:25.380

So.

b4219d51-223f-4c30-bb7a-7924b4da723a-0

00:59:26.760 --> 00:59:30.504

Question was how does the info

fluctuation of the funding cycle

b4219d51-223f-4c30-bb7a-7924b4da723a-1

00:59:30.504 --> 00:59:33.840

determine whether a client  
receives funding for a given?

e4be0ead-bcca-4d2f-bb3b-6f107595a8d6-0

00:59:34.550 --> 00:59:39.737

Equipment or services funding is  
services are always upon

e4be0ead-bcca-4d2f-bb3b-6f107595a8d6-1

00:59:39.737 --> 00:59:44.924

available funding, so the  
program gets approximately \$2.6

e4be0ead-bcca-4d2f-bb3b-6f107595a8d6-2

00:59:44.924 --> 00:59:45.640

million.

7e6aacdc-bec6-43cf-9449-a68e6612171a-0

00:59:46.330 --> 00:59:49.950

Every year for what we call  
purchase client services.

d0c5d22f-ad84-416b-a24b-b09936daa18c-0

00:59:51.200 --> 00:59:55.848

We take that funding, that is

our authority to spend and we

d0c5d22f-ad84-416b-a24b-b09936daa18c-1

00:59:55.848 --> 01:00:00.652

allocate that down quarterly to  
our regions the way we decide

d0c5d22f-ad84-416b-a24b-b09936daa18c-2

01:00:00.652 --> 01:00:05.300

how much a region gets out of  
the funding quarterly is it's

d0c5d22f-ad84-416b-a24b-b09936daa18c-3

01:00:05.300 --> 01:00:09.794

based on their case managers,  
caseloads from the previous

d0c5d22f-ad84-416b-a24b-b09936daa18c-4

01:00:09.794 --> 01:00:14.365

quarter, how many applicants  
they had, how many in service

d0c5d22f-ad84-416b-a24b-b09936daa18c-5

01:00:14.365 --> 01:00:16.380

clients they had, how old.

f376dec2-89c3-4caf-88f5-630979a4bf61-0

01:00:17.220 --> 01:00:21.007

I say old, but how long have

they been in applicant status?

f376dec2-89c3-4caf-88f5-630979a4bf61-1

01:00:21.007 --> 01:00:24.920

How long have they been in in  
service status and so we have a

f376dec2-89c3-4caf-88f5-630979a4bf61-2

01:00:24.920 --> 01:00:28.960

a program, we call it our budget  
calculator that is set up with

f376dec2-89c3-4caf-88f5-630979a4bf61-3

01:00:28.960 --> 01:00:32.811

these formulas. So when we plug  
in those numbers on how many

f376dec2-89c3-4caf-88f5-630979a4bf61-4

01:00:32.811 --> 01:00:33.190

cases?

1b70410a-b843-49c8-bc50-d391c51f3795-0

01:00:34.670 --> 01:00:39.227

Case Manager A had you know how  
many were applicant? How many

1b70410a-b843-49c8-bc50-d391c51f3795-1

01:00:39.227 --> 01:00:43.490

were zero to 30 days? How many



were six, six months to 12

1b70410a-b843-49c8-bc50-d391c51f3795-2

01:00:43.490 --> 01:00:47.238

months? How many are over a  
year? It automatically

1b70410a-b843-49c8-bc50-d391c51f3795-3

01:00:47.238 --> 01:00:50.620

determines how much is  
recommended for their.

e5e3effa-775d-4eb5-8f96-bed86a30c56c-0

01:00:51.610 --> 01:00:55.600

Budget for that quarter and all  
of these are all of these

e5e3effa-775d-4eb5-8f96-bed86a30c56c-1

01:00:55.600 --> 01:00:59.866

numbers. We run the reports out  
of rims for the caseloads and

e5e3effa-775d-4eb5-8f96-bed86a30c56c-2

01:00:59.866 --> 01:01:03.926

then we put them in to the  
budget calculator and we put in

e5e3effa-775d-4eb5-8f96-bed86a30c56c-3

01:01:03.926 --> 01:01:08.329

how much the allocation is for  
the quarter and then it tells us

e5e3effa-775d-4eb5-8f96-bed86a30c56c-4

01:01:08.329 --> 01:01:12.664

what the recommendation is for  
each region as a total for both

e5e3effa-775d-4eb5-8f96-bed86a30c56c-5

01:01:12.664 --> 01:01:17.136

the adult program and pediatric  
program. And it will tell us the

e5e3effa-775d-4eb5-8f96-bed86a30c56c-6

01:01:17.136 --> 01:01:20.990

funding that we should that it  
recommends for both the.

051b23af-e2cf-4187-892c-ff23e6fde2e7-0

01:01:21.630 --> 01:01:25.769

Trust fund funding and also for  
our what we call special funding

051b23af-e2cf-4187-892c-ff23e6fde2e7-1

01:01:25.769 --> 01:01:26.980

or general revenue.

198d1d95-c25f-490f-82b8-ee20cbce17c6-0

01:01:28.190 --> 01:01:29.900

So Natalie, you have a question?

8f710d04-bb49-4ca4-9417-89fe63616e12-0

01:01:30.910 --> 01:01:31.410

So.

1d9e540a-4693-49ee-b87d-20ff4edac291-0

01:01:32.370 --> 01:01:36.313

If you have a region that has a  
certain allocation and you know

1d9e540a-4693-49ee-b87d-20ff4edac291-1

01:01:36.313 --> 01:01:40.010

it if they don't use all of that  
money and you have another

1d9e540a-4693-49ee-b87d-20ff4edac291-2

01:01:40.010 --> 01:01:43.706

region that maybe has more  
people in that next quarter that

1d9e540a-4693-49ee-b87d-20ff4edac291-3

01:01:43.706 --> 01:01:46.849

has more needs, do you  
reallocate that or does the

1d9e540a-4693-49ee-b87d-20ff4edac291-4

01:01:46.849 --> 01:01:50.545

region who gets the initial

allocation just be like, oh, we

1d9e540a-4693-49ee-b87d-20ff4edac291-5

01:01:50.545 --> 01:01:54.242

have all this extra money, so

we're just going to spend it,

1d9e540a-4693-49ee-b87d-20ff4edac291-6

01:01:54.242 --> 01:01:57.816

we're just going to find

creative ways to spend it on the

1d9e540a-4693-49ee-b87d-20ff4edac291-7

01:01:57.816 --> 01:01:59.110

clients that we have.

cba9bb7a-6dff-44d8-8abf-6823e5ce90cc-0

01:02:00.050 --> 01:02:03.750

So that is a really good

question and I'm really glad

cba9bb7a-6dff-44d8-8abf-6823e5ce90cc-1

01:02:03.750 --> 01:02:07.930

that you asked that. So the way

that uh we're structured is.

28bbc0d1-2d86-441e-8912-15ed3f285162-0

01:02:08.650 --> 01:02:13.778

If if there is a region that is

falling short, funding for the

28bbc0d1-2d86-441e-8912-15ed3f285162-1

01:02:13.778 --> 01:02:14.430

quarter.

9d0dffe7-0501-44a6-8454-f68e3c0aefd8-0

01:02:15.200 --> 01:02:19.385

Then other regions who have will

say a surplus, they're not going

9d0dffe7-0501-44a6-8454-f68e3c0aefd8-1

01:02:19.385 --> 01:02:23.506

to be using all of their funding

for the quarter. They will what

9d0dffe7-0501-44a6-8454-f68e3c0aefd8-2

01:02:23.506 --> 01:02:25.980

we call donate it to the other

region.

65de6692-1a9e-4d4f-a88a-2c8c3ccaf6ca-0

01:02:26.800 --> 01:02:31.109

So we can't we have to use what

we have each quarter. I always

65de6692-1a9e-4d4f-a88a-2c8c3ccaf6ca-1

01:02:31.109 --> 01:02:35.145

hold a reserve back. I don't

allocate everything out every

65de6692-1a9e-4d4f-a88a-2c8c3ccaf6ca-2

01:02:35.145 --> 01:02:39.181

quarter. I hold a reserve back

and that reserve funding is

65de6692-1a9e-4d4f-a88a-2c8c3ccaf6ca-3

01:02:39.181 --> 01:02:43.627

typically saved for what we call

special funding requests, which

65de6692-1a9e-4d4f-a88a-2c8c3ccaf6ca-4

01:02:43.627 --> 01:02:47.663

are typically home modifications

and vehicle modifications

65de6692-1a9e-4d4f-a88a-2c8c3ccaf6ca-5

01:02:47.663 --> 01:02:50.809

because those are high ticket

dollars and so.

26e6fddb-4630-4959-af68-85733bd48e5f-0

01:02:51.550 --> 01:02:55.060

We hold those reserves back and

when those requests come in,

26e6fddb-4630-4959-af68-85733bd48e5f-1

01:02:55.060 --> 01:02:58.455

they have to follow a process to  
get approved once they're

26e6fddb-4630-4959-af68-85733bd48e5f-2

01:02:58.455 --> 01:03:01.678

approved and that money  
specifically for those services

26e6fddb-4630-4959-af68-85733bd48e5f-3

01:03:01.678 --> 01:03:04.958

pulled out of reserves and  
allocated down to the region.

26e6fddb-4630-4959-af68-85733bd48e5f-4

01:03:04.958 --> 01:03:08.469

But if a region finds that they  
need more funding during the

26e6fddb-4630-4959-af68-85733bd48e5f-5

01:03:08.469 --> 01:03:12.094

quarter and maybe another, there  
are none of the other regions

26e6fddb-4630-4959-af68-85733bd48e5f-6

01:03:12.094 --> 01:03:15.490

have excess that they can  
donate. I will pull funding from

26e6fddb-4630-4959-af68-85733bd48e5f-7

01:03:15.490 --> 01:03:18.079

the resources to give to the  
region as well.

b441898f-c6d2-45de-8c6b-a320dd69386c-0

01:03:22.300 --> 01:03:23.520

Any questions about that?

3fbdba0c-e2c8-4346-bf5a-4bc53b4b44fc-0

01:03:25.200 --> 01:03:27.190

Uh, yeah, a few questions. Um.

e754b4fd-d034-4cbc-bac3-ee0a4ede4c8c-0

01:03:27.920 --> 01:03:28.670

The.

c0ab84a0-1d11-481d-bf2b-26962509b73c-0

01:03:29.880 --> 01:03:33.670

Um, does the spending tend to be  
front loaded in in a given

c0ab84a0-1d11-481d-bf2b-26962509b73c-1

01:03:33.670 --> 01:03:37.460

quarter or does it tend to be  
backloaded once like the case

c0ab84a0-1d11-481d-bf2b-26962509b73c-2

01:03:37.460 --> 01:03:40.050

manager identify kind of what



needs are?

e4f8f237-76b1-4e40-a53b-4dc1a9060ffe-0

01:03:41.050 --> 01:03:44.070

Or is it pretty smooth

throughout the quarter?

523417a8-cf33-4153-893c-b4413385f9e7-0

01:03:45.590 --> 01:03:49.711

It's pretty smooth throughout.

Throughout the quarter. We can

523417a8-cf33-4153-893c-b4413385f9e7-1

01:03:49.711 --> 01:03:53.767

pretty much already determine

based on the authority that we

523417a8-cf33-4153-893c-b4413385f9e7-2

01:03:53.767 --> 01:03:57.889

get every year how much each

quarterly allocation is going to

523417a8-cf33-4153-893c-b4413385f9e7-3

01:03:57.889 --> 01:04:02.276

be because it it hasn't changed.

The \$2.6 million hasn't changed.

523417a8-cf33-4153-893c-b4413385f9e7-4

01:04:02.276 --> 01:04:03.540

The 1.6 trust fund.

a8f9698c-7dd7-466b-9f6f-cc945cb8d6af-0

01:04:05.130 --> 01:04:09.961

Authority that we're given, that  
is uh, given to the program up

a8f9698c-7dd7-466b-9f6f-cc945cb8d6af-1

01:04:09.961 --> 01:04:14.490

front at the beginning of the  
year, the full amount, but we

a8f9698c-7dd7-466b-9f6f-cc945cb8d6af-2

01:04:14.490 --> 01:04:19.094

don't allocate it all out at  
once. We allocate it quarterly,

a8f9698c-7dd7-466b-9f6f-cc945cb8d6af-3

01:04:19.094 --> 01:04:23.020

the special funding or the  
general revenue that is.

39f7e54e-a279-43b1-a7f3-5523477aa475-0

01:04:24.430 --> 01:04:28.266

Given the that we're given the  
authority for at the beginning

39f7e54e-a279-43b1-a7f3-5523477aa475-1

01:04:28.266 --> 01:04:31.669

of the year, finance and  
accounting only releases that

39f7e54e-a279-43b1-a7f3-5523477aa475-2

01:04:31.669 --> 01:04:34.330

quarterly, we don't get that all  
up front.

96499dd3-0b08-4ebd-87e8-b0645a668313-0

01:04:38.120 --> 01:04:41.662

Every quarter I have to go out  
to what we call the state

96499dd3-0b08-4ebd-87e8-b0645a668313-1

01:04:41.662 --> 01:04:45.702

account to see what monies have  
been released so I know how much

96499dd3-0b08-4ebd-87e8-b0645a668313-2

01:04:45.702 --> 01:04:49.494

I have to put into my budget  
calculator and allocate down to

96499dd3-0b08-4ebd-87e8-b0645a668313-3

01:04:49.494 --> 01:04:50.240

the regions.

1a151110-fe84-4b82-8706-505fa874d516-0

01:04:51.190 --> 01:04:54.183

Alright, I was aware that  
there's these different sources

1a151110-fe84-4b82-8706-505fa874d516-1

01:04:54.183 --> 01:04:57.486

of funding, um, between general  
revenue and the the Trust Fund.

1a151110-fe84-4b82-8706-505fa874d516-2

01:04:57.486 --> 01:05:00.479

But is that money like earmarked  
to be spent differently?

1a1d5d07-83fc-40ba-b384-3365cfe4b38f-0

01:05:01.350 --> 01:05:03.690

That's all for purchase client  
services.

3092ea3e-f886-4dc4-8f22-fb2e62260a98-0

01:05:04.430 --> 01:05:07.873

All right. So it's just kind of  
how it's paced out as Emily, but

3092ea3e-f886-4dc4-8f22-fb2e62260a98-1

01:05:07.873 --> 01:05:09.780

the way it's spent is is  
identical.

ed087908-901d-47b7-8ade-f427a6db8d17-0

01:05:11.260 --> 01:05:11.780

Correct.

7b1805ca-f90b-4cd8-ac98-40f7bb4a18e7-0

01:05:14.190 --> 01:05:14.680

Natalie.

0dd64ff4-9a2b-4604-9dbd-b20c70e6e784-0

01:05:15.910 --> 01:05:20.054

So if you have a region, let's  
say that they know ahead of time

0dd64ff4-9a2b-4604-9dbd-b20c70e6e784-1

01:05:20.054 --> 01:05:23.746

that maybe they've just got a  
few new people and they've

0dd64ff4-9a2b-4604-9dbd-b20c70e6e784-2

01:05:23.746 --> 01:05:27.891

already know that they're going  
to have a higher need than what

0dd64ff4-9a2b-4604-9dbd-b20c70e6e784-3

01:05:27.891 --> 01:05:31.906

the calculation would normally  
do. Is there a way for them to

0dd64ff4-9a2b-4604-9dbd-b20c70e6e784-4

01:05:31.906 --> 01:05:35.598

let you know, hey, I know the  
calculations going on last

Odd64ff4-9a2b-4604-9dbd-b20c70e6e784-5

01:05:35.598 --> 01:05:39.613

quarters people, but we just  
acquired these new people and we

Odd64ff4-9a2b-4604-9dbd-b20c70e6e784-6

01:05:39.613 --> 01:05:43.370

know that we may need an  
additional additional money this

Odd64ff4-9a2b-4604-9dbd-b20c70e6e784-7

01:05:43.370 --> 01:05:46.220

quarter. Is there a way for that  
to happen?

7dc8b565-8f68-4364-a99e-3a39eaa37fad-0

01:05:46.290 --> 01:05:48.230

Or is that something that  
doesn't usually happen?

7268caf6-a13f-4777-b99f-81445bfbf5fc-0

01:05:48.950 --> 01:05:53.060

That is not something that  
usually happens because we stay

7268caf6-a13f-4777-b99f-81445bfbf5fc-1

01:05:53.060 --> 01:05:57.310

with a standard process and  
calculation, but that's also why

7268caf6-a13f-4777-b99f-81445bfbf5fc-2

01:05:57.310 --> 01:05:59.540

I keep an an additional reserve.

14906e60-cc63-4033-85a5-edd798632ed8-0

01:06:00.320 --> 01:06:03.777

At the high level, so that if  
they find that they need

14906e60-cc63-4033-85a5-edd798632ed8-1

01:06:03.777 --> 01:06:07.109

additional funding because  
they're, they're gonna be

14906e60-cc63-4033-85a5-edd798632ed8-2

01:06:07.109 --> 01:06:11.132

running out that quarter, then I  
can pull from the reserves and

14906e60-cc63-4033-85a5-edd798632ed8-3

01:06:11.132 --> 01:06:15.093

allocate it down to the regions.

Now if I run out of reserves,

14906e60-cc63-4033-85a5-edd798632ed8-4

01:06:15.093 --> 01:06:19.054

then that's where we were pulled  
from other regions to whoever

14906e60-cc63-4033-85a5-edd798632ed8-5

01:06:19.054 --> 01:06:22.888

needs it or it like, if it's a  
special funding request for a

14906e60-cc63-4033-85a5-edd798632ed8-6

01:06:22.888 --> 01:06:26.723

home modification, it may be  
approved, but they have to hold

14906e60-cc63-4033-85a5-edd798632ed8-7

01:06:26.723 --> 01:06:30.747

it and mark it as an unmet need  
on the care plan until the next

14906e60-cc63-4033-85a5-edd798632ed8-8

01:06:30.747 --> 01:06:31.250

quarter.

732a088f-f712-41f9-87a9-d0441e7b2c93-0

01:06:31.370 --> 01:06:32.800

When we have funding available.

ad8bcb45-8fe1-4697-8041-5d43e6e71524-0

01:06:37.620 --> 01:06:41.252



Good questions. My experience in  
kind of why I posed this was

ad8bcb45-8fe1-4697-8041-5d43e6e71524-1

01:06:41.252 --> 01:06:45.002

that my my experience talking to  
case manager is like there's a

ad8bcb45-8fe1-4697-8041-5d43e6e71524-2

01:06:45.002 --> 01:06:48.693

certain piece of equipment or or  
modification that we know out

ad8bcb45-8fe1-4697-8041-5d43e6e71524-3

01:06:48.693 --> 01:06:52.502

the gate like medical insurance  
is not going to be covering for.

ad8bcb45-8fe1-4697-8041-5d43e6e71524-4

01:06:52.502 --> 01:06:56.076

And the patient can't afford to  
pay for themselves. But then

ad8bcb45-8fe1-4697-8041-5d43e6e71524-5

01:06:56.076 --> 01:06:59.709

there's always a big question  
mark, you know, will basket pay

ad8bcb45-8fe1-4697-8041-5d43e6e71524-6

01:06:59.709 --> 01:07:01.349

for it or not? And and it's.

bed89ee9-b245-4d1e-92f6-f36b8fc97c75-0

01:07:02.090 --> 01:07:05.698

At least my case manager I work

with it. It's always a question

bed89ee9-b245-4d1e-92f6-f36b8fc97c75-1

01:07:05.698 --> 01:07:09.194

mark. It's not like, OK, this

item, you know, we can count on

bed89ee9-b245-4d1e-92f6-f36b8fc97c75-2

01:07:09.194 --> 01:07:12.577

B skip paying for it and we can

count on the timeline. It's

bed89ee9-b245-4d1e-92f6-f36b8fc97c75-3

01:07:12.577 --> 01:07:15.904

always a question of we don't

really know if this piece of

bed89ee9-b245-4d1e-92f6-f36b8fc97c75-4

01:07:15.904 --> 01:07:19.400

code will pay for it. We don't

know when it's going to happen

bed89ee9-b245-4d1e-92f6-f36b8fc97c75-5

01:07:19.400 --> 01:07:22.952

and and it makes it harder for  
planning and and to communicate

bed89ee9-b245-4d1e-92f6-f36b8fc97c75-6

01:07:22.952 --> 01:07:24.870

to the people that we serve  
like.

17837019-72fd-4e9b-9452-c0e38bf488dd-0

01:07:25.990 --> 01:07:29.619

Looking forward, you know, a  
couple of weeks and and and

17837019-72fd-4e9b-9452-c0e38bf488dd-1

01:07:29.619 --> 01:07:33.121

looking forward to their  
discharge plan, but then then

17837019-72fd-4e9b-9452-c0e38bf488dd-2

01:07:33.121 --> 01:07:37.069

their life going on, what they  
can anticipate from B skip. Is

17837019-72fd-4e9b-9452-c0e38bf488dd-3

01:07:37.069 --> 01:07:41.081

that just because you know we're  
not familiar with enough with

17837019-72fd-4e9b-9452-c0e38bf488dd-4

01:07:41.081 --> 01:07:45.093

what bees can be able to do or  
or or there's more factors that

17837019-72fd-4e9b-9452-c0e38bf488dd-5

01:07:45.093 --> 01:07:49.041

be skip has to weigh before we  
approve certain types of items

17837019-72fd-4e9b-9452-c0e38bf488dd-6

01:07:49.041 --> 01:07:50.060

or budget items.

54abe41c-b809-48d8-bc8b-71a4e673e7a2-0

01:07:51.480 --> 01:07:55.065

Hopefully this question makes  
sense, but if you can help me

54abe41c-b809-48d8-bc8b-71a4e673e7a2-1

01:07:55.065 --> 01:07:58.351

with this, sure, sure, no  
problem. Yes it it does make

54abe41c-b809-48d8-bc8b-71a4e673e7a2-2

01:07:58.351 --> 01:08:01.757

sense. So when we get the  
referral and the case managers

54abe41c-b809-48d8-bc8b-71a4e673e7a2-3

01:08:01.757 --> 01:08:05.283

go out there, um, if we know  
prior to their discharge that

54abe41c-b809-48d8-bc8b-71a4e673e7a2-4

01:08:05.283 --> 01:08:08.688

they are eligible for the  
program, we can determine what

54abe41c-b809-48d8-bc8b-71a4e673e7a2-5

01:08:08.688 --> 01:08:12.393

equipment that they're going to  
be needing. So we want to get

54abe41c-b809-48d8-bc8b-71a4e673e7a2-6

01:08:12.393 --> 01:08:15.620

them enrolled as quick as  
possible. So before they're

54abe41c-b809-48d8-bc8b-71a4e673e7a2-7

01:08:15.620 --> 01:08:19.205

discharged home, they have the  
equipment in their home that

54abe41c-b809-48d8-bc8b-71a4e673e7a2-8

01:08:19.205 --> 01:08:22.551

they're going to need. Uh,  
that's definitely health and

54abe41c-b809-48d8-bc8b-71a4e673e7a2-9

01:08:22.551 --> 01:08:22.969

safety.

6c8cb9a3-1828-494f-95f5-d78f3f47e0ce-0

01:08:23.290 --> 01:08:27.089

Um reasons the funding is the  
equipment is always based, not

6c8cb9a3-1828-494f-95f5-d78f3f47e0ce-1

01:08:27.089 --> 01:08:30.951

equipment. I'm sorry, funding is  
services are always based on

6c8cb9a3-1828-494f-95f5-d78f3f47e0ce-2

01:08:30.951 --> 01:08:34.813

available funding. If for some  
reason B Skip did not have the

6c8cb9a3-1828-494f-95f5-d78f3f47e0ce-3

01:08:34.813 --> 01:08:38.675

money to cover a device that the  
client was going to need and

6c8cb9a3-1828-494f-95f5-d78f3f47e0ce-4

01:08:38.675 --> 01:08:42.474

they had no insurance, we have  
other resources that we reach

6c8cb9a3-1828-494f-95f5-d78f3f47e0ce-5

01:08:42.474 --> 01:08:46.025

out to as well. Which one of the  
big ones is Centers for

6c8cb9a3-1828-494f-95f5-d78f3f47e0ce-6

01:08:46.025 --> 01:08:50.074

independent living. They have a  
lot of equipment that we can get

6c8cb9a3-1828-494f-95f5-d78f3f47e0ce-7

01:08:50.074 --> 01:08:53.499

from them. We also work with  
other community partners.

13098677-22cc-426e-baf6-2cb956493d3c-0

01:08:53.590 --> 01:08:54.810

Like fast.

61d3b85e-88db-45b3-bfae-8a49cab7b595-0

01:08:56.030 --> 01:08:59.829

To see if they can help out. If  
there's something that the

61d3b85e-88db-45b3-bfae-8a49cab7b595-1

01:08:59.829 --> 01:09:03.241

client needs that we can't  
provide, equipment safety

61d3b85e-88db-45b3-bfae-8a49cab7b595-2

01:09:03.241 --> 01:09:07.169

equipment is number one. We  
always make sure that we get the

61d3b85e-88db-45b3-bfae-8a49cab7b595-3

01:09:07.169 --> 01:09:11.161

client what it is they're going  
to need, whether it's covered

61d3b85e-88db-45b3-bfae-8a49cab7b595-4

01:09:11.161 --> 01:09:14.896

through insurance, we can help  
coordinate that or if it's

61d3b85e-88db-45b3-bfae-8a49cab7b595-5

01:09:14.896 --> 01:09:18.952

something that we pay for. And  
sometimes we have to rent items

61d3b85e-88db-45b3-bfae-8a49cab7b595-6

01:09:18.952 --> 01:09:22.880

in order for the client to get  
home and start their recovery

61d3b85e-88db-45b3-bfae-8a49cab7b595-7

01:09:22.880 --> 01:09:25.070

into their new life, so to



speak.

44415f03-a736-4b2f-b624-c9e2326131ca-0

01:09:25.900 --> 01:09:27.060

Does that answer your question?

55006081-edae-4ad9-b2ff-a26de22c8418-0

01:09:31.930 --> 01:09:32.530

Doctor Higdon.

f9120938-71b0-4484-8686-8e9d8874a343-0

01:09:33.340 --> 01:09:33.480

The.

070cec42-2160-470b-9972-e7bf2e446a3f-0

01:09:34.220 --> 01:09:38.407

Uh, it helps some. Um, so maybe

like the prototype will item is

070cec42-2160-470b-9972-e7bf2e446a3f-1

01:09:38.407 --> 01:09:42.464

like, uh, like a shower chair or

like, a like a more advanced

070cec42-2160-470b-9972-e7bf2e446a3f-2

01:09:42.464 --> 01:09:46.128

like commode chair, which we

know like for for people's

070cec42-2160-470b-9972-e7bf2e446a3f-3

01:09:46.128 --> 01:09:47.960

spinal cord injury. So like.

ff50a028-5163-49c3-b101-e9f3850b4210-0

01:09:49.980 --> 01:09:50.610

Um.

81ba3e9f-7dd8-480c-9a07-6653fd3767a3-0

01:09:52.030 --> 01:09:55.698

Will be skipped like always

provide that sort of thing for

81ba3e9f-7dd8-480c-9a07-6653fd3767a3-1

01:09:55.698 --> 01:09:59.243

patient as long as like you

know, unless like Center for

81ba3e9f-7dd8-480c-9a07-6653fd3767a3-2

01:09:59.243 --> 01:10:03.160

independent living or or fast.

Well, I guess we're not sure if

81ba3e9f-7dd8-480c-9a07-6653fd3767a3-3

01:10:03.160 --> 01:10:06.829

this be fast, would would

provide it, but like it. Is that

81ba3e9f-7dd8-480c-9a07-6653fd3767a3-4

01:10:06.829 --> 01:10:10.747

something that we can count on B

skip to like pay for like for

81ba3e9f-7dd8-480c-9a07-6653fd3767a3-5

01:10:10.747 --> 01:10:14.353

every patient that has a

traumatic spinal cord injury. So

81ba3e9f-7dd8-480c-9a07-6653fd3767a3-6

01:10:14.353 --> 01:10:17.898

the answer is can you always

depend on be skipped or the

81ba3e9f-7dd8-480c-9a07-6653fd3767a3-7

01:10:17.898 --> 01:10:21.567

question is can you always

depend on B skip to pay for the

81ba3e9f-7dd8-480c-9a07-6653fd3767a3-8

01:10:21.567 --> 01:10:22.499

that equipment.

e9f77033-e6cf-4d0a-b446-57091d5f46a8-0

01:10:22.740 --> 01:10:27.312

I'm gonna have to say no because

we are based on available

e9f77033-e6cf-4d0a-b446-57091d5f46a8-1

01:10:27.312 --> 01:10:32.040

funding, but I can't think of  
any time where a client needed

e9f77033-e6cf-4d0a-b446-57091d5f46a8-2

01:10:32.040 --> 01:10:36.535

like a a transfer board, a  
shower chair where we have not

e9f77033-e6cf-4d0a-b446-57091d5f46a8-3

01:10:36.535 --> 01:10:39.170

provided that because of  
funding.

f57efe33-e23b-4d77-943f-695f2177ce63-0

01:10:41.930 --> 01:10:44.810

The key here to remember is  
available funding.

6698e7cc-e57f-4193-a5d7-4719c04b2c34-0

01:10:45.960 --> 01:10:50.040

So. So that's the funding cycle  
like?

108acec8-403b-48e9-afb6-59e6326d447d-0

01:10:51.020 --> 01:10:54.736

What like why is there going to  
be available funding one point

108acec8-403b-48e9-afb6-59e6326d447d-1

01:10:54.736 --> 01:10:58.630

in time and not another point in  
time? Or like help me understand

108acec8-403b-48e9-afb6-59e6326d447d-2

01:10:58.630 --> 01:10:59.220

that like.

ffde0188-70c8-4f02-8780-6cb93fc4208f-0

01:11:00.180 --> 01:11:03.593

Sometimes people get it,  
sometimes people don't. Like

ffde0188-70c8-4f02-8780-6cb93fc4208f-1

01:11:03.593 --> 01:11:07.702

why? Why there's this different,  
different depending on the time

ffde0188-70c8-4f02-8780-6cb93fc4208f-2

01:11:07.702 --> 01:11:11.621

point. So the the difference is  
typically the special funding

ffde0188-70c8-4f02-8780-6cb93fc4208f-3

01:11:11.621 --> 01:11:12.189

requests.

4399f969-daae-4aea-9be4-66dcf6622d91-0

01:11:13.000 --> 01:11:17.529

Those are usually anywhere from  
\$25,000, maybe to \$40,000, and

4399f969-daae-4aea-9be4-66dcf6622d91-1

01:11:17.529 --> 01:11:21.483

we're talking about home  
modifications. So the regions

4399f969-daae-4aea-9be4-66dcf6622d91-2

01:11:21.483 --> 01:11:25.941

already typically are set up  
with their quarterly allocations

4399f969-daae-4aea-9be4-66dcf6622d91-3

01:11:25.941 --> 01:11:30.614

and they know in advance when a  
client's going home what they're

4399f969-daae-4aea-9be4-66dcf6622d91-4

01:11:30.614 --> 01:11:33.850

going to have. And so each  
regional manager.

9b55b371-2e46-4e91-9452-b2106750314e-0

01:11:34.550 --> 01:11:37.680

Budgets, their funding  
quarterly.

968857d1-1f2e-4c1b-81ba-63ff6d85e7e6-0

01:11:38.910 --> 01:11:42.814

The only time that we really  
would not have available funding

968857d1-1f2e-4c1b-81ba-63ff6d85e7e6-1

01:11:42.814 --> 01:11:46.592

is if all the reserves were  
taken and then those are like I

968857d1-1f2e-4c1b-81ba-63ff6d85e7e6-2

01:11:46.592 --> 01:11:50.371

said before, those are typically  
for home modifications and

968857d1-1f2e-4c1b-81ba-63ff6d85e7e6-3

01:11:50.371 --> 01:11:54.086

vehicle modifications. The  
regions don't really run out of

968857d1-1f2e-4c1b-81ba-63ff6d85e7e6-4

01:11:54.086 --> 01:11:55.220

funding quarterly.

a77eff6c-34d0-46e3-a41e-931ad156753b-0

01:11:57.510 --> 01:12:01.464

OK, so something like like my my  
my example of like a shower

a77eff6c-34d0-46e3-a41e-931ad156753b-1

01:12:01.464 --> 01:12:05.549

chair like that shouldn't which  
can run like several \$1000 but

a77eff6c-34d0-46e3-a41e-931ad156753b-2

01:12:05.549 --> 01:12:09.115

that should be able to be  
covered like any any time of

a77eff6c-34d0-46e3-a41e-931ad156753b-3

01:12:09.115 --> 01:12:13.200

year but it's just a matter of  
like how quickly is that right,

a77eff6c-34d0-46e3-a41e-931ad156753b-4

01:12:13.200 --> 01:12:17.025

correct correct. So if they  
don't have insurance that will

a77eff6c-34d0-46e3-a41e-931ad156753b-5

01:12:17.025 --> 01:12:21.304

cover it and the client needs it  
it's gonna be most likely that B

a77eff6c-34d0-46e3-a41e-931ad156753b-6

01:12:21.304 --> 01:12:23.119

skip is going to cover that.



3698ea90-cd3d-4d40-bc02-75bc9702dd21-0

01:12:25.270 --> 01:12:25.780

Natalie.

ee23259d-f664-4941-a95d-112e9de13707-0

01:12:26.450 --> 01:12:29.561

So. So I just wanted to

interject as far as those DME

ee23259d-f664-4941-a95d-112e9de13707-1

01:12:29.561 --> 01:12:33.307

items because I know B skip is a

pair of last resort and because

ee23259d-f664-4941-a95d-112e9de13707-2

01:12:33.307 --> 01:12:36.765

they are a pair of last resort

which you know kind of is in

ee23259d-f664-4941-a95d-112e9de13707-3

01:12:36.765 --> 01:12:40.108

between like Medicaid also

saying hey, we're the payer of

ee23259d-f664-4941-a95d-112e9de13707-4

01:12:40.108 --> 01:12:43.623

last resort. But in general when

you have somebody who's now

ee23259d-f664-4941-a95d-112e9de13707-5

01:12:43.623 --> 01:12:47.196

significantly injured depending  
on how quickly you know their

ee23259d-f664-4941-a95d-112e9de13707-6

01:12:47.196 --> 01:12:50.942

Social Security application gets  
processed, they may end up with

ee23259d-f664-4941-a95d-112e9de13707-7

01:12:50.942 --> 01:12:54.515

Medicaid very quickly. And if  
they end up with Medicaid, then

ee23259d-f664-4941-a95d-112e9de13707-8

01:12:54.515 --> 01:12:56.590

Medicaid will purchase that  
shower.

cc8a48a2-b514-4577-9cc3-c22c80a17b76-0

01:12:56.670 --> 01:13:00.687

Care. They just needs to write  
documentation from the medical

cc8a48a2-b514-4577-9cc3-c22c80a17b76-1

01:13:00.687 --> 01:13:04.640

doctor and possibly, you know,  
some other staff members that

cc8a48a2-b514-4577-9cc3-c22c80a17b76-2

01:13:04.640 --> 01:13:08.851

are assessing the needs of that  
individual. In theory. You know,

cc8a48a2-b514-4577-9cc3-c22c80a17b76-3

01:13:08.851 --> 01:13:12.674

because we know how Medicaid  
works and we know how long it

cc8a48a2-b514-4577-9cc3-c22c80a17b76-4

01:13:12.674 --> 01:13:16.044

takes for, you know,  
procurement. Umm, you know, if

cc8a48a2-b514-4577-9cc3-c22c80a17b76-5

01:13:16.044 --> 01:13:19.802

the Center for independent  
living like and I can just use

cc8a48a2-b514-4577-9cc3-c22c80a17b76-6

01:13:19.802 --> 01:13:23.690

Jacksonville as a as an example,  
the Center for Independent

cc8a48a2-b514-4577-9cc3-c22c80a17b76-7

01:13:23.690 --> 01:13:27.060

Living has a loan closet. They

loan out the shower.

6da2037c-ba8a-4e35-b0f7-00a909e70862-0

01:13:27.130 --> 01:13:31.522

There, while the patient is  
waiting for Medicaid to bring

6da2037c-ba8a-4e35-b0f7-00a909e70862-1

01:13:31.522 --> 01:13:36.217

them their chair, that has been  
ordered. And so I I would say

6da2037c-ba8a-4e35-b0f7-00a909e70862-2

01:13:36.217 --> 01:13:40.988

because of limited funding, we  
should always be looking at the

6da2037c-ba8a-4e35-b0f7-00a909e70862-3

01:13:40.988 --> 01:13:45.608

fact that, Umm, you know when  
when a patient is there at the

6da2037c-ba8a-4e35-b0f7-00a909e70862-4

01:13:45.608 --> 01:13:49.925

facility trying to get some of  
those things ordered more

6da2037c-ba8a-4e35-b0f7-00a909e70862-5

01:13:49.925 --> 01:13:54.620

quickly. So by the time that  
they are being released from the

6da2037c-ba8a-4e35-b0f7-00a909e70862-6

01:13:54.620 --> 01:13:57.650

hospital that they have that  
equipment.

a75411f3-3ec3-4b19-b92a-ab855f7ac7dd-0

01:13:57.740 --> 01:14:01.004

Or are soon to have that  
equipment when they get home.

a75411f3-3ec3-4b19-b92a-ab855f7ac7dd-1

01:14:01.004 --> 01:14:04.624

But I think the other part of  
that is we're also looking at,

a75411f3-3ec3-4b19-b92a-ab855f7ac7dd-2

01:14:04.624 --> 01:14:08.185

you know, uh, and I say this,  
I'm a quad. I can easily, you

a75411f3-3ec3-4b19-b92a-ab855f7ac7dd-3

01:14:08.185 --> 01:14:11.687

know, even if you have a shower  
chair, if you don't have a

a75411f3-3ec3-4b19-b92a-ab855f7ac7dd-4

01:14:11.687 --> 01:14:15.485

shower to put it in or or, you  
know it it, it becomes kind of a

a75411f3-3ec3-4b19-b92a-ab855f7ac7dd-5

01:14:15.485 --> 01:14:19.283

new point. So it's kind of like  
just trying to make sure all of

a75411f3-3ec3-4b19-b92a-ab855f7ac7dd-6

01:14:19.283 --> 01:14:22.666

those things are are options.  
And I know that one of the

a75411f3-3ec3-4b19-b92a-ab855f7ac7dd-7

01:14:22.666 --> 01:14:26.405

things and and I could tell you  
because I just spoke with this

a75411f3-3ec3-4b19-b92a-ab855f7ac7dd-8

01:14:26.405 --> 01:14:27.830

guy. He was after three.

b5083f45-28fc-41cb-8d46-3f93a0b7849e-0

01:14:27.900 --> 01:14:32.898

Have, Umm, you know he's a  
T45HE? Not. Excuse me? Not TC.

b5083f45-28fc-41cb-8d46-3f93a0b7849e-1

01:14:32.898 --> 01:14:38.414

He's a C-45 and you know, they  
were talking to me about some of

b5083f45-28fc-41cb-8d46-3f93a0b7849e-2

01:14:38.414 --> 01:14:43.500

the equipment that was being  
ordered for him for when he's

b5083f45-28fc-41cb-8d46-3f93a0b7849e-3

01:14:43.500 --> 01:14:45.310

released to home and.

95a3a9f7-7439-4375-b1fc-b03651b26652-0

01:14:46.180 --> 01:14:50.016

I I even think that there's  
sometimes equipment that we're

95a3a9f7-7439-4375-b1fc-b03651b26652-1

01:14:50.016 --> 01:14:53.982

not thinking about. I mean,  
everybody always goes to the the

95a3a9f7-7439-4375-b1fc-b03651b26652-2

01:14:53.982 --> 01:14:58.014

Hoyer lift, the Hoyer lift, the  
Hoyer lift, the Hoyer lift is

95a3a9f7-7439-4375-b1fc-b03651b26652-3

01:14:58.014 --> 01:14:59.900

horrible for a lot of people.

2bae9522-a7e6-4787-aeca-bd7b88f40b35-0

01:15:00.710 --> 01:15:04.431

Because you have to manhandle  
somebody in order to get that,

2bae9522-a7e6-4787-aeca-bd7b88f40b35-1

01:15:04.431 --> 01:15:08.213

Umm. Or what do you call that  
thing? The sling? You know? So,

2bae9522-a7e6-4787-aeca-bd7b88f40b35-2

01:15:08.213 --> 01:15:12.117

so, like, literally, especially  
if the whole point in using the

2bae9522-a7e6-4787-aeca-bd7b88f40b35-3

01:15:12.117 --> 01:15:15.899

Hoyer lift is to move somebody,  
but you're also worried about

2bae9522-a7e6-4787-aeca-bd7b88f40b35-4

01:15:15.899 --> 01:15:19.864

the cubitus, you know, the Hoyer  
lift ends up becoming something

2bae9522-a7e6-4787-aeca-bd7b88f40b35-5



01:15:19.864 --> 01:15:23.829

that that's kind of can be a bad  
thing because now it it, it may

2bae9522-a7e6-4787-aeca-bd7b88f40b35-6

01:15:23.829 --> 01:15:27.733

have to stay under the patient  
or the caregiver is not going to

2bae9522-a7e6-4787-aeca-bd7b88f40b35-7

01:15:27.733 --> 01:15:30.540

be able to or has the manhandle,  
the patient.

def77616-6d53-4ada-9ff7-1fe733ac7b11-0

01:15:30.670 --> 01:15:34.605

In order to get the sling out  
and people don't understand that

def77616-6d53-4ada-9ff7-1fe733ac7b11-1

01:15:34.605 --> 01:15:38.479

there are other options of of  
equipment that does not require

def77616-6d53-4ada-9ff7-1fe733ac7b11-2

01:15:38.479 --> 01:15:42.352

having that sling completely  
under the person. I mean there's

def77616-6d53-4ada-9ff7-1fe733ac7b11-3

01:15:42.352 --> 01:15:46.288

two other types of lips that I  
can think of that that would be

def77616-6d53-4ada-9ff7-1fe733ac7b11-4

01:15:46.288 --> 01:15:49.912

way more beneficial for an  
individual with certain spinal

def77616-6d53-4ada-9ff7-1fe733ac7b11-5

01:15:49.912 --> 01:15:53.847

injuries, especially if they're  
a larger person, to be able to

def77616-6d53-4ada-9ff7-1fe733ac7b11-6

01:15:53.847 --> 01:15:57.783

do transfers. So, so, and maybe  
I'm just running down a rabbit

def77616-6d53-4ada-9ff7-1fe733ac7b11-7

01:15:57.783 --> 01:16:00.970

hole, but I think that because  
of the way funding.

e25db96a-2f88-43b7-8e99-19bf60de9b57-0

01:16:01.050 --> 01:16:04.636

Is we need to really be thinking  
about what is beast get

e25db96a-2f88-43b7-8e99-19bf60de9b57-1

01:16:04.636 --> 01:16:08.284

providing versus what Medicaid's  
going to provide and the

e25db96a-2f88-43b7-8e99-19bf60de9b57-2

01:16:08.284 --> 01:16:11.870

timelines on which you can  
replace equipment because you

e25db96a-2f88-43b7-8e99-19bf60de9b57-3

01:16:11.870 --> 01:16:15.519

don't want to end up in a  
situation where somebody gets a

e25db96a-2f88-43b7-8e99-19bf60de9b57-4

01:16:15.519 --> 01:16:19.483

piece of equipment that is not  
what they actually are going to

e25db96a-2f88-43b7-8e99-19bf60de9b57-5

01:16:19.483 --> 01:16:23.258

need long term, but they can't  
get anything new because you

e25db96a-2f88-43b7-8e99-19bf60de9b57-6

01:16:23.258 --> 01:16:25.460

know they have to wait five

years.

cc29292d-2834-4651-bfa5-dd4a81c125e7-0

01:16:26.640 --> 01:16:29.856

So so I you know, and that's all

Medicaid, you know, stuff and

cc29292d-2834-4651-bfa5-dd4a81c125e7-1

01:16:29.856 --> 01:16:33.021

and if they're only going to be

in the basket program for two

cc29292d-2834-4651-bfa5-dd4a81c125e7-2

01:16:33.021 --> 01:16:35.932

years, then you know, and

they're going to look at that,

cc29292d-2834-4651-bfa5-dd4a81c125e7-3

01:16:35.932 --> 01:16:37.770

they're look what you already

have.

11d9180d-6ecf-4560-8ba2-4dd2f8670953-0

01:16:38.920 --> 01:16:42.167

But but in general I you know

not to digress, but you know, I

11d9180d-6ecf-4560-8ba2-4dd2f8670953-1

01:16:42.167 --> 01:16:45.572

I think we have to be looking at  
these other funding sources and

11d9180d-6ecf-4560-8ba2-4dd2f8670953-2

01:16:45.572 --> 01:16:48.925

how are they working when we're  
thinking about the funding that

11d9180d-6ecf-4560-8ba2-4dd2f8670953-3

01:16:48.925 --> 01:16:51.753

B skip is doing toward a  
particular client. Does that

11d9180d-6ecf-4560-8ba2-4dd2f8670953-4

01:16:51.753 --> 01:16:52.330

make sense?

5f3a6edc-7711-4c53-a396-a691b5a3450b-0

01:16:55.880 --> 01:16:57.140

Yes. Yeah.

80723309-ed5-4705-bc49-bca431843ca6-0

01:17:00.600 --> 01:17:04.603

So we have a we have a service  
in beach skip where it's a new

80723309-ed5-4705-bc49-bca431843ca6-1

01:17:04.603 --> 01:17:08.026

service and it's called

transitional case management

80723309-ed5-4705-bc49-bca431843ca6-2

01:17:08.026 --> 01:17:11.643

where we utilize the case

managers from the Centers for

80723309-ed5-4705-bc49-bca431843ca6-3

01:17:11.643 --> 01:17:12.870

Independent Living.

cbcc9534-f583-4549-9916-4ba4a5d830cd-0

01:17:13.760 --> 01:17:16.740

And it's a we have 3 tiers on

it.

27abc981-7e48-4f67-bef7-a6ccddb7dd37-0

01:17:17.640 --> 01:17:22.241

But basically, uh, we authorized

them to work with our clients to

27abc981-7e48-4f67-bef7-a6ccddb7dd37-1

01:17:22.241 --> 01:17:26.494

help find some of these other

sources, like how applying for

27abc981-7e48-4f67-bef7-a6ccddb7dd37-2

01:17:26.494 --> 01:17:30.678

Medicaid, they will help them

apply for Medicaid. They will

27abc981-7e48-4f67-bef7-a6ccddb7dd37-3

01:17:30.678 --> 01:17:35.070

help them see if they qualify

for jpass, for SNAP, for any. We

27abc981-7e48-4f67-bef7-a6ccddb7dd37-4

01:17:35.070 --> 01:17:38.975

have a whole list of these other

programs. And so we we

27abc981-7e48-4f67-bef7-a6ccddb7dd37-5

01:17:38.975 --> 01:17:43.158

authorized them to go into work

with the client to see what

27abc981-7e48-4f67-bef7-a6ccddb7dd37-6

01:17:43.158 --> 01:17:47.271

they're eligible for with the

expectation of when they are

27abc981-7e48-4f67-bef7-a6ccddb7dd37-7

01:17:47.271 --> 01:17:47.760

closed.

569defb9-57cf-4266-b877-a52fd2b8fe96-0

01:17:47.830 --> 01:17:51.641

Can be skipped. We have closed

all the gaps for the client of

569defb9-57cf-4266-b877-a52fd2b8fe96-1

01:17:51.641 --> 01:17:55.575

all possible services that they  
may qualify for so that they're

569defb9-57cf-4266-b877-a52fd2b8fe96-2

01:17:55.575 --> 01:17:56.620

set up long term.

482c3689-3e70-48d0-ad23-889cd91ece9b-0

01:18:01.570 --> 01:18:04.489

It may be interesting when we  
don't, we aren't gonna

482c3689-3e70-48d0-ad23-889cd91ece9b-1

01:18:04.489 --> 01:18:05.040

obviously.

c7c279ae-32c2-4de4-8d77-632700efc370-0

01:18:06.100 --> 01:18:10.372

Uh have time for discussion for  
this now, but to see how many

c7c279ae-32c2-4de4-8d77-632700efc370-1

01:18:10.372 --> 01:18:14.508

patients or or how many clients  
actually have the incorrect



c7c279ae-32c2-4de4-8d77-632700efc370-2

01:18:14.508 --> 01:18:18.918

equipment recommended, because  
that's usually a function of the

c7c279ae-32c2-4de4-8d77-632700efc370-3

01:18:18.918 --> 01:18:21.400

the rehab team when they're at  
the.

e65a14ef-0b2e-4ee5-a8b2-c3199c538550-0

01:18:22.020 --> 01:18:25.180

The rehab facility, so it's like  
the therapist and they're and

e65a14ef-0b2e-4ee5-a8b2-c3199c538550-1

01:18:25.180 --> 01:18:28.392

the physician and they're basing  
it off of what they're hearing

e65a14ef-0b2e-4ee5-a8b2-c3199c538550-2

01:18:28.392 --> 01:18:31.502

from the patient and the family  
on on their home situation or

e65a14ef-0b2e-4ee5-a8b2-c3199c538550-3

01:18:31.502 --> 01:18:34.212

they're doing a home

accessibility checklist and some

e65a14ef-0b2e-4ee5-a8b2-c3199c538550-4

01:18:34.212 --> 01:18:37.273

different things like that. So

it just might be something to

e65a14ef-0b2e-4ee5-a8b2-c3199c538550-5

01:18:37.273 --> 01:18:40.534

kind of tuck in the back of our

minds to see if there's a way to

e65a14ef-0b2e-4ee5-a8b2-c3199c538550-6

01:18:40.534 --> 01:18:43.544

track or trend that you're

hearing or you're seeing. And so

e65a14ef-0b2e-4ee5-a8b2-c3199c538550-7

01:18:43.544 --> 01:18:46.705

you're we're having to purchase

equipment because they had the

e65a14ef-0b2e-4ee5-a8b2-c3199c538550-8

01:18:46.705 --> 01:18:47.910

wrong equipment ordered.

a5380e61-7c1c-488c-98ac-821413fb1b05-0

01:18:49.380 --> 01:18:52.002

That might not be a function

that we want to do, but it's

a5380e61-7c1c-488c-98ac-821413fb1b05-1

01:18:52.002 --> 01:18:54.760

just something that, as she was  
speaking, kind of struck me.

4681db44-add1-46ed-b8a5-a44e4d1532f6-0

01:18:56.610 --> 01:18:58.460

That's a that's an excellent  
suggestion.

667ff035-2eb9-480f-83b1-fa00225f52fe-0

01:18:59.300 --> 01:18:59.810

Excellent.

1b3b6e72-6307-43e8-8276-1be519cf56b5-0

01:19:03.370 --> 01:19:06.705

OK. Are there any more questions  
regarding funding for purchase

1b3b6e72-6307-43e8-8276-1be519cf56b5-1

01:19:06.705 --> 01:19:10.040

client services? Because I think  
we kind of hit on all of those

1b3b6e72-6307-43e8-8276-1be519cf56b5-2

01:19:10.040 --> 01:19:13.219

questions that doctor Higden

had, they were great too by the

1b3b6e72-6307-43e8-8276-1be519cf56b5-3

01:19:13.219 --> 01:19:14.470

way. Thank you for that.

6313b6c7-b7e0-4af2-822a-b8a7b61381c1-0

01:19:16.890 --> 01:19:17.800

Thanks for going over there.

1b8dcaa6-3b70-480d-b24d-4874c930e3b2-0

01:19:19.570 --> 01:19:20.120

Absolutely.

b5570cd0-c943-486b-917c-025c9ea9dbd0-0

01:19:21.260 --> 01:19:25.572

We have a speaker at 2:30 uh  
doctor uh Dalton Dietrich from

b5570cd0-c943-486b-917c-025c9ea9dbd0-1

01:19:25.572 --> 01:19:29.885

the uh. He's the scientific  
director from the Miami project

b5570cd0-c943-486b-917c-025c9ea9dbd0-2

01:19:29.885 --> 01:19:34.198

to cure paralysis. Do you all  
wanna take just a short break

b5570cd0-c943-486b-917c-025c9ea9dbd0-3

01:19:34.198 --> 01:19:38.798

until 2:30 and then we can come

back at 2:30 and I can't see if

b5570cd0-c943-486b-917c-025c9ea9dbd0-4

01:19:38.798 --> 01:19:43.470

he's online yet or not. But that

will allow time for him to come

b5570cd0-c943-486b-917c-025c9ea9dbd0-5

01:19:43.470 --> 01:19:44.980

online and get ready.

fb2647a-777f-436b-b5c7-1ce8f30561c3-0

01:19:45.710 --> 01:19:48.850

Do you wanna break or do you

wanna keep keep going.

812005e3-1522-4664-9692-d54bf2264bbc-0

01:19:51.150 --> 01:19:54.903

Take a break. OK, then we'll

just take a A short 10 minute

812005e3-1522-4664-9692-d54bf2264bbc-1

01:19:54.903 --> 01:19:56.940

break and we'll be back at 2:30.

91d7b302-41cb-4210-9173-a40c701dfa1d-0

01:19:58.180 --> 01:19:59.930

Thank you. Thank you. Thank you.

351dc594-30f1-4865-8035-c52f7cbb4e16-0

01:22:03.970 --> 01:22:05.520

Doctor Dietrich, can you hear  
me?

f9bdc23e-5ae9-4b85-839e-d3ed570bfc02-0

01:22:13.020 --> 01:22:25.560

02158115-86b8-4b22-b58b-88fbd4c81634-0

01:22:34.760 --> 01:22:36.050

Doctor Dietrich, can you hear  
me?

d243e7e3-d308-472f-b76d-1339f5615231-0

01:22:37.340 --> 01:22:41.918

Yes, I can. OK, I just. We're  
just taking a short break and

d243e7e3-d308-472f-b76d-1339f5615231-1

01:22:41.918 --> 01:22:44.590

everybody's gonna be back at  
2:30.

05a228ce-58f2-437a-8a2f-6151ba76f67f-0

01:22:45.840 --> 01:22:48.520

OK, very good. OK, thank you.

bf3267af-9999-4332-a98e-0a35345042da-0

01:22:49.260 --> 01:22:49.860

Thank you.

e1f4b926-36c9-4753-88c7-3bf217c6d599-0

01:22:50.700 --> 01:23:09.900

e28f5ac8-2077-4c44-900a-9db9ca04c658-0

01:23:25.150 --> 01:23:25.420

Yes.

2c0f458e-8cbf-45bf-beda-21b05205c326-0

01:23:39.310 --> 01:23:40.100

Like next year?

bf7bc180-3a8f-441f-ad4a-05ba885b1e8b-0

01:23:42.540 --> 01:23:43.440

So as soon as I.

c25c31fe-eaab-494a-b0e0-90aad3dfbb36-0

01:23:44.400 --> 01:23:45.510

You're right here.

ee627f93-30bd-4ce7-9362-91a78bf5f30e-0

01:23:46.740 --> 01:23:49.694

Do you want me to put this one

in the other and this side make

ee627f93-30bd-4ce7-9362-91a78bf5f30e-1

01:23:49.694 --> 01:23:50.820

it bigger or that works?

98946d38-286c-4fc0-afbd-548da2728a3e-0

01:23:54.080 --> 01:23:55.910

You kind of like see here.

633dff78-332e-4d4f-81b2-d7c645942dc8-0

01:23:58.900 --> 01:24:01.160

They're on the unit, so you just

have to bring them.

93ea2d29-85e6-4b7b-b6aa-9c13b769c0a2-0

01:24:06.150 --> 01:24:06.550

Up.

ebb64246-0aaa-40ba-94ab-fe0a9b21b63e-0

01:24:45.270 --> 01:24:46.590

c25ee810-f786-494a-be57-d83d3efedf81-0

01:24:49.580 --> 01:24:50.200

Shannon.

d5abb304-086f-469e-9057-b380fb06f7c3-0

01:24:52.140 --> 01:24:52.950



Can you share?

8a54aade-f087-4db3-9bab-9baa5a75100b-0

01:24:53.890 --> 01:24:54.440

This one.

babcbcd3-774e-4406-b100-1e4ef0382ec8-0

01:25:04.470 --> 01:25:06.200

Leave it up here if you want.

75b0d47e-2e05-4b94-bc7c-d1b943930aad-0

01:25:07.570 --> 01:25:08.950

We can slides from here.

e2ba4a3a-c28f-41dd-9d64-63fab91f24b3-0

01:25:09.660 --> 01:25:11.540

We can see your your screens.

0e0aefff-0ee7-4654-8bbe-859f912be1fd-0

01:25:13.870 --> 01:25:15.180

You can see the screens.

7abd6701-c9f2-416b-b619-6236a161488d-0

01:25:16.620 --> 01:25:17.350

OK, perfect.

37c7d69a-eeed-4601-b6a8-44f62dc80db0-0

01:25:20.760 --> 01:25:23.501

I know it gets confusing

sometimes on whether it's

37c7d69a-eeed-4601-b6a8-44f62dc80db0-1

01:25:23.501 --> 01:25:26.727

somebody can see a screen or  
not, usually in teams. I don't

37c7d69a-eeed-4601-b6a8-44f62dc80db0-2

01:25:26.727 --> 01:25:30.113

know how much you all work with  
teams, but when you're sharing

37c7d69a-eeed-4601-b6a8-44f62dc80db0-3

01:25:30.113 --> 01:25:33.339

your screen you get a big red  
box around around eight. Yes,

37c7d69a-eeed-4601-b6a8-44f62dc80db0-4

01:25:33.339 --> 01:25:36.780

that's that's letting you know  
that you're sharing your screen.

0a377049-9bc3-4cfe-a99d-65d2e9de8114-0

01:25:37.920 --> 01:25:42.124

Yeah. The the thing about it is  
that the university is used to

0a377049-9bc3-4cfe-a99d-65d2e9de8114-1

01:25:42.124 --> 01:25:46.195

using zoom, so we're so used to  
zoom now. So every time they

0a377049-9bc3-4cfe-a99d-65d2e9de8114-2

01:25:46.195 --> 01:25:49.666

switch it to teams, it's a  
little confusing, but no

0a377049-9bc3-4cfe-a99d-65d2e9de8114-3

01:25:49.666 --> 01:25:50.200

problem.

fbf82302-9491-475e-a30e-645c0856ca5e-0

01:25:51.660 --> 01:25:54.230

I'm a teams expert. I use it all  
the time.

430c3b1d-a0ca-4566-b5d0-6874a9ecfda9-0

01:25:55.830 --> 01:25:59.000

She is OK. Well, nice to meet a  
teams expert.

c68fe208-d159-4695-a66a-5b8bd94a2fa3-0

01:26:00.770 --> 01:26:02.730

Can you hear me OK? Yes, Sir.

99b18a9c-43bc-4d1d-9c9d-7068a5df9239-0

01:26:03.770 --> 01:26:04.410

Very good.

37ca3e9d-754f-4526-b088-c3ba324e5a07-0

01:27:25.360 --> 01:27:25.770

Yeah.

ca735183-34d8-4813-936f-2f657ee15004-0

01:27:40.510 --> 01:27:45.810

e0cc3c8d-4837-4c66-9f2c-b8fa954ff5ed-0

01:28:36.600 --> 01:28:40.502

Hey, Eric. Um, we're just on a  
short break, and we're gonna be

e0cc3c8d-4837-4c66-9f2c-b8fa954ff5ed-1

01:28:40.502 --> 01:28:42.670

coming back and starting in  
about.

c84f5e9a-ba83-42f5-afa0-1bb8f4d3c928-0

01:28:43.070 --> 01:28:44.090

2-3 minutes.

3375e3ef-0c43-4271-bb5e-834929ab6260-0

01:28:52.710 --> 01:28:56.737

Hey. Hey. I have been actually  
listening all this time. Ohh OK.

3375e3ef-0c43-4271-bb5e-834929ab6260-1

01:28:56.737 --> 01:28:58.500

I just saw your name pop up.

478e399f-391c-4d51-9925-d99347a3d1c3-0

01:28:59.450 --> 01:29:00.380

I don't know why.

e4d7d953-b11c-4073-ac90-b3d812d3c118-0

01:29:01.780 --> 01:29:03.370

I was in. I was in a car.

1c2f1a23-c89a-4159-969a-4e26c441b1d9-0

01:29:04.530 --> 01:29:09.169

You can do teams in the car now.

Yeah, very dangerous, by the

1c2f1a23-c89a-4159-969a-4e26c441b1d9-1

01:29:09.169 --> 01:29:13.659

way. Yes, it is. I've had to do

that listening. OK. I loved

1c2f1a23-c89a-4159-969a-4e26c441b1d9-2

01:29:13.659 --> 01:29:17.700

hearing the stories. I was

listening to your team and

1c2f1a23-c89a-4159-969a-4e26c441b1d9-3

01:29:17.700 --> 01:29:20.320

discuss the successes they've

had.

21154797-65f1-46bb-96bb-29ffcb4cc601-0

01:29:22.630 --> 01:29:24.830

I'm gonna go ahead and mute out.

Sure.

3ec432a0-cb36-4f2f-b840-658142ff986d-0

01:29:25.650 --> 01:29:26.270

Thank you, Sir.

42319a83-7762-4567-a78a-1330d9707d06-0

01:29:27.530 --> 01:29:27.810

Sure.

5ca89215-9616-4968-a8a3-af8083445e2b-0

01:29:29.670 --> 01:29:32.790

Kim, you didn't see my e-mail

right? About, you know.

905a2810-6301-4951-ad3e-4ac99676b29a-0

01:29:34.640 --> 01:29:37.430

Um Council, not council.

ab05c5fb-7eed-48c2-9749-9f4a3971a9fe-0

01:29:38.090 --> 01:29:39.090

Yes, Sir, I did.

acf0b4b2-caf1-4f64-95fc-a4689924a817-0

01:29:39.870 --> 01:29:41.400

I did. Yeah. We can talk later  
about it.

82412e0d-bdea-4d9f-8765-e7d2aeb42d9e-0

01:29:42.090 --> 01:29:42.450

Yes, Sir.

90b03d2a-152b-4798-bae3-c9b85b1eece7-0

01:29:44.580 --> 01:29:44.860

OK.

bb3ad0da-39eb-4cfe-b76a-5c4596e70660-0

01:30:22.180 --> 01:30:25.942

OK, so it's 2:30, and we're  
gonna go ahead and we're going

bb3ad0da-39eb-4cfe-b76a-5c4596e70660-1

01:30:25.942 --> 01:30:26.580

to resume.

8f33c272-e652-4cc6-ae99-b791a4653eda-0

01:30:27.320 --> 01:30:29.070

Our Council meeting.

07027e22-e4ba-46b4-95c6-c3ecc3db1f4e-0

01:30:30.330 --> 01:30:33.133

At this time, I'd like to  
introduce Doctor Dalton

07027e22-e4ba-46b4-95c6-c3ecc3db1f4e-1

01:30:33.133 --> 01:30:36.666

Dietrich. He's the scientific  
director of the Miami project to

07027e22-e4ba-46b4-95c6-c3ecc3db1f4e-2

01:30:36.666 --> 01:30:39.750

cure paralysis, and he's going  
to be speaking on that.

1d589f9d-618c-4416-8cf2-3d183924e17e-0

01:30:40.520 --> 01:30:43.550

Very excited to have you. Thank  
you for joining us today.

de4cd083-e6ed-4c4f-96be-7b6dc6a7f5ba-0

01:30:45.990 --> 01:30:49.963

OK. Uh, well, thank you very  
much for the invitation to speak

de4cd083-e6ed-4c4f-96be-7b6dc6a7f5ba-1

01:30:49.963 --> 01:30:54.000

to this state of Florida brain  
and spinal Cord Injury Advisory

de4cd083-e6ed-4c4f-96be-7b6dc6a7f5ba-2

01:30:54.000 --> 01:30:58.037

Council meeting. There's some



exciting things happening in CNS

de4cd083-e6ed-4c4f-96be-7b6dc6a7f5ba-3

01:30:58.037 --> 01:31:01.497

injury and repair. And today I

just want to take this

de4cd083-e6ed-4c4f-96be-7b6dc6a7f5ba-4

01:31:01.497 --> 01:31:05.086

opportunity to briefly talk

about some of the work that

de4cd083-e6ed-4c4f-96be-7b6dc6a7f5ba-5

01:31:05.086 --> 01:31:09.315

we're doing at the University of

Miami Miller School of Medicine.

de4cd083-e6ed-4c4f-96be-7b6dc6a7f5ba-6

01:31:09.315 --> 01:31:12.840

So can you hear me OK? Do you

see my slides? Yes, Sir.

4fe88b95-f0c8-444a-a6ea-cb4e249b0097-0

01:31:13.640 --> 01:31:18.122

Very good. So right now the

project has two major facilities

4fe88b95-f0c8-444a-a6ea-cb4e249b0097-1

01:31:18.122 --> 01:31:22.679

that we're doing a translational  
work in. First is the lowest

4fe88b95-f0c8-444a-a6ea-cb4e249b0097-2

01:31:22.679 --> 01:31:27.014

Pope life center that you can  
see here. We've been in this

4fe88b95-f0c8-444a-a6ea-cb4e249b0097-3

01:31:27.014 --> 01:31:30.909

facility since 2000. And just  
recently we helped the

4fe88b95-f0c8-444a-a6ea-cb4e249b0097-4

01:31:30.909 --> 01:31:35.318

University of Miami and the  
Jackson Memorial Hospital build

4fe88b95-f0c8-444a-a6ea-cb4e249b0097-5

01:31:35.318 --> 01:31:38.625

a state-of-the-art  
Rehabilitation Center. So

4fe88b95-f0c8-444a-a6ea-cb4e249b0097-6

01:31:38.625 --> 01:31:42.888

basically, we can make new  
discoveries in the lowest Pope

4fe88b95-f0c8-444a-a6ea-cb4e249b0097-7

01:31:42.888 --> 01:31:43.770

Life Center.

04cbe4c8-7a29-40c8-a1bf-ab7c58ffcc0f-0

01:31:43.870 --> 01:31:48.384

Do the translational studies and  
our preclinical models and move

04cbe4c8-7a29-40c8-a1bf-ab7c58ffcc0f-1

01:31:48.384 --> 01:31:52.620

that to the to the lens center  
where we have a a very a rich

04cbe4c8-7a29-40c8-a1bf-ab7c58ffcc0f-2

01:31:52.620 --> 01:31:56.995

network of patients living with  
brain and spinal cord injuries

04cbe4c8-7a29-40c8-a1bf-ab7c58ffcc0f-3

01:31:56.995 --> 01:32:01.301

and other types of neurological  
problems. And of course as we

04cbe4c8-7a29-40c8-a1bf-ab7c58ffcc0f-4

01:32:01.301 --> 01:32:05.676

move this to clinical trials, we  
can also go back to basic and

04cbe4c8-7a29-40c8-a1bf-ab7c58ffcc0f-5

01:32:05.676 --> 01:32:10.052

preclinical studies to make the  
therapies even even better. So

04cbe4c8-7a29-40c8-a1bf-ab7c58ffcc0f-6

01:32:10.052 --> 01:32:14.080

today I'll just talk about the  
pathophysio and treatment.

edc2a60e-a1cf-4b1a-857c-4e62fd588730-0

01:32:14.180 --> 01:32:16.800

Of spinal cord injury and other  
neurological disorders.

50d171ee-dad9-4db0-b267-1468b9b3e476-0

01:32:18.240 --> 01:32:18.780

So.

2bccb7f4-001a-4290-bd16-0c2b0b4f8b4f-0

01:32:19.570 --> 01:32:23.878

My name's Dalton Dietrich. I'm  
the scientific director of the

2bccb7f4-001a-4290-bd16-0c2b0b4f8b4f-1

01:32:23.878 --> 01:32:27.909

my project to cure paralysis. I  
have a lot of hats at the

2bccb7f4-001a-4290-bd16-0c2b0b4f8b4f-2

01:32:27.909 --> 01:32:32.426

University of Miami, but that's  
all good. But my major, my major

2bccb7f4-001a-4290-bd16-0c2b0b4f8b4f-3

01:32:32.426 --> 01:32:36.803

role is to facilitate research  
targeting neurological diseases

2bccb7f4-001a-4290-bd16-0c2b0b4f8b4f-4

01:32:36.803 --> 01:32:41.043

at the University of Miami and  
have the privilege of leading

2bccb7f4-001a-4290-bd16-0c2b0b4f8b4f-5

01:32:41.043 --> 01:32:45.420

the my project for the last 25  
years. So. And anytime I give a

2bccb7f4-001a-4290-bd16-0c2b0b4f8b4f-6

01:32:45.420 --> 01:32:49.660

lecture of the university wants  
me to disclose any conflict.

34776906-f67e-4123-b8ef-4cdee4be4e76-0

01:32:49.730 --> 01:32:54.448

Adventurous and I think you see  
from this list, it's basically a

34776906-f67e-4123-b8ef-4cdee4be4e76-1

01:32:54.448 --> 01:32:59.167

lot of uh uh, clinical advisory  
boards and review boards. I am a

34776906-f67e-4123-b8ef-4cdee4be4e76-2

01:32:59.167 --> 01:33:03.522

managing member of inflammatory,  
which just got licensed by

34776906-f67e-4123-b8ef-4cdee4be4e76-3

01:33:03.522 --> 01:33:07.805

Diversa Therapeutics and I'm a  
scientific advisory to that

34776906-f67e-4123-b8ef-4cdee4be4e76-4

01:33:07.805 --> 01:33:09.039

particular board.

018e13ca-2d2e-4ff1-a43a-d1801740cb62-0

01:33:10.220 --> 01:33:13.945

So the Miami project to cure  
paralysis is a center of

018e13ca-2d2e-4ff1-a43a-d1801740cb62-1

01:33:13.945 --> 01:33:18.428

excellence at the University of  
Miami, and this particular slide

018e13ca-2d2e-4ff1-a43a-d1801740cb62-2

01:33:18.428 --> 01:33:22.636

just emphasizes that we work  
with multiple basic science and

018e13ca-2d2e-4ff1-a43a-d1801740cb62-3

01:33:22.636 --> 01:33:26.982

clinical departments to bring  
new treatments for our patients.

018e13ca-2d2e-4ff1-a43a-d1801740cb62-4

01:33:26.982 --> 01:33:31.397

So it's a center of excellence  
Without Borders. And it's really

018e13ca-2d2e-4ff1-a43a-d1801740cb62-5

01:33:31.397 --> 01:33:35.329

the center of neuroscience  
research at the University of

018e13ca-2d2e-4ff1-a43a-d1801740cb62-6

01:33:35.329 --> 01:33:39.606

Miami. I worked very closely  
with the Department of Neurology

018e13ca-2d2e-4ff1-a43a-d1801740cb62-7

01:33:39.606 --> 01:33:40.020

Ortho.

2d3b9d14-552c-4002-ba6e-472eaeb967eb-0

01:33:40.160 --> 01:33:44.331

And Cology Sylvester Cancer

Center pacifically in the area

2d3b9d14-552c-4002-ba6e-472eaeb967eb-1

01:33:44.331 --> 01:33:47.938

of brain tumors and drug

discoveries, neurological

2d3b9d14-552c-4002-ba6e-472eaeb967eb-2

01:33:47.938 --> 01:33:51.120

surgery, psychiatry,

ophthalmology and Human

2d3b9d14-552c-4002-ba6e-472eaeb967eb-3

01:33:51.120 --> 01:33:54.867

Genetics. And we're trying to

transform our model of

2d3b9d14-552c-4002-ba6e-472eaeb967eb-4

01:33:54.867 --> 01:33:57.060

neuroscience at the university.

d66725eb-246a-447f-8030-a9e38aaf1129-0

01:33:58.210 --> 01:34:02.679

And the project was started in

1985, when Doctor Barth Green,



d66725eb-246a-447f-8030-a9e38aaf1129-1

01:34:02.679 --> 01:34:07.293

Chairman of Neurosurgery at that  
time, I felt the need to bring

d66725eb-246a-447f-8030-a9e38aaf1129-2

01:34:07.293 --> 01:34:11.907

researchers together to focus on  
targeting this severe issue of

d66725eb-246a-447f-8030-a9e38aaf1129-3

01:34:11.907 --> 01:34:16.449

spinal cord paralysis. So I'm a  
mission statement. It was then

d66725eb-246a-447f-8030-a9e38aaf1129-4

01:34:16.449 --> 01:34:20.919

and is now today to discover and  
test new therapies that will

d66725eb-246a-447f-8030-a9e38aaf1129-5

01:34:20.919 --> 01:34:25.172

improve function and quality of  
life in people living with

d66725eb-246a-447f-8030-a9e38aaf1129-6

01:34:25.172 --> 01:34:27.840

paralysis. And, you know,  
paralysis.

e66556bf-fb12-4db8-8201-753498175a98-0

01:34:27.930 --> 01:34:31.926

And be the result of many  
different types of of injuries.

e66556bf-fb12-4db8-8201-753498175a98-1

01:34:31.926 --> 01:34:35.853

So over the years, yes, our  
focus remains on spinal cord

e66556bf-fb12-4db8-8201-753498175a98-2

01:34:35.853 --> 01:34:40.126

injury, but we're doing a lot of  
work now on peripheral nerve

e66556bf-fb12-4db8-8201-753498175a98-3

01:34:40.126 --> 01:34:44.053

injuries, traumatic brain  
injury, stroke and more lately

e66556bf-fb12-4db8-8201-753498175a98-4

01:34:44.053 --> 01:34:47.912

recently neurodegenerative  
diseases such as Alzheimer's

e66556bf-fb12-4db8-8201-753498175a98-5

01:34:47.912 --> 01:34:51.977

disease, chronic traumatic

encephalopathy, Ms, Parkinson's

e66556bf-fb12-4db8-8201-753498175a98-6

01:34:51.977 --> 01:34:53.080

disease and ALS.

7e918143-eac2-41ad-af01-1908ab541a86-0

01:34:54.610 --> 01:34:58.924

So this is the areas where the  
Miami project researchers focus

7e918143-eac2-41ad-af01-1908ab541a86-1

01:34:58.924 --> 01:35:02.690

on neuroprotection and  
pathophysiology. Can we protect

7e918143-eac2-41ad-af01-1908ab541a86-2

01:35:02.690 --> 01:35:07.141

the brain and spinal cord after  
injury? It's currently we really

7e918143-eac2-41ad-af01-1908ab541a86-3

01:35:07.141 --> 01:35:10.496

have no therapeutic  
interventions that can limit

7e918143-eac2-41ad-af01-1908ab541a86-4

01:35:10.496 --> 01:35:14.536

secondary injury mechanisms

during that golden hour or the

7e918143-eac2-41ad-af01-1908ab541a86-5

01:35:14.536 --> 01:35:18.850

first several days after injury.

So we're working very hard to

7e918143-eac2-41ad-af01-1908ab541a86-6

01:35:18.850 --> 01:35:22.891

understand what new therapeutic

targets we can identify to

7e918143-eac2-41ad-af01-1908ab541a86-7

01:35:22.891 --> 01:35:24.740

develop new drug therapies.

b7810c43-b411-47d0-9916-c5f37d475142-0

01:35:25.470 --> 01:35:29.246

Transplantation, regeneration,

repair. Can we repair the

b7810c43-b411-47d0-9916-c5f37d475142-1

01:35:29.246 --> 01:35:33.421

nervous system? And this is one

of the most exciting areas now

b7810c43-b411-47d0-9916-c5f37d475142-2

01:35:33.421 --> 01:35:37.330

in in neuroscience. What types

of strategies we can use to

b7810c43-b411-47d0-9916-c5f37d475142-3

01:35:37.330 --> 01:35:41.173

actually enhance or regrow

axons, new circuits, and we'll

b7810c43-b411-47d0-9916-c5f37d475142-4

01:35:41.173 --> 01:35:44.883

talk about that today.

Rehabilitation, neuromodulation,

b7810c43-b411-47d0-9916-c5f37d475142-5

01:35:44.883 --> 01:35:48.726

can we retrain and enable

circuit function so or if we're

b7810c43-b411-47d0-9916-c5f37d475142-6

01:35:48.726 --> 01:35:52.635

fortunate enough to actually

induce axonal regeneration or

b7810c43-b411-47d0-9916-c5f37d475142-7

01:35:52.635 --> 01:35:55.220

circuit plasticity are these

circuits.

e4c41634-0283-4fa7-8feb-4119430da2c2-0

01:35:55.320 --> 01:35:59.211

To be functional, are they going  
to improve the quality of life

e4c41634-0283-4fa7-8feb-4119430da2c2-1

01:35:59.211 --> 01:36:02.982

of people living with paralysis  
and can we move some of these

e4c41634-0283-4fa7-8feb-4119430da2c2-2

01:36:02.982 --> 01:36:06.387

discoveries to our clinical  
trials to really ultimately

e4c41634-0283-4fa7-8feb-4119430da2c2-3

01:36:06.387 --> 01:36:10.157

improve our quality of life and  
function of people and at the

e4c41634-0283-4fa7-8feb-4119430da2c2-4

01:36:10.157 --> 01:36:13.806

same time, we're training the  
next generation of scientists

e4c41634-0283-4fa7-8feb-4119430da2c2-5

01:36:13.806 --> 01:36:17.333

and clinicians and also trying  
to serve our community and

e4c41634-0283-4fa7-8feb-4119430da2c2-6

01:36:17.333 --> 01:36:21.103

stakeholders, making sure we we  
gather those individuals each

e4c41634-0283-4fa7-8feb-4119430da2c2-7

01:36:21.103 --> 01:36:24.569

year into the lowest Pope life  
center and and understand

e4c41634-0283-4fa7-8feb-4119430da2c2-8

01:36:24.569 --> 01:36:25.359

exactly what.

c6792dcf-212a-4bf8-b0a7-57faa84d616c-0

01:36:25.490 --> 01:36:29.426

Types of issues they're dealing  
with and what how we can help in

c6792dcf-212a-4bf8-b0a7-57faa84d616c-1

01:36:29.426 --> 01:36:33.121

terms of research projects. So  
this is a unique program that

c6792dcf-212a-4bf8-b0a7-57faa84d616c-2

01:36:33.121 --> 01:36:36.209

incorporates Discovery,  
translational and clinical

c6792dcf-212a-4bf8-b0a7-57faa84d616c-3

01:36:36.209 --> 01:36:39.965

studies under one roof if you  
will. So we have the ability to

c6792dcf-212a-4bf8-b0a7-57faa84d616c-4

01:36:39.965 --> 01:36:43.901

do basic research and move this  
to translational models of brain

c6792dcf-212a-4bf8-b0a7-57faa84d616c-5

01:36:43.901 --> 01:36:47.777

and spinal cord injury clinical  
trials as well as hopefully try

c6792dcf-212a-4bf8-b0a7-57faa84d616c-6

01:36:47.777 --> 01:36:51.108

changing the treatment  
guidelines and recommendations.

c6792dcf-212a-4bf8-b0a7-57faa84d616c-7

01:36:51.108 --> 01:36:54.439

So that's a very established  
pipeline for translation.

32fd04a6-fd30-4e39-8ebc-bb004e22ffb1-0

01:36:55.980 --> 01:37:00.072

So you probably all know about  
the epidemiology of spinal cord



32fd04a6-fd30-4e39-8ebc-bb004e22ffb1-1

01:37:00.072 --> 01:37:04.099

injury. It's become an epidemic  
in modern society, and that's

32fd04a6-fd30-4e39-8ebc-bb004e22ffb1-2

01:37:04.099 --> 01:37:07.477

because you go all over the  
world and you see these

32fd04a6-fd30-4e39-8ebc-bb004e22ffb1-3

01:37:07.477 --> 01:37:11.115

increases in in spinal cord  
injury. Many people we have

32fd04a6-fd30-4e39-8ebc-bb004e22ffb1-4

01:37:11.115 --> 01:37:15.142

about 250 to 368,000 annual new  
spinal cords worldwide, about

32fd04a6-fd30-4e39-8ebc-bb004e22ffb1-5

01:37:15.142 --> 01:37:19.299

18,000 new cases in the United  
States with an average age of 42

32fd04a6-fd30-4e39-8ebc-bb004e22ffb1-6

01:37:19.299 --> 01:37:23.197

years. There's millions of  
people living with paralysis. Do

32fd04a6-fd30-4e39-8ebc-bb004e22ffb1-7

01:37:23.197 --> 01:37:26.509

the result of spinal cord injury  
and other issues.

5edbbecc-2cdb-4915-bf2e-aead4a4aad09-0

01:37:26.910 --> 01:37:30.958

Motor vehicle accidents are  
followed by falls, acts of

5edbbecc-2cdb-4915-bf2e-aead4a4aad09-1

01:37:30.958 --> 01:37:35.300

violence and recreational  
activities are leading causes of

5edbbecc-2cdb-4915-bf2e-aead4a4aad09-2

01:37:35.300 --> 01:37:39.790

STI. In the US, males are still  
most at risk for spinal cord

5edbbecc-2cdb-4915-bf2e-aead4a4aad09-3

01:37:39.790 --> 01:37:44.059

injury between the ages of 20  
and 29 and greater than 70.

5edbbecc-2cdb-4915-bf2e-aead4a4aad09-4

01:37:44.059 --> 01:37:48.475

We'll talk about that in a

minute. Females are most at risk

5edbbecc-2cdb-4915-bf2e-aead4a4aad09-5

01:37:48.475 --> 01:37:52.891

between the ages of 15 and 19,  
and above 67% of spinal cord

5edbbecc-2cdb-4915-bf2e-aead4a4aad09-6

01:37:52.891 --> 01:37:53.480

victims.

11cd8a07-8634-42ab-bf01-eafa22b24269-0

01:37:55.040 --> 01:37:59.503

You, uh, victims have injury due  
to accidents or injury occurring

11cd8a07-8634-42ab-bf01-eafa22b24269-1

01:37:59.503 --> 01:38:03.763

while serving in the military,  
so the Department of Defense is

11cd8a07-8634-42ab-bf01-eafa22b24269-2

01:38:03.763 --> 01:38:07.956

very interested in supportive of  
our research and spinal cord

11cd8a07-8634-42ab-bf01-eafa22b24269-3

01:38:07.956 --> 01:38:11.811

injury and currently there is

believed about 5.3 million

11cd8a07-8634-42ab-bf01-eafa22b24269-4

01:38:11.811 --> 01:38:15.801

people living in the US with  
paralysis due to some type of

11cd8a07-8634-42ab-bf01-eafa22b24269-5

01:38:15.801 --> 01:38:19.724

CNS injury. So we have new  
injuries being occurring every

11cd8a07-8634-42ab-bf01-eafa22b24269-6

01:38:19.724 --> 01:38:23.916

day, so we need new strategies  
to protect the acutely injured

11cd8a07-8634-42ab-bf01-eafa22b24269-7

01:38:23.916 --> 01:38:25.540

spinal cords individual.

7cdd5597-84ce-4ae7-8cf8-3e5a5c1dbf7a-0

01:38:25.780 --> 01:38:29.370

And we have people living with  
paralysis today, so we have to

7cdd5597-84ce-4ae7-8cf8-3e5a5c1dbf7a-1

01:38:29.370 --> 01:38:31.860

find ways into to reverse their

paralysis.

fbae8e1b-a0d8-4734-b652-997160869001-0

01:38:32.690 --> 01:38:36.444

So these are some of the  
changing spinal cord injury

fbae8e1b-a0d8-4734-b652-997160869001-1

01:38:36.444 --> 01:38:40.906

demographics that we're we're  
finding with the very large data

fbae8e1b-a0d8-4734-b652-997160869001-2

01:38:40.906 --> 01:38:45.227

sets we have this particular  
peak where we have consistently

fbae8e1b-a0d8-4734-b652-997160869001-3

01:38:45.227 --> 01:38:49.548

over the years said these young  
young individuals having the

fbae8e1b-a0d8-4734-b652-997160869001-4

01:38:49.548 --> 01:38:54.010

spinal cord injuries. But more  
and more mid, mid, mid, mid age

fbae8e1b-a0d8-4734-b652-997160869001-5

01:38:54.010 --> 01:38:58.544

4548 years old and then we had  
this other peep that's on the on

fbae8e1b-a0d8-4734-b652-997160869001-6

01:38:58.544 --> 01:39:02.439

the rise actually in terms of  
people over 75 years of.

33f9cc0d-0d4e-4380-9bbb-782d796ad22b-0

01:39:02.520 --> 01:39:07.221

Page and you can see from this  
particular uh bar graph series

33f9cc0d-0d4e-4380-9bbb-782d796ad22b-1

01:39:07.221 --> 01:39:11.620

of bar graphs, there's a a  
consistent decrease overall in

33f9cc0d-0d4e-4380-9bbb-782d796ad22b-2

01:39:11.620 --> 01:39:16.397

motor vehicle accident injuries  
where you see this progressive

33f9cc0d-0d4e-4380-9bbb-782d796ad22b-3

01:39:16.397 --> 01:39:20.947

increase in the number of spinal  
cords due to falls. So the

33f9cc0d-0d4e-4380-9bbb-782d796ad22b-4

01:39:20.947 --> 01:39:25.649

global changes are remarkably  
similar from country to country

33f9cc0d-0d4e-4380-9bbb-782d796ad22b-5

01:39:25.649 --> 01:39:30.123

in terms of these types of  
demographics, average age is an

33f9cc0d-0d4e-4380-9bbb-782d796ad22b-6

01:39:30.123 --> 01:39:32.550

increasing the Asia score, Asia.

d5f39c75-3b05-48df-8fbc-4c63ec4b667a-0

01:39:32.630 --> 01:39:36.109

Is this is the neurological  
score we use to assess

d5f39c75-3b05-48df-8fbc-4c63ec4b667a-1

01:39:36.109 --> 01:39:39.861

neurological function and  
especially in in spinal cord

d5f39c75-3b05-48df-8fbc-4c63ec4b667a-2

01:39:39.861 --> 01:39:44.091

injury patients, the ratio from  
Asia D to Asia is increasing,

d5f39c75-3b05-48df-8fbc-4c63ec4b667a-3

01:39:44.091 --> 01:39:48.321

which is good news, in other  
words less Asia's are coming

d5f39c75-3b05-48df-8fbc-4c63ec4b667a-4

01:39:48.321 --> 01:39:52.551

out after a surgical and other  
strategies that we're using to

d5f39c75-3b05-48df-8fbc-4c63ec4b667a-5

01:39:52.551 --> 01:39:56.099

improve outcomes. Fraction is  
with early surgery is

d5f39c75-3b05-48df-8fbc-4c63ec4b667a-6

01:39:56.099 --> 01:40:00.397

increasing. We're trying to get  
the patients in as early as we

d5f39c75-3b05-48df-8fbc-4c63ec4b667a-7

01:40:00.397 --> 01:40:02.990

can to stabilize the spinal cord  
and.

de4fc1f7-428c-46fb-b176-56d62e9d4dcd-0

01:40:03.060 --> 01:40:07.443

Decompressed within 24 hours and  
again motor vehicle accident



de4fc1f7-428c-46fb-b176-56d62e9d4dcd-1

01:40:07.443 --> 01:40:11.332

prevention and severity

reduction appears to be rarely

de4fc1f7-428c-46fb-b176-56d62e9d4dcd-2

01:40:11.332 --> 01:40:15.928

effective, these new cars today

many ways in which we can reduce

de4fc1f7-428c-46fb-b176-56d62e9d4dcd-3

01:40:15.928 --> 01:40:20.170

our potential for accidents and

there is a need to increase

de4fc1f7-428c-46fb-b176-56d62e9d4dcd-4

01:40:20.170 --> 01:40:24.695

understanding of how to reduce

fall risks that are happening in

de4fc1f7-428c-46fb-b176-56d62e9d4dcd-5

01:40:24.695 --> 01:40:26.180

our aging population.

64c691d4-e8d3-4104-84d3-1a6cb9b486bb-0

01:40:27.270 --> 01:40:30.972

So neuroprotection, what

treatments can be given to

64c691d4-e8d3-4104-84d3-1a6cb9b486bb-1

01:40:30.972 --> 01:40:35.243

limits, injury severity and  
progression leading to improved

64c691d4-e8d3-4104-84d3-1a6cb9b486bb-2

01:40:35.243 --> 01:40:39.658

functional outcome. And this is  
just a diagram of many of the

64c691d4-e8d3-4104-84d3-1a6cb9b486bb-3

01:40:39.658 --> 01:40:43.929

targets that you could use to  
improve function after spinal

64c691d4-e8d3-4104-84d3-1a6cb9b486bb-4

01:40:43.929 --> 01:40:47.988

cord injury to alleviate  
secondary injuries. And you see

64c691d4-e8d3-4104-84d3-1a6cb9b486bb-5

01:40:47.988 --> 01:40:52.259

it's a very complex series of  
different types of anatomical

64c691d4-e8d3-4104-84d3-1a6cb9b486bb-6

01:40:52.259 --> 01:40:56.674

structures that we would want to  
think about as we target new

64c691d4-e8d3-4104-84d3-1a6cb9b486bb-7

01:40:56.674 --> 01:40:57.030

drug.

c7447969-7e5c-4f32-95f6-12e820174843-0

01:40:57.100 --> 01:41:01.459

Therapies. So this is one of the  
reasons I believe why the it's

c7447969-7e5c-4f32-95f6-12e820174843-1

01:41:01.459 --> 01:41:05.887

been difficult to generate a new  
compounds that actually protect

c7447969-7e5c-4f32-95f6-12e820174843-2

01:41:05.887 --> 01:41:09.906

the brain and spinal cord after  
engine because it's such a

c7447969-7e5c-4f32-95f6-12e820174843-3

01:41:09.906 --> 01:41:14.197

complex pathomechanism secondary  
injury. And the Miami project

c7447969-7e5c-4f32-95f6-12e820174843-4

01:41:14.197 --> 01:41:18.216

for to attack these issues,  
we've developed a series of of

c7447969-7e5c-4f32-95f6-12e820174843-5

01:41:18.216 --> 01:41:21.826

cores that are now used  
throughout the University of

c7447969-7e5c-4f32-95f6-12e820174843-6

01:41:21.826 --> 01:41:25.300

Miami, our imaging core, our  
transmission electron

c7447969-7e5c-4f32-95f6-12e820174843-7

01:41:25.300 --> 01:41:27.140

microscopy, core Histology.

5fe759ac-6771-48d8-986f-2a5c7d4256bc-0

01:41:27.220 --> 01:41:31.367

Or high content screening  
screening core that we'll talk

5fe759ac-6771-48d8-986f-2a5c7d4256bc-1

01:41:31.367 --> 01:41:35.515

about a lot now about drug  
discovery, viral Vector Corp,

5fe759ac-6771-48d8-986f-2a5c7d4256bc-2

01:41:35.515 --> 01:41:39.517

where we're using new viral  
vectors in gene therapy to

5fe759ac-6771-48d8-986f-2a5c7d4256bc-3

01:41:39.517 --> 01:41:43.956

promote repair of the injured  
spinal cord and asked surgical

5fe759ac-6771-48d8-986f-2a5c7d4256bc-4

01:41:43.956 --> 01:41:44.320

core.

d8bbb071-8548-4ea5-be37-64f51e283576-0

01:41:45.050 --> 01:41:48.347

Now this is just a summary of  
some of the CNS injury

d8bbb071-8548-4ea5-be37-64f51e283576-1

01:41:48.347 --> 01:41:51.892

pathophysiology that we're  
seeing in our patients. We're

d8bbb071-8548-4ea5-be37-64f51e283576-2

01:41:51.892 --> 01:41:55.563

doing a lot of blood and CSF  
biomarker analysis now taking

d8bbb071-8548-4ea5-be37-64f51e283576-3

01:41:55.563 --> 01:41:59.420

blood from people at different  
times after injury and looking

d8bbb071-8548-4ea5-be37-64f51e283576-4

01:41:59.420 --> 01:42:02.966

at the degree in which we see  
certain pathophysiological

d8bbb071-8548-4ea5-be37-64f51e283576-5

01:42:02.966 --> 01:42:06.574

events that are occurring in the  
patient. So it's kind of

d8bbb071-8548-4ea5-be37-64f51e283576-6

01:42:06.574 --> 01:42:10.368

specialized medicine, if you  
will. So one patient may have a

d8bbb071-8548-4ea5-be37-64f51e283576-7

01:42:10.368 --> 01:42:13.417

lot of, for example,  
neuroinflammation occurring

d8bbb071-8548-4ea5-be37-64f51e283576-8

01:42:13.417 --> 01:42:16.030

systemically and maybe that's  
the target.

a8942e34-71d8-490b-b6d8-ba2be92b039d-0

01:42:16.100 --> 01:42:19.987

We should use in in in improving

outcome in that patient or

a8942e34-71d8-490b-b6d8-ba2be92b039d-1

01:42:19.987 --> 01:42:24.003

apoptosis or other mechanisms of  
cell death, is that what the

a8942e34-71d8-490b-b6d8-ba2be92b039d-2

01:42:24.003 --> 01:42:27.826

predominant mechanism is and  
therefore should we use drugs

a8942e34-71d8-490b-b6d8-ba2be92b039d-3

01:42:27.826 --> 01:42:31.972

specifically over that or maybe  
a combination of drugs? Now the

a8942e34-71d8-490b-b6d8-ba2be92b039d-4

01:42:31.972 --> 01:42:35.859

other issue that we're dealing  
with now is as we really get

a8942e34-71d8-490b-b6d8-ba2be92b039d-5

01:42:35.859 --> 01:42:39.876

granular in terms of treating  
patients, we think we find that

a8942e34-71d8-490b-b6d8-ba2be92b039d-6

01:42:39.876 --> 01:42:43.375

there's a high patient

heterogeneity that one patient

a8942e34-71d8-490b-b6d8-ba2be92b039d-7

01:42:43.375 --> 01:42:46.420

versus another patient can be

quite different.

e80fc725-eb31-4154-b69a-061b09f60421-0

01:42:46.510 --> 01:42:50.965

Although they are MRI scan looks

similar or they're uh Asia score

e80fc725-eb31-4154-b69a-061b09f60421-1

01:42:50.965 --> 01:42:55.217

that looks similar and this is

again a very challenging issue.

e80fc725-eb31-4154-b69a-061b09f60421-2

01:42:55.217 --> 01:42:59.267

This is just an example of a

study that we've done a couple

e80fc725-eb31-4154-b69a-061b09f60421-3

01:42:59.267 --> 01:43:03.520

of years ago where we looked at

serum biomarkers after a human

e80fc725-eb31-4154-b69a-061b09f60421-4



01:43:03.520 --> 01:43:07.637

spinal cord injury and you see  
in this particular slide that

e80fc725-eb31-4154-b69a-061b09f60421-5

01:43:07.637 --> 01:43:11.620

this particular patient, an  
Asia, a acutely injured spinal

e80fc725-eb31-4154-b69a-061b09f60421-6

01:43:11.620 --> 01:43:15.805

cord patient and this is a, this  
is also a patient, let's say

e80fc725-eb31-4154-b69a-061b09f60421-7

01:43:15.805 --> 01:43:16.480

patient B.

6793293a-bc25-4477-81b6-480d3f75a816-0

01:43:16.680 --> 01:43:21.367

Also in Asia, acutely injured  
patient and you see this patient

6793293a-bc25-4477-81b6-480d3f75a816-1

01:43:21.367 --> 01:43:25.757

where gfap, which is a nice  
marker of activated astrocytes

6793293a-bc25-4477-81b6-480d3f75a816-2

01:43:25.757 --> 01:43:30.072

and within 3036 hours after  
injury, this protein level in

6793293a-bc25-4477-81b6-480d3f75a816-3

01:43:30.072 --> 01:43:34.759

the blood goes down. OK. But in  
this particular patient, again

6793293a-bc25-4477-81b6-480d3f75a816-4

01:43:34.759 --> 01:43:39.224

seemingly the same type of  
patient in terms of severity and

6793293a-bc25-4477-81b6-480d3f75a816-5

01:43:39.224 --> 01:43:43.762

MRI imaging, this particular  
patient has sustained increased

6793293a-bc25-4477-81b6-480d3f75a816-6

01:43:43.762 --> 01:43:46.590

levels of GFP. So these two  
patients.

be00434a-ee75-437c-b3af-a6e3082dbc77-0

01:43:46.700 --> 01:43:50.617

When you really look at them in  
terms of defining a therapeutic

be00434a-ee75-437c-b3af-a6e3082dbc77-1

01:43:50.617 --> 01:43:54.106

target that they may be quite  
different. So this patient

be00434a-ee75-437c-b3af-a6e3082dbc77-2

01:43:54.106 --> 01:43:57.473

heterogen heterogeneity,  
specialized medicine issue is

be00434a-ee75-437c-b3af-a6e3082dbc77-3

01:43:57.473 --> 01:44:00.779

now popping up more and more.  
And what we're doing to

be00434a-ee75-437c-b3af-a6e3082dbc77-4

01:44:00.779 --> 01:44:04.574

alleviate these issues is big  
data machine learning, types of

be00434a-ee75-437c-b3af-a6e3082dbc77-5

01:44:04.574 --> 01:44:08.614

approaches or systems biology is  
being used with the information,

be00434a-ee75-437c-b3af-a6e3082dbc77-6

01:44:08.614 --> 01:44:12.103

the data that we have on  
individual patients and putting

be00434a-ee75-437c-b3af-a6e3082dbc77-7

01:44:12.103 --> 01:44:16.021

together with large datasets to  
actually do a deep dive and try

be00434a-ee75-437c-b3af-a6e3082dbc77-8

01:44:16.021 --> 01:44:17.980

to figure out how we can better.

05485408-6641-430a-bc8d-30e6dd326514-0

01:44:18.580 --> 01:44:22.452

Characterize patients using  
these type of modalities in the

05485408-6641-430a-bc8d-30e6dd326514-1

01:44:22.452 --> 01:44:24.130

very acute injury setting.

69b4712c-7ec3-4bfa-a7fc-572305b16d70-0

01:44:25.290 --> 01:44:28.638

So we've used a lot of  
neuroprotective treatments

69b4712c-7ec3-4bfa-a7fc-572305b16d70-1

01:44:28.638 --> 01:44:32.724

targeting spinal cord injuries,  
a long history of looking at

69b4712c-7ec3-4bfa-a7fc-572305b16d70-2

01:44:32.724 --> 01:44:36.140

different things like

Methylprednisolone and other

69b4712c-7ec3-4bfa-a7fc-572305b16d70-3

01:44:36.140 --> 01:44:40.427

compounds. All of these agents

that we've given have not really

69b4712c-7ec3-4bfa-a7fc-572305b16d70-4

01:44:40.427 --> 01:44:44.177

passed the threshold of being

beneficial in multicenter

69b4712c-7ec3-4bfa-a7fc-572305b16d70-5

01:44:44.177 --> 01:44:48.062

trials. And so we're still

looking for new compounds that

69b4712c-7ec3-4bfa-a7fc-572305b16d70-6

01:44:48.062 --> 01:44:52.215

will may make a big difference

in people's lives in the acute

69b4712c-7ec3-4bfa-a7fc-572305b16d70-7

01:44:52.215 --> 01:44:53.220

injury setting.

d3aabbba6-cf1b-407f-9be5-70a351ef5d85-0

01:44:53.950 --> 01:44:58.245

One of the issues that we've had  
in in the spinal cord field as

d3aabbba6-cf1b-407f-9be5-70a351ef5d85-1

01:44:58.245 --> 01:45:02.607

well as other scientific fields  
is that sometimes it's difficult

d3aabbba6-cf1b-407f-9be5-70a351ef5d85-2

01:45:02.607 --> 01:45:06.835

to replicate work that's been  
published in the literature. And

d3aabbba6-cf1b-407f-9be5-70a351ef5d85-3

01:45:06.835 --> 01:45:10.795

this was an NIH funded program  
several years ago before we

d3aabbba6-cf1b-407f-9be5-70a351ef5d85-4

01:45:10.795 --> 01:45:14.754

asked the question, could we  
replicate, you know, the real

d3aabbba6-cf1b-407f-9be5-70a351ef5d85-5

01:45:14.754 --> 01:45:18.781

exciting data in in individual  
laboratories and if we could

d3aabbba6-cf1b-407f-9be5-70a351ef5d85-6

01:45:18.781 --> 01:45:23.009

utilizing, you know, different  
models and different approaches

d3aabbba6-cf1b-407f-9be5-70a351ef5d85-7

01:45:23.009 --> 01:45:24.619

but using the same drug?

b89de02c-c653-4cf6-88c7-00f41c128d83-0

01:45:24.690 --> 01:45:28.479

Same concentrations and things  
of that nature that that might

b89de02c-c653-4cf6-88c7-00f41c128d83-1

01:45:28.479 --> 01:45:31.841

be the drug that would pass the  
test when it went to a

b89de02c-c653-4cf6-88c7-00f41c128d83-2

01:45:31.841 --> 01:45:34.897

multicenter trial. And I  
personally found it very

b89de02c-c653-4cf6-88c7-00f41c128d83-3

01:45:34.897 --> 01:45:38.748

difficult to actually conduct  
the replication studies and many

b89de02c-c653-4cf6-88c7-00f41c128d83-4

01:45:38.748 --> 01:45:42.171

of the studies that we  
replicated were unsuccessful. In

b89de02c-c653-4cf6-88c7-00f41c128d83-5

01:45:42.171 --> 01:45:45.900

other words, we could not get  
the benefits that the paper to

b89de02c-c653-4cf6-88c7-00f41c128d83-6

01:45:45.900 --> 01:45:49.873

talked about in a peer reviewed  
publication and this was this is

b89de02c-c653-4cf6-88c7-00f41c128d83-7

01:45:49.873 --> 01:45:53.479

kind of consistent now. And so  
one of the major areas that

b89de02c-c653-4cf6-88c7-00f41c128d83-8

01:45:53.479 --> 01:45:55.130

we're working on is how we.

959b73fc-8f56-4f65-b93a-8ece0ce512ae-0

01:45:55.250 --> 01:45:58.329

We can can replicate or  
reproduce. You know, the



959b73fc-8f56-4f65-b93a-8ece0ce512ae-1

01:45:58.329 --> 01:46:02.162

exciting data that's publishing  
in the literature for stroke

959b73fc-8f56-4f65-b93a-8ece0ce512ae-2

01:46:02.162 --> 01:46:06.120

research, traumatic research,  
traumatic brain research, spinal

959b73fc-8f56-4f65-b93a-8ece0ce512ae-3

01:46:06.120 --> 01:46:08.760

cord research, and things of  
this nature.

5d483664-82a5-414a-9df7-de1ea652de1d-0

01:46:09.740 --> 01:46:14.385

One thing, one therapy that has  
been replicated throughout the

5d483664-82a5-414a-9df7-de1ea652de1d-1

01:46:14.385 --> 01:46:18.441

world using very, very different  
models is therapeutic

5d483664-82a5-414a-9df7-de1ea652de1d-2

01:46:18.441 --> 01:46:22.496

hypothermia and targeted

temperature management. So in

5d483664-82a5-414a-9df7-de1ea652de1d-3

01:46:22.496 --> 01:46:26.257

the laboratory, bringing

temperature down a couple

5d483664-82a5-414a-9df7-de1ea652de1d-4

01:46:26.257 --> 01:46:30.902

degrees seems to be extremely

neuroprotective for a variety of

5d483664-82a5-414a-9df7-de1ea652de1d-5

01:46:30.902 --> 01:46:35.105

CNS injuries. It's very

protective in cardiac arrest. If

5d483664-82a5-414a-9df7-de1ea652de1d-6

01:46:35.105 --> 01:46:39.751

you have a cardiac arrest now,

you will most likely be cool to

5d483664-82a5-414a-9df7-de1ea652de1d-7

01:46:39.751 --> 01:46:40.119

some.

4a61e66a-73d0-40df-8de4-d88177244858-0

01:46:40.190 --> 01:46:44.793

Particular level be a normal

thermia around 37. You may be

4a61e66a-73d0-40df-8de4-d88177244858-1

01:46:44.793 --> 01:46:49.709

cooled to 3036 or 35 or all the  
way down to 33. So in this way

4a61e66a-73d0-40df-8de4-d88177244858-2

01:46:49.709 --> 01:46:54.312

we've kind of changed medicine  
in terms of a basic science

4a61e66a-73d0-40df-8de4-d88177244858-3

01:46:54.312 --> 01:46:58.760

question and consistency of  
treatment. Then moving to to

4a61e66a-73d0-40df-8de4-d88177244858-4

01:46:58.760 --> 01:47:03.207

human studies. And this is  
actually a big success. We're

4a61e66a-73d0-40df-8de4-d88177244858-5

01:47:03.207 --> 01:47:07.889

also cooling babies all over the  
world and Jackson Memorial

4a61e66a-73d0-40df-8de4-d88177244858-6

01:47:07.889 --> 01:47:09.449

Hospital we used to.

ca3c5813-f4c6-4a0b-b65b-907c28337729-0

01:47:10.210 --> 01:47:13.825

A warm up a neonatal infants  
that had some type of neonatal

ca3c5813-f4c6-4a0b-b65b-907c28337729-1

01:47:13.825 --> 01:47:17.562

epoxy, a doing delivery. Now  
we're cooling those patients and

ca3c5813-f4c6-4a0b-b65b-907c28337729-2

01:47:17.562 --> 01:47:20.816

that's also making a big  
difference in those people's

ca3c5813-f4c6-4a0b-b65b-907c28337729-3

01:47:20.816 --> 01:47:24.070

lives. Ischemic stroke,  
reperfusion injury, traumatic

ca3c5813-f4c6-4a0b-b65b-907c28337729-4

01:47:24.070 --> 01:47:27.686

brain injury and spinal cord  
injury. These are studies that

ca3c5813-f4c6-4a0b-b65b-907c28337729-5

01:47:27.686 --> 01:47:31.121

are happening now. All of the  
world. Find out how we can

ca3c5813-f4c6-4a0b-b65b-907c28337729-6

01:47:31.121 --> 01:47:34.917

utilize therapeutic hypothermia  
to improve outcomes. The other

ca3c5813-f4c6-4a0b-b65b-907c28337729-7

01:47:34.917 --> 01:47:38.292

thing that we are doing in, in,  
in addition to reducing

ca3c5813-f4c6-4a0b-b65b-907c28337729-8

01:47:38.292 --> 01:47:40.040

temperature a couple degrees.

2b6fd8c1-96fb-4b92-ac26-bf6bd769d9ec-0

01:47:40.210 --> 01:47:43.818

Is also preventing the harmful  
consequences of mild

2b6fd8c1-96fb-4b92-ac26-bf6bd769d9ec-1

01:47:43.818 --> 01:47:44.720

hyperthermia.

52bbce9d-4cf2-4b18-b42a-ebd200154558-0

01:47:45.480 --> 01:47:49.960

Age groups and others have shown

that if you do a experiment in

52bbce9d-4cf2-4b18-b42a-ebd200154558-1

01:47:49.960 --> 01:47:53.810

animals and then maybe 24 hours

artificially increased

52bbce9d-4cf2-4b18-b42a-ebd200154558-2

01:47:53.810 --> 01:47:57.870

temperature to 39 degrees 40

degrees, which happens quite

52bbce9d-4cf2-4b18-b42a-ebd200154558-3

01:47:57.870 --> 01:48:01.790

commonly in patients in the ICU

unit, that is a harmful

52bbce9d-4cf2-4b18-b42a-ebd200154558-4

01:48:01.790 --> 01:48:06.200

secondary insult. So if you go

to most ICU places all over the

52bbce9d-4cf2-4b18-b42a-ebd200154558-5

01:48:06.200 --> 01:48:10.470

world, you'll see that they're

they're targeting temperature

52bbce9d-4cf2-4b18-b42a-ebd200154558-6

01:48:10.470 --> 01:48:14.810

management approaches, which  
means they're inhibiting periods

52bbce9d-4cf2-4b18-b42a-ebd200154558-7

01:48:14.810 --> 01:48:15.370

of mild.

7f636926-14dd-41db-b888-aa9f2e9d0733-0

01:48:15.440 --> 01:48:19.720

Hyperthermia, and this is also  
making a big difference in

7f636926-14dd-41db-b888-aa9f2e9d0733-1

01:48:19.720 --> 01:48:24.001

people's lives, so this is an  
example of things that have

7f636926-14dd-41db-b888-aa9f2e9d0733-2

01:48:24.001 --> 01:48:28.577

really moved to the clinic now  
is hypothermic, protective and

7f636926-14dd-41db-b888-aa9f2e9d0733-3

01:48:28.577 --> 01:48:33.375

experimental spinal cord injury.  
Well, it is certainly in the

7f636926-14dd-41db-b888-aa9f2e9d0733-4

01:48:33.375 --> 01:48:38.246

preclinical arena. If you cool a  
rat after severe thoracic spinal

7f636926-14dd-41db-b888-aa9f2e9d0733-5

01:48:38.246 --> 01:48:42.822

cord injury to 33 degrees, the  
rat walks better and this is a

7f636926-14dd-41db-b888-aa9f2e9d0733-6

01:48:42.822 --> 01:48:46.070

locomotive scale from 5 to 14 in  
this case.

bcef058e-0c3c-43b6-8cdc-dede9af3a06c-0

01:48:46.140 --> 01:48:50.514

You see that the cooled animal  
has a higher locomotive scale of

bcef058e-0c3c-43b6-8cdc-dede9af3a06c-1

01:48:50.514 --> 01:48:54.888

walking compared to the animal  
that had normal thermia. So in a

bcef058e-0c3c-43b6-8cdc-dede9af3a06c-2

01:48:54.888 --> 01:48:58.783

experimental animal model of  
severe thoracic spinal cord

bcef058e-0c3c-43b6-8cdc-dede9af3a06c-3



01:48:58.783 --> 01:49:02.952

injury, mild hypothermia is  
protective and improves walking.

bcef058e-0c3c-43b6-8cdc-dede9af3a06c-4

01:49:02.952 --> 01:49:07.258

When I presented this to the my  
neurosurgical colleagues, they

bcef058e-0c3c-43b6-8cdc-dede9af3a06c-5

01:49:07.258 --> 01:49:11.222

said well, this was interesting.  
But you know most of our

bcef058e-0c3c-43b6-8cdc-dede9af3a06c-6

01:49:11.222 --> 01:49:15.049

patients have cervical spinal  
cord injuries. So can you

bcef058e-0c3c-43b6-8cdc-dede9af3a06c-7

01:49:15.049 --> 01:49:16.280

actually preserve?

f52995f3-c172-4748-9bf7-01ed793ef00f-0

01:49:16.360 --> 01:49:20.933

And function. So basically we  
did the same study in a cervical

f52995f3-c172-4748-9bf7-01ed793ef00f-1

01:49:20.933 --> 01:49:25.070

model spinal cord injury and you  
see here an animal, the

f52995f3-c172-4748-9bf7-01ed793ef00f-2

01:49:25.070 --> 01:49:29.208

epicenter of the lesion, a lot  
of edema and and necrosis

f52995f3-c172-4748-9bf7-01ed793ef00f-3

01:49:29.208 --> 01:49:33.709

showing severe damage. But the  
animals that were cooled to 33

f52995f3-c172-4748-9bf7-01ed793ef00f-4

01:49:33.709 --> 01:49:38.427

degrees, you see preservation of  
tissue and what's very exciting

f52995f3-c172-4748-9bf7-01ed793ef00f-5

01:49:38.427 --> 01:49:42.492

is that you also see a  
preservation of the motor neuron

f52995f3-c172-4748-9bf7-01ed793ef00f-6

01:49:42.492 --> 01:49:46.339

pool in the in the cervical area  
of the spinal cord.

45869e15-ed10-4594-a94d-c8d105ba972e-0

01:49:46.410 --> 01:49:50.861

Compared to the with hypothermia  
compared to the normal thermic

45869e15-ed10-4594-a94d-c8d105ba972e-1

01:49:50.861 --> 01:49:54.826

animals and improved hand  
function of showing a hanging,

45869e15-ed10-4594-a94d-c8d105ba972e-2

01:49:54.826 --> 01:49:59.138

the ability to hang on a wire as  
well as grip strength. So in

45869e15-ed10-4594-a94d-c8d105ba972e-3

01:49:59.138 --> 01:50:03.590

preclinical models of thoracic  
and cervical spinal cord injury,

45869e15-ed10-4594-a94d-c8d105ba972e-4

01:50:03.590 --> 01:50:07.902

there seems to be a significant  
improvement using therapeutic

45869e15-ed10-4594-a94d-c8d105ba972e-5

01:50:07.902 --> 01:50:09.850

hypothermia in these models.

08313a6e-0e48-4279-9eaa-e859775eba5e-0

01:50:10.910 --> 01:50:15.376

This is just showing some of the mechanisms. This is one of the

08313a6e-0e48-4279-9eaa-e859775eba5e-1

01:50:15.376 --> 01:50:19.563

areas that I've been studying for many years. OK, why would

08313a6e-0e48-4279-9eaa-e859775eba5e-2

01:50:19.563 --> 01:50:23.890

mild variations in temperature have such a dramatic effect on

08313a6e-0e48-4279-9eaa-e859775eba5e-3

01:50:23.890 --> 01:50:28.008

outcome? Well, we now know that if you cool CNS tissue, it

08313a6e-0e48-4279-9eaa-e859775eba5e-4

01:50:28.008 --> 01:50:31.986

decreases excitotoxicity a mechanism of cell death, free

08313a6e-0e48-4279-9eaa-e859775eba5e-5

01:50:31.986 --> 01:50:36.313

radical generation and release. You've heard about that blood

08313a6e-0e48-4279-9eaa-e859775eba5e-6

01:50:36.313 --> 01:50:40.012

brain barrier breakdown,  
inhibition of intracellular

08313a6e-0e48-4279-9eaa-e859775eba5e-7

01:50:40.012 --> 01:50:40.709

signaling.

5c939046-3d66-4983-88a0-74a41e27d0e3-0

01:50:40.780 --> 01:50:44.247

Cascades such as protein kinases  
and breakdown of the

5c939046-3d66-4983-88a0-74a41e27d0e3-1

01:50:44.247 --> 01:50:48.421

cytoskeletal protease system. If  
you warm the animal up a little

5c939046-3d66-4983-88a0-74a41e27d0e3-2

01:50:48.421 --> 01:50:52.659

bit, you actually accelerate all  
of these processes and make them

5c939046-3d66-4983-88a0-74a41e27d0e3-3

01:50:52.659 --> 01:50:56.512

worse. So this is some of the  
mechanisms and in addition to

5c939046-3d66-4983-88a0-74a41e27d0e3-4

01:50:56.512 --> 01:51:00.621

these types of mechanisms that  
we've studied and what how small

5c939046-3d66-4983-88a0-74a41e27d0e3-5

01:51:00.621 --> 01:51:04.153

variations in CNS temperature  
influence many secondary

5c939046-3d66-4983-88a0-74a41e27d0e3-6

01:51:04.153 --> 01:51:08.391

cascades and we think that's why  
temperature is so important. And

5c939046-3d66-4983-88a0-74a41e27d0e3-7

01:51:08.391 --> 01:51:10.960

that's why this particular  
therapeutic.

3601afee-e4ec-4f91-8d91-5d827686a264-0

01:51:11.030 --> 01:51:14.980

Intervention has made it to the  
clinic because the targets so

3601afee-e4ec-4f91-8d91-5d827686a264-1

01:51:14.980 --> 01:51:18.803

many secondary injury mechanisms

that we know are important

3601afee-e4ec-4f91-8d91-5d827686a264-2

01:51:18.803 --> 01:51:22.817

clinically. So getting back to  
this replication study, this is

3601afee-e4ec-4f91-8d91-5d827686a264-3

01:51:22.817 --> 01:51:26.066

a systemic review and meta  
analysis of therapeutic

3601afee-e4ec-4f91-8d91-5d827686a264-4

01:51:26.066 --> 01:51:30.017

hypothermia and all the animal  
models that have been used and

3601afee-e4ec-4f91-8d91-5d827686a264-5

01:51:30.017 --> 01:51:33.266

it shows that systemic  
hypothermia appears to be a

3601afee-e4ec-4f91-8d91-5d827686a264-6

01:51:33.266 --> 01:51:37.153

promising potential treatment  
for treating acute spinal cord

3601afee-e4ec-4f91-8d91-5d827686a264-7

01:51:37.153 --> 01:51:40.530

injury, which is really good  
news which gave us the.

4859ecb3-8cf8-4528-a5aa-ab64d90f1480-0

01:51:41.040 --> 01:51:45.862

The the ability then to move  
into clinical trials and this is

4859ecb3-8cf8-4528-a5aa-ab64d90f1480-1

01:51:45.862 --> 01:51:50.996

one of our first clinical trials  
of many, several years ago where

4859ecb3-8cf8-4528-a5aa-ab64d90f1480-2

01:51:50.996 --> 01:51:55.507

we cooled the 1st 14 Asia, a  
cervical patients, we called

4859ecb3-8cf8-4528-a5aa-ab64d90f1480-3

01:51:55.507 --> 01:52:00.174

them for 48 hours and we brought  
temperature down to modest

4859ecb3-8cf8-4528-a5aa-ab64d90f1480-4

01:52:00.174 --> 01:52:04.686

hypothermia, 33 degrees again  
normal thermia is around 37

4859ecb3-8cf8-4528-a5aa-ab64d90f1480-5



01:52:04.686 --> 01:52:09.041

degrees. We use these really  
nice intravascular cooling

4859ecb3-8cf8-4528-a5aa-ab64d90f1480-6

01:52:09.041 --> 01:52:12.620

catheters. We put them into the  
femoral vein.

25d24df6-c80e-4bd2-80e3-d6dfcf34e55b-0

01:52:12.690 --> 01:52:16.708

Up the inferior vena cava and  
then the individual can just

25d24df6-c80e-4bd2-80e3-d6dfcf34e55b-1

01:52:16.708 --> 01:52:20.522

type in what temperature you  
want the person to be, and

25d24df6-c80e-4bd2-80e3-d6dfcf34e55b-2

01:52:20.522 --> 01:52:24.745

they're very efficient and the  
technology is developing as we

25d24df6-c80e-4bd2-80e3-d6dfcf34e55b-3

01:52:24.745 --> 01:52:29.104

speak. But what we've been doing  
over the last several years is

25d24df6-c80e-4bd2-80e3-d6dfcf34e55b-4

01:52:29.104 --> 01:52:33.395

trying to get temperature down  
core temperature to 33 degrees,

25d24df6-c80e-4bd2-80e3-d6dfcf34e55b-5

01:52:33.395 --> 01:52:37.686

maintain it within six hours,  
maintain it at 33 degrees for 48

25d24df6-c80e-4bd2-80e3-d6dfcf34e55b-6

01:52:37.686 --> 01:52:41.977

hours, and then slowly rewarm  
the patient. And what was really

25d24df6-c80e-4bd2-80e3-d6dfcf34e55b-7

01:52:41.977 --> 01:52:42.590

exciting.

18cb9991-99ed-429e-97d5-1b51f1b3be6e-0

01:52:42.700 --> 01:52:47.242

About the first series of  
patients that we did this 14, we

18cb9991-99ed-429e-97d5-1b51f1b3be6e-1

01:52:47.242 --> 01:52:51.553

got an average conversion from  
Asia A. This is complete

18cb9991-99ed-429e-97d5-1b51f1b3be6e-2

01:52:51.553 --> 01:52:56.558

paralysis and this is how these  
patients started out as complete

18cb9991-99ed-429e-97d5-1b51f1b3be6e-3

01:52:56.558 --> 01:53:01.562

Asia's to B's and C's of 43%. So  
this is really encouraging that

18cb9991-99ed-429e-97d5-1b51f1b3be6e-4

01:53:01.562 --> 01:53:06.182

we could potentially improve  
functional outcome at one year

18cb9991-99ed-429e-97d5-1b51f1b3be6e-5

01:53:06.182 --> 01:53:10.878

in patients starting off with  
the most severe type of spinal

18cb9991-99ed-429e-97d5-1b51f1b3be6e-6

01:53:10.878 --> 01:53:14.420

cord injury. We've now cooled  
over 65 severe.

98eaa557-ccd3-4015-88d0-1a8c0cdddf9b-0

01:53:14.560 --> 01:53:17.250

NCI patients over the years.

83a1c0a9-35ec-4a2a-9671-ab42891c3298-0

01:53:18.080 --> 01:53:22.335

And we've got funding from the  
Department of Defense to do a

83a1c0a9-35ec-4a2a-9671-ab42891c3298-1

01:53:22.335 --> 01:53:26.172

prospective multicenter study  
comparing normal thermic

83a1c0a9-35ec-4a2a-9671-ab42891c3298-2

01:53:26.172 --> 01:53:30.079

patients with hypothermic  
patients. And this particular

83a1c0a9-35ec-4a2a-9671-ab42891c3298-3

01:53:30.079 --> 01:53:34.265

study just came out in spinal  
cord journal spinal cord that

83a1c0a9-35ec-4a2a-9671-ab42891c3298-4

01:53:34.265 --> 01:53:38.660

showed that there was a lack of  
significant complications with

83a1c0a9-35ec-4a2a-9671-ab42891c3298-5

01:53:38.660 --> 01:53:42.776

cooling patients. We were  
concerned that cooling patients,

83a1c0a9-35ec-4a2a-9671-ab42891c3298-6

01:53:42.776 --> 01:53:46.823

especially spinal cord injury  
patients would increase the

83a1c0a9-35ec-4a2a-9671-ab42891c3298-7

01:53:46.823 --> 01:53:47.730

incidence of.

58a58243-4a64-4496-a36d-259e133006f9-0

01:53:48.020 --> 01:53:51.885

Infection and pneumonia and  
things like that, but no

58a58243-4a64-4496-a36d-259e133006f9-1

01:53:51.885 --> 01:53:55.750

significant problems, high  
hypothermia versus normal

58a58243-4a64-4496-a36d-259e133006f9-2

01:53:55.750 --> 01:54:00.052

thermia in the group of patients  
have been studying. So it

58a58243-4a64-4496-a36d-259e133006f9-3

01:54:00.052 --> 01:54:03.918

appears to be safe. So is it  
effective? So we're now

58a58243-4a64-4496-a36d-259e133006f9-4

01:54:03.918 --> 01:54:05.960

recruiting patients in this.

f5523216-595a-4e6a-8518-c8e89b656c96-0

01:54:07.650 --> 01:54:11.257

So the question for this study  
are all the patients in both

f5523216-595a-4e6a-8518-c8e89b656c96-1

01:54:11.257 --> 01:54:14.984

groups getting a stabilization  
surgery within 24 hours. We're

f5523216-595a-4e6a-8518-c8e89b656c96-2

01:54:14.984 --> 01:54:18.471

trying to do decompression  
surgery within 24 hours in all

f5523216-595a-4e6a-8518-c8e89b656c96-3

01:54:18.471 --> 01:54:22.078

of these groups. And these are  
the three centers and all of

f5523216-595a-4e6a-8518-c8e89b656c96-4

01:54:22.078 --> 01:54:25.685

these are just excellent spine  
surgeons. So we're trying to

f5523216-595a-4e6a-8518-c8e89b656c96-5

01:54:25.685 --> 01:54:29.653

follow, to answer your question,  
which is good. When we're trying

f5523216-595a-4e6a-8518-c8e89b656c96-6

01:54:29.653 --> 01:54:33.561

to follow all of the procedures  
consistently among the among the

f5523216-595a-4e6a-8518-c8e89b656c96-7

01:54:33.561 --> 01:54:37.288

patients, some patients, vast  
majority in the in the protocol

f5523216-595a-4e6a-8518-c8e89b656c96-8

01:54:37.288 --> 01:54:38.130

decompression.

470c4144-01f8-4035-886f-3eab090c5aff-0

01:54:38.200 --> 01:54:42.208

Surgery. All the things that we  
would like to do surgically

470c4144-01f8-4035-886f-3eab090c5aff-1

01:54:42.208 --> 01:54:42.810

early on.

941d61c2-513b-48b5-84b7-d82d8df412f4-0

01:54:43.540 --> 01:54:46.559

Maybe some patients don't get it  
in time or things like that.

941d61c2-513b-48b5-84b7-d82d8df412f4-1

01:54:46.559 --> 01:54:49.627

It's it's a little bit variable  
in that, but that's that's the

941d61c2-513b-48b5-84b7-d82d8df412f4-2

01:54:49.627 --> 01:54:51.770

plan decompression surgery in  
all patients.

6969cebe-4655-4351-835a-ebeed5bcf6c6-0

01:54:53.680 --> 01:54:58.096

And this is at roll meant  
figures. Uh, we've, as we said,

6969cebe-4655-4351-835a-ebeed5bcf6c6-1

01:54:58.096 --> 01:55:02.740

we've a total enrollment now in  
this particular multi center

6969cebe-4655-4351-835a-ebeed5bcf6c6-2

01:55:02.740 --> 01:55:07.690

trial of 60 patients and our our  
goal is to target 120 patients.



946b5ed5-45b2-4b73-8a4f-d8178c3c284e-0

01:55:08.320 --> 01:55:12.220

So hopefully uh, at the end of  
maybe fourth quarter of of next

946b5ed5-45b2-4b73-8a4f-d8178c3c284e-1

01:55:12.220 --> 01:55:15.624

year, we'll have the 120  
patients and we'll be able to

946b5ed5-45b2-4b73-8a4f-d8178c3c284e-2

01:55:15.624 --> 01:55:19.277

determine whether again, is it  
safe and #2, does it have a

946b5ed5-45b2-4b73-8a4f-d8178c3c284e-3

01:55:19.277 --> 01:55:22.868

significant effect on outcome  
and that would be extremely

946b5ed5-45b2-4b73-8a4f-d8178c3c284e-4

01:55:22.868 --> 01:55:24.230

exciting to the field.

2d84c620-cd31-4913-95cd-37068f3dff63-0

01:55:25.820 --> 01:55:29.886

In parallel, we continue to do  
research on spinal cord injury

2d84c620-cd31-4913-95cd-37068f3dff63-1

01:55:29.886 --> 01:55:33.624

and we are now developing a  
series of cooling nano drugs

2d84c620-cd31-4913-95cd-37068f3dff63-2

01:55:33.624 --> 01:55:37.428

that can be used possibly in the  
emergency vehicle as the

2d84c620-cd31-4913-95cd-37068f3dff63-3

01:55:37.428 --> 01:55:40.839

individuals coming to the  
emergency room and we can

2d84c620-cd31-4913-95cd-37068f3dff63-4

01:55:40.839 --> 01:55:44.839

administer administer these the  
the the vision to administer

2d84c620-cd31-4913-95cd-37068f3dff63-5

01:55:44.839 --> 01:55:49.102

these intranasally. So you don't  
have to put a catheter in or or

2d84c620-cd31-4913-95cd-37068f3dff63-6

01:55:49.102 --> 01:55:53.169

other types of things and make

it more easy to actually start

2d84c620-cd31-4913-95cd-37068f3dff63-7

01:55:53.169 --> 01:55:56.579

the cooling process as the  
patients coming into the

2d84c620-cd31-4913-95cd-37068f3dff63-8

01:55:56.579 --> 01:55:57.170

hospital.

04e927c8-ebf6-44e2-b72f-c5babe814dc0-0

01:55:57.460 --> 01:56:01.437

And this is then this is a this  
is a rodent study where we've

04e927c8-ebf6-44e2-b72f-c5babe814dc0-1

01:56:01.437 --> 01:56:05.479

done intranasal infusion of this  
particular compound nano drug

04e927c8-ebf6-44e2-b72f-c5babe814dc0-2

01:56:05.479 --> 01:56:09.456

that actually nicely reduces  
temperature for a period of time

04e927c8-ebf6-44e2-b72f-c5babe814dc0-3

01:56:09.456 --> 01:56:13.241

and then you see it closely,

slowly, rewarmed and we think

04e927c8-ebf6-44e2-b72f-c5babe814dc0-4

01:56:13.241 --> 01:56:17.347

maybe this might be a strategy  
that we could use in combination

04e927c8-ebf6-44e2-b72f-c5babe814dc0-5

01:56:17.347 --> 01:56:21.453

with a more conventional cooling  
strategies using intravascular

04e927c8-ebf6-44e2-b72f-c5babe814dc0-6

01:56:21.453 --> 01:56:25.623

or surface cooling strategy. So  
this is a study that we're now

04e927c8-ebf6-44e2-b72f-c5babe814dc0-7

01:56:25.623 --> 01:56:28.509

doing with our colleagues in the  
department.

002647e3-e17b-4133-8a4e-c8dedc413286-0

01:56:28.580 --> 01:56:33.303

Of biochemistry that are experts  
in nano drug delivery. So this

002647e3-e17b-4133-8a4e-c8dedc413286-1

01:56:33.303 --> 01:56:36.920

is just a new area that we're  
moving forward in.

93a5422d-b180-466d-b13d-5199e6f7593b-0

01:56:38.440 --> 01:56:42.134

The other other area that we're  
really interested in and

93a5422d-b180-466d-b13d-5199e6f7593b-1

01:56:42.134 --> 01:56:45.958

probably extremely clinically  
important is yes, you have a

93a5422d-b180-466d-b13d-5199e6f7593b-2

01:56:45.958 --> 01:56:49.587

brain injury or you have a  
spinal cord injury. And what

93a5422d-b180-466d-b13d-5199e6f7593b-3

01:56:49.587 --> 01:56:53.735

does that do to the other organ  
systems? And today we're really

93a5422d-b180-466d-b13d-5199e6f7593b-4

01:56:53.735 --> 01:56:57.753

thinking about a global health  
of the patient and that means.

93a5422d-b180-466d-b13d-5199e6f7593b-5

01:56:57.753 --> 01:57:01.059

So what's happening in the  
respiratory system, the

93a5422d-b180-466d-b13d-5199e6f7593b-6

01:57:01.059 --> 01:57:04.883

cardiovascular system, the  
immune system, the the muscular

93a5422d-b180-466d-b13d-5199e6f7593b-7

01:57:04.883 --> 01:57:07.670

system, skeletal system,  
digestive system.

9b771a82-ad98-46bb-82cb-78b0200ad44a-0

01:57:07.760 --> 01:57:11.185

Urinary system. And so we're  
studying, we're trying to

9b771a82-ad98-46bb-82cb-78b0200ad44a-1

01:57:11.185 --> 01:57:14.985

understand how brain or spinal  
cord injury affects all these

9b771a82-ad98-46bb-82cb-78b0200ad44a-2

01:57:14.985 --> 01:57:18.908

systems. And yes, by this non  
autonomic nervous system that we

9b771a82-ad98-46bb-82cb-78b0200ad44a-3

01:57:18.908 --> 01:57:22.521

talk about a lot in the release  
of catecholamines and the

9b771a82-ad98-46bb-82cb-78b0200ad44a-4

01:57:22.521 --> 01:57:26.383

intrinsic nervous system, those  
types of things are certainly

9b771a82-ad98-46bb-82cb-78b0200ad44a-5

01:57:26.383 --> 01:57:30.182

involved. But our research has  
shown that possibly there are

9b771a82-ad98-46bb-82cb-78b0200ad44a-6

01:57:30.182 --> 01:57:33.794

other mechanisms by which the  
brain injury or spinal cord

9b771a82-ad98-46bb-82cb-78b0200ad44a-7

01:57:33.794 --> 01:57:36.659

injury can affect these remote  
organ systems.

a3d7395e-bd3c-45c4-bd8e-89527a26c298-0

01:57:37.260 --> 01:57:41.625

And this is the study that we  
did a couple of years ago now

a3d7395e-bd3c-45c4-bd8e-89527a26c298-1

01:57:41.625 --> 01:57:45.627

where we looked at the gut  
microbiome, uh, following a

a3d7395e-bd3c-45c4-bd8e-89527a26c298-2

01:57:45.627 --> 01:57:49.847

spinal cord injury in a rat  
model. And we saw that spinal

a3d7395e-bd3c-45c4-bd8e-89527a26c298-3

01:57:49.847 --> 01:57:54.067

cord injury had a dramatic  
effect on the gut microbiota 8

a3d7395e-bd3c-45c4-bd8e-89527a26c298-4

01:57:54.067 --> 01:57:58.360

weeks following spinal cord  
injury. We've now got have a a

a3d7395e-bd3c-45c4-bd8e-89527a26c298-5

01:57:58.360 --> 01:58:03.089

funded program by the DoD where  
we're looking at the first human

a3d7395e-bd3c-45c4-bd8e-89527a26c298-6

01:58:03.089 --> 01:58:07.600

repository to evaluate these



alterations in human spinal cord

a3d7395e-bd3c-45c4-bd8e-89527a26c298-7

01:58:07.600 --> 01:58:08.110

injury.

391b48f9-0a8f-4d40-ae59-e522fdcde9e0-0

01:58:08.430 --> 01:58:12.316

So it's it's clear that uh

spinal cord injury and brain

391b48f9-0a8f-4d40-ae59-e522fdcde9e0-1

01:58:12.316 --> 01:58:16.757

injury and stroke and traumatic

brain injury affecting multiple

391b48f9-0a8f-4d40-ae59-e522fdcde9e0-2

01:58:16.757 --> 01:58:21.060

organ systems. And we're really

think that looking at the gut

391b48f9-0a8f-4d40-ae59-e522fdcde9e0-3

01:58:21.060 --> 01:58:24.600

microbiome is extremely

important because I'm sure

391b48f9-0a8f-4d40-ae59-e522fdcde9e0-4

01:58:24.600 --> 01:58:29.180

you've been reading that the gut

microbiome can affect many types

391b48f9-0a8f-4d40-ae59-e522fdcde9e0-5

01:58:29.180 --> 01:58:33.275

of organ systems, including  
memory and aging and things of

391b48f9-0a8f-4d40-ae59-e522fdcde9e0-6

01:58:33.275 --> 01:58:37.439

this nature. So it's a very  
interesting area and a postdoc,

391b48f9-0a8f-4d40-ae59-e522fdcde9e0-7

01:58:37.439 --> 01:58:38.479

Dr Nadine Karr.

0172628f-bbeb-4849-b75e-b0767ba213e9-0

01:58:38.650 --> 01:58:43.406

Uh has has recently hypothesized  
that after brain or spinal cord

0172628f-bbeb-4849-b75e-b0767ba213e9-1

01:58:43.406 --> 01:58:47.578

injury, there's a release of  
brain derived extracellular

0172628f-bbeb-4849-b75e-b0767ba213e9-2

01:58:47.578 --> 01:58:51.823

vesicles. Extracellular vesicles

are lipid bound vesicles

0172628f-bbeb-4849-b75e-b0767ba213e9-3

01:58:51.823 --> 01:58:56.287

secreted by cells until the  
extracellular space, and this is

0172628f-bbeb-4849-b75e-b0767ba213e9-4

01:58:56.287 --> 01:59:00.092

a new way in which cells  
communicate to each other.

0172628f-bbeb-4849-b75e-b0767ba213e9-5

01:59:00.092 --> 01:59:04.118

They're releasing these very  
small vesicles and what's

0172628f-bbeb-4849-b75e-b0767ba213e9-6

01:59:04.118 --> 01:59:08.289

interesting is the cargo of  
these vesicles have a lot of

0172628f-bbeb-4849-b75e-b0767ba213e9-7

01:59:08.289 --> 01:59:09.679

different types of.

df1dcf02-a4ce-4d7b-8019-6afc34c81431-0

01:59:09.770 --> 01:59:14.445

Proteins and micro RNAs that

could actually yield detrimental

df1dcf02-a4ce-4d7b-8019-6afc34c81431-1

01:59:14.445 --> 01:59:19.121

effects if they're taken up by  
remote organ systems or remote

df1dcf02-a4ce-4d7b-8019-6afc34c81431-2

01:59:19.121 --> 01:59:23.797

cells, and we are finding when  
we actually study the cargo of

df1dcf02-a4ce-4d7b-8019-6afc34c81431-3

01:59:23.797 --> 01:59:28.246

these extracellular vesicles  
that are being released after

df1dcf02-a4ce-4d7b-8019-6afc34c81431-4

01:59:28.246 --> 01:59:32.847

brain injury. They're filled  
with pro inflammatory mediators

df1dcf02-a4ce-4d7b-8019-6afc34c81431-5

01:59:32.847 --> 01:59:36.995

that we think and certain  
neurotransmitters that think

df1dcf02-a4ce-4d7b-8019-6afc34c81431-6

01:59:36.995 --> 01:59:39.710

that we that could cause some  
harm.

01d53f09-2865-4b51-962b-c1d955d7e833-0

01:59:39.800 --> 01:59:44.107

To these remote organ systems.

So our current hypothesis is,

01d53f09-2865-4b51-962b-c1d955d7e833-1

01:59:44.107 --> 01:59:48.203

after brain or spinal cord

injury, you get the release of

01d53f09-2865-4b51-962b-c1d955d7e833-2

01:59:48.203 --> 01:59:52.511

these brain derived or spinal

cord derived exosomes into the

01d53f09-2865-4b51-962b-c1d955d7e833-3

01:59:52.511 --> 01:59:56.960

systemic circulation. They find

their way to a different organ

01d53f09-2865-4b51-962b-c1d955d7e833-4

01:59:56.960 --> 02:00:01.198

systems. In this case the gut

microbiome. They increase the

01d53f09-2865-4b51-962b-c1d955d7e833-5

02:00:01.198 --> 02:00:05.011

gut, they increase gut

permeability and in doing that

01d53f09-2865-4b51-962b-c1d955d7e833-6

02:00:05.011 --> 02:00:09.319

it affects the structure and

function of the gut and in turn

01d53f09-2865-4b51-962b-c1d955d7e833-7

02:00:09.319 --> 02:00:10.520

the gut releases.

7278d261-7670-4d3a-98b5-f312728b02b6-0

02:00:11.340 --> 02:00:15.624

Got to ride exosomes that can go

back and actually affect the the

7278d261-7670-4d3a-98b5-f312728b02b6-1

02:00:15.624 --> 02:00:19.713

brain injury or the spinal cord

injury, which could be good or

7278d261-7670-4d3a-98b5-f312728b02b6-2

02:00:19.713 --> 02:00:23.803

bad depending on what the cargo

is. So we're really interested

7278d261-7670-4d3a-98b5-f312728b02b6-3

02:00:23.803 --> 02:00:27.957

in continuing these studies and  
trying to figure out how we can

7278d261-7670-4d3a-98b5-f312728b02b6-4

02:00:27.957 --> 02:00:32.177

limit the detrimental effects of  
brain derived exosomes that may

7278d261-7670-4d3a-98b5-f312728b02b6-5

02:00:32.177 --> 02:00:36.201

affect a function of the gut,  
the kidney of the the lungs and

7278d261-7670-4d3a-98b5-f312728b02b6-6

02:00:36.201 --> 02:00:40.421

and etcetera areas that we know  
happening in clinical stroke. So

7278d261-7670-4d3a-98b5-f312728b02b6-7

02:00:40.421 --> 02:00:41.199

this is the.

e9f6fd95-304b-4a93-b3e6-995f6dd8f895-0

02:00:41.270 --> 02:00:45.997

Really nice area that we're now  
trying to figure out exactly how

e9f6fd95-304b-4a93-b3e6-995f6dd8f895-1

02:00:45.997 --> 02:00:49.924

to improve overall human  
function after CNS injury to

e9f6fd95-304b-4a93-b3e6-995f6dd8f895-2

02:00:49.924 --> 02:00:51.669

improve quality of life.

53684fe8-7075-4394-94be-9e25c01dfe55-0

02:00:52.700 --> 02:00:57.263

OK. So drug development is an  
area that we have really

53684fe8-7075-4394-94be-9e25c01dfe55-1

02:00:57.263 --> 02:01:02.325

emphasized in the last several  
years because of the fact, as

53684fe8-7075-4394-94be-9e25c01dfe55-2

02:01:02.325 --> 02:01:07.304

I've told you already, there are  
few drugs that are showing

53684fe8-7075-4394-94be-9e25c01dfe55-3

02:01:07.304 --> 02:01:11.784

dramatic neuroprotection in  
acute injuries and we are

53684fe8-7075-4394-94be-9e25c01dfe55-4



02:01:11.784 --> 02:01:16.846

looking for new compounds on new  
drugs that that can enhance

53684fe8-7075-4394-94be-9e25c01dfe55-5

02:01:16.846 --> 02:01:21.742

regeneration. So one of the  
areas we've been looked looked

53684fe8-7075-4394-94be-9e25c01dfe55-6

02:01:21.742 --> 02:01:23.070

at continuously.

8267fb93-d374-4fa8-94bd-472e0e1ef004-0

02:01:23.140 --> 02:01:27.752

Is inflammatory mediators and  
inflammation as you know is

8267fb93-d374-4fa8-94bd-472e0e1ef004-1

02:01:27.752 --> 02:01:32.763

extremely important in in acute  
injury as well as more chronic

8267fb93-d374-4fa8-94bd-472e0e1ef004-2

02:01:32.763 --> 02:01:37.216

injuries. And so a group has  
been working on the innate

8267fb93-d374-4fa8-94bd-472e0e1ef004-3

02:01:37.216 --> 02:01:42.068

immune response which is the  
response that we see within our

8267fb93-d374-4fa8-94bd-472e0e1ef004-4

02:01:42.068 --> 02:01:46.999

minutes or hours after a cell is  
is stressed by a bacteria or

8267fb93-d374-4fa8-94bd-472e0e1ef004-5

02:01:46.999 --> 02:01:51.452

infection and that's the  
biological reason for it to be

8267fb93-d374-4fa8-94bd-472e0e1ef004-6

02:01:51.452 --> 02:01:53.600

being there. We found that.

fada8501-fae4-4b27-a12e-28dc17a75804-0

02:01:53.670 --> 02:01:56.180

After uh, brain and spinal cord  
injury.

f56e1aa8-ef89-4e38-83d7-43e4ec6f942f-0

02:01:56.800 --> 02:02:00.712

We also get a very dramatic  
activation of the innate

f56e1aa8-ef89-4e38-83d7-43e4ec6f942f-1

02:02:00.712 --> 02:02:04.330

immunity through what's called  
the inflammasome.

6fcb4315-5ab4-4fb2-96b3-a212a0b332f4-0

02:02:05.070 --> 02:02:08.423

That's an area we've been  
working on for the last 15

6fcb4315-5ab4-4fb2-96b3-a212a0b332f4-1

02:02:08.423 --> 02:02:12.220

years. The Inflammasome is a  
multi protein complex involved

6fcb4315-5ab4-4fb2-96b3-a212a0b332f4-2

02:02:12.220 --> 02:02:15.700

in the activation of caspase one  
and other protein pro

6fcb4315-5ab4-4fb2-96b3-a212a0b332f4-3

02:02:15.700 --> 02:02:19.876

inflammatory cytokines. And this  
is just a cell signaling drawing

6fcb4315-5ab4-4fb2-96b3-a212a0b332f4-4

02:02:19.876 --> 02:02:23.736

of what's happening and what  
we've done to make a Long story

6fcb4315-5ab4-4fb2-96b3-a212a0b332f4-5

02:02:23.736 --> 02:02:27.533

short is we've developed a  
series of antibodies that target

6fcb4315-5ab4-4fb2-96b3-a212a0b332f4-6

02:02:27.533 --> 02:02:30.886

ASC, which is an adaptive  
molecule that allows these

6fcb4315-5ab4-4fb2-96b3-a212a0b332f4-7

02:02:30.886 --> 02:02:34.620

proteins to come together to  
form the active inflammasome.

ec89cbda-0193-4c65-8a59-d31b3028ad33-0

02:02:34.970 --> 02:02:38.880

And with this ASC, which is  
apoptosis, associated speck like

ec89cbda-0193-4c65-8a59-d31b3028ad33-1

02:02:38.880 --> 02:02:42.277

protein containing caspase  
recruitment domain, these

ec89cbda-0193-4c65-8a59-d31b3028ad33-2

02:02:42.277 --> 02:02:45.867

antibodies block the formation  
of the flaming stone and

ec89cbda-0193-4c65-8a59-d31b3028ad33-3

02:02:45.867 --> 02:02:49.585

apoptosis is that that would  
actually improve outcome in

ec89cbda-0193-4c65-8a59-d31b3028ad33-4

02:02:49.585 --> 02:02:53.559

models of brain and spinal cord  
injury. So this is a study we

ec89cbda-0193-4c65-8a59-d31b3028ad33-5

02:02:53.559 --> 02:02:57.470

did several years ago, again in  
spinal cord injury, where we

ec89cbda-0193-4c65-8a59-d31b3028ad33-6

02:02:57.470 --> 02:03:01.123

gave the antibody and you see  
the antibody reduced these

ec89cbda-0193-4c65-8a59-d31b3028ad33-7

02:03:01.123 --> 02:03:04.457

plowing pro inflammatory  
mediators compared to a IG

ec89cbda-0193-4c65-8a59-d31b3028ad33-8

02:03:04.457 --> 02:03:04.970

control.

0b670b07-7864-4984-9469-33e8706373c1-0

02:03:05.410 --> 02:03:10.739

It reduced overall damage of the  
of the spinal cord injury and it

0b670b07-7864-4984-9469-33e8706373c1-1

02:03:10.739 --> 02:03:16.069

improved upper limb function. So  
we're we're really excited about

0b670b07-7864-4984-9469-33e8706373c1-2

02:03:16.069 --> 02:03:20.915

that and we are excited about  
trying to move this to spinal

0b670b07-7864-4984-9469-33e8706373c1-3

02:03:20.915 --> 02:03:26.002

cord injury research, but at the  
same time, over the years the

0b670b07-7864-4984-9469-33e8706373c1-4

02:03:26.002 --> 02:03:31.332

INFLAMMASOME has become involved  
in many other types of diseases.

0b670b07-7864-4984-9469-33e8706373c1-5

02:03:31.332 --> 02:03:35.289

Some of the listed here are

autoimmune diseases.

8b41aa0f-9354-4097-afa2-089a8f08fb77-0

02:03:35.370 --> 02:03:38.472

Metabolic diseases,

neurodegenerative diseases such

8b41aa0f-9354-4097-afa2-089a8f08fb77-1

02:03:38.472 --> 02:03:42.349

as Alzheimer's, Parkinson's, ALS

and then of course, spinal cord

8b41aa0f-9354-4097-afa2-089a8f08fb77-2

02:03:42.349 --> 02:03:45.750

injury, traumatic traumatic

brain injury and stroke. And

8b41aa0f-9354-4097-afa2-089a8f08fb77-3

02:03:45.750 --> 02:03:49.270

it's now even involved in

cancer. So really excited about.

70a43f98-9e36-4af0-9a54-7ebe51bbd92b-0

02:03:50.440 --> 02:03:54.723

Working uh. More to clarify how

to control abnormal inflammation

70a43f98-9e36-4af0-9a54-7ebe51bbd92b-1

02:03:54.723 --> 02:03:58.809

signaling and this particular  
therapy has been picked up by a

70a43f98-9e36-4af0-9a54-7ebe51bbd92b-2

02:03:58.809 --> 02:04:03.158

company and licensed by DIVERSA.

And now we're kind of out of the

70a43f98-9e36-4af0-9a54-7ebe51bbd92b-3

02:04:03.158 --> 02:04:07.507

picture and watching to see what

this company does, but hopefully

70a43f98-9e36-4af0-9a54-7ebe51bbd92b-4

02:04:07.507 --> 02:04:11.527

they're going to bring this to a

clinical trials in the near

70a43f98-9e36-4af0-9a54-7ebe51bbd92b-5

02:04:11.527 --> 02:04:15.019

future. So this is an example of

how basic research.

4711d1e0-fe4f-4752-99a6-df1bf01064d8-0

02:04:15.730 --> 02:04:19.715

Can be taken up by industry and

that's important because it can

4711d1e0-fe4f-4752-99a6-df1bf01064d8-1



02:04:19.715 --> 02:04:23.077

help us do the clinical trials

that are so very, very

4711d1e0-fe4f-4752-99a6-df1bf01064d8-2

02:04:23.077 --> 02:04:23.700

expensive.

84c9d79e-9963-411f-aea0-75a6de683284-0

02:04:25.010 --> 02:04:28.264

In in the Miami project at the

University of Miami, yes, we

84c9d79e-9963-411f-aea0-75a6de683284-1

02:04:28.264 --> 02:04:31.519

want to do the best research

research, but the same time to

84c9d79e-9963-411f-aea0-75a6de683284-2

02:04:31.519 --> 02:04:34.720

actually get to clinical trials

and be able to pay for the

84c9d79e-9963-411f-aea0-75a6de683284-3

02:04:34.720 --> 02:04:38.137

clinical trials, which sometimes

are millions and millions and

84c9d79e-9963-411f-aea0-75a6de683284-4

02:04:38.137 --> 02:04:41.501

millions of dollars having some  
type of intellectual property

84c9d79e-9963-411f-aea0-75a6de683284-5

02:04:41.501 --> 02:04:44.864

that a company is interested in  
in licensing is a really nice

84c9d79e-9963-411f-aea0-75a6de683284-6

02:04:44.864 --> 02:04:48.390

approach that we've learned that  
is very advantageous for moving

84c9d79e-9963-411f-aea0-75a6de683284-7

02:04:48.390 --> 02:04:49.530

things to the clinic.

5baaef36-52fb-48ae-bcca-9ddb11a7a664-0

02:04:50.350 --> 02:04:54.010

So the last part of my slide,  
I'll just move to the reparative

5baaef36-52fb-48ae-bcca-9ddb11a7a664-1

02:04:54.010 --> 02:04:54.650

strategies.

72c6a542-1c79-48a8-a148-61b0f0f99161-0

02:04:55.340 --> 02:04:59.322

Like uh, neuroprotection, uh,  
there's a lot of targets in

72c6a542-1c79-48a8-a148-61b0f0f99161-1

02:04:59.322 --> 02:05:03.373

terms of enhancing axonal  
regeneration or targeting of the

72c6a542-1c79-48a8-a148-61b0f0f99161-2

02:05:03.373 --> 02:05:07.012

glial scar. That's maybe an  
impediment to successful

72c6a542-1c79-48a8-a148-61b0f0f99161-3

02:05:07.012 --> 02:05:10.994

regeneration or new vessel  
growth to provide nutrients to

72c6a542-1c79-48a8-a148-61b0f0f99161-4

02:05:10.994 --> 02:05:15.114

the tissue or remyelination.  
Again, the list goes on and on

72c6a542-1c79-48a8-a148-61b0f0f99161-5

02:05:15.114 --> 02:05:19.440

in terms of how we can repair  
the nervous system after injury.

99949c71-273c-4d28-b811-8af444ae2097-0

02:05:20.080 --> 02:05:24.650

There's two major mechanisms for  
improving regeneration, and this

99949c71-273c-4d28-b811-8af444ae2097-1

02:05:24.650 --> 02:05:28.597

is of course what we're trying  
to do. It's the basis for

99949c71-273c-4d28-b811-8af444ae2097-2

02:05:28.597 --> 02:05:32.890

improving outcome after brain  
and spinal cord injury in terms

99949c71-273c-4d28-b811-8af444ae2097-3

02:05:32.890 --> 02:05:37.252

of repairing the nervous system.

There's this intrinsic growth

99949c71-273c-4d28-b811-8af444ae2097-4

02:05:37.252 --> 02:05:41.200

capacity of the adult nervous  
system, which needs to be.

97b228f9-9921-49b7-b51e-e4954dd4f483-0

02:05:42.540 --> 02:05:46.828

Uh, uh, targeted. And we do that  
through cell transplantation,

97b228f9-9921-49b7-b51e-e4954dd4f483-1

02:05:46.828 --> 02:05:50.981

neurotrophe and supplementation

growth factors, gene therapy,

97b228f9-9921-49b7-b51e-e4954dd4f483-2

02:05:50.981 --> 02:05:55.406

bioengineered scaffolds. But we

also have this extrinsic factors

97b228f9-9921-49b7-b51e-e4954dd4f483-3

02:05:55.406 --> 02:05:59.014

that after spinal cord injury,

produce an inhibitory

97b228f9-9921-49b7-b51e-e4954dd4f483-4

02:05:59.014 --> 02:06:02.758

environment that impede a

successful regeneration. And

97b228f9-9921-49b7-b51e-e4954dd4f483-5

02:06:02.758 --> 02:06:06.911

these are some of the controls

and sulfate proteoglycans you

97b228f9-9921-49b7-b51e-e4954dd4f483-6

02:06:06.911 --> 02:06:11.200

read about or the the no go and

other myelinate inhibitors. So

97b228f9-9921-49b7-b51e-e4954dd4f483-7

02:06:11.200 --> 02:06:12.630

again a very complex.

7cb64f72-00b4-4889-a3f3-26d85b084475-0

02:06:12.700 --> 02:06:15.890

Series of challenges that we  
have to approach.

d14776e5-11c4-4994-b375-ad80e8b02bb3-0

02:06:16.970 --> 02:06:21.222

We've been approaching this with  
drug discovery using high

d14776e5-11c4-4994-b375-ad80e8b02bb3-1

02:06:21.222 --> 02:06:25.330

content screening. It's a  
strategy that a lot of biotech

d14776e5-11c4-4994-b375-ad80e8b02bb3-2

02:06:25.330 --> 02:06:29.149

companies and now in academia  
utilize to be able to.

0be11a45-074c-47db-a503-30a0093b0afb-0

02:06:29.860 --> 02:06:34.475

Screen these huge libraries of  
FDA approved trials or micro

0be11a45-074c-47db-a503-30a0093b0afb-1

02:06:34.475 --> 02:06:39.166

RNA's or or things that may be  
important in enhancing axonal

0be11a45-074c-47db-a503-30a0093b0afb-2

02:06:39.166 --> 02:06:44.012

regeneration over the last, you  
know, 15 years the the project

0be11a45-074c-47db-a503-30a0093b0afb-3

02:06:44.012 --> 02:06:48.397

purchased this high content  
screening equipment and have

0be11a45-074c-47db-a503-30a0093b0afb-4

02:06:48.397 --> 02:06:53.089

evaluated over 400 and 44140  
million compounds and counting.

0be11a45-074c-47db-a503-30a0093b0afb-5

02:06:53.089 --> 02:06:57.780

And what we're really excited  
about now that's where that we

0be11a45-074c-47db-a503-30a0093b0afb-6

02:06:57.780 --> 02:07:00.550

are really putting a lot of

effort.

577526ff-8984-4ff9-9a7f-d6bb061c9a05-0

02:07:00.620 --> 02:07:05.219

Into is that we've just we're  
using a high content screening,

577526ff-8984-4ff9-9a7f-d6bb061c9a05-1

02:07:05.219 --> 02:07:10.041

we've identified it a family of  
kinase inhibitors that appear to

577526ff-8984-4ff9-9a7f-d6bb061c9a05-2

02:07:10.041 --> 02:07:14.493

enhance very successful axonal  
regeneration of the cortical

577526ff-8984-4ff9-9a7f-d6bb061c9a05-3

02:07:14.493 --> 02:07:18.944

spinal tract. Now this is the  
track that's involved in, you

577526ff-8984-4ff9-9a7f-d6bb061c9a05-4

02:07:18.944 --> 02:07:23.321

know, moving your hands and  
moving your legs. And it's one

577526ff-8984-4ff9-9a7f-d6bb061c9a05-5

02:07:23.321 --> 02:07:27.920



of the more difficult tracks to  
enhance plasticity or circuit

577526ff-8984-4ff9-9a7f-d6bb061c9a05-6

02:07:27.920 --> 02:07:30.739

reorganization or or  
regeneration so.

59b3e68b-ad4c-4e29-b685-c8ebe5a3eb8d-0

02:07:30.830 --> 02:07:36.153

But with Van Slim and John Bixby  
and his son Ali, they've shown

59b3e68b-ad4c-4e29-b685-c8ebe5a3eb8d-1

02:07:36.153 --> 02:07:40.229

and using a very nice  
biotechnology platform for

59b3e68b-ad4c-4e29-b685-c8ebe5a3eb8d-2

02:07:40.229 --> 02:07:45.304

looking at drug targets, they've  
isolated a series of kinase

59b3e68b-ad4c-4e29-b685-c8ebe5a3eb8d-3

02:07:45.304 --> 02:07:49.712

inhibitors and we just were  
funded by NIH. This very

59b3e68b-ad4c-4e29-b685-c8ebe5a3eb8d-4

02:07:49.712 --> 02:07:53.955

impressive blueprint

Neurotherapeutics network ran

59b3e68b-ad4c-4e29-b685-c8ebe5a3eb8d-5

02:07:53.955 --> 02:07:58.779

for \$6 million, which is going

to allow us to continue to

59b3e68b-ad4c-4e29-b685-c8ebe5a3eb8d-6

02:07:58.779 --> 02:08:00.609

develop the compounds.

b30b03e5-944c-4d90-8975-cbca221dd177-0

02:08:01.050 --> 02:08:04.957

Uh work on the pharmacokinetics,

uh and then move it into uh.

b30b03e5-944c-4d90-8975-cbca221dd177-1

02:08:04.957 --> 02:08:08.612

Hopefully an FDA approved

clinical trial in the next four

b30b03e5-944c-4d90-8975-cbca221dd177-2

02:08:08.612 --> 02:08:12.267

years. So that's where we're

very excited about that drug

b30b03e5-944c-4d90-8975-cbca221dd177-3

02:08:12.267 --> 02:08:15.922

discovery program and and  
because of that, the University

b30b03e5-944c-4d90-8975-cbca221dd177-4

02:08:15.922 --> 02:08:19.451

of Miami is now investing  
additional \$10 million in the

b30b03e5-944c-4d90-8975-cbca221dd177-5

02:08:19.451 --> 02:08:23.043

state-of-the-art high content  
screening molecular Shared

b30b03e5-944c-4d90-8975-cbca221dd177-6

02:08:23.043 --> 02:08:27.076

Resource facility, which will be  
on the 1st floor of the lowest

b30b03e5-944c-4d90-8975-cbca221dd177-7

02:08:27.076 --> 02:08:30.731

Pipe Life Center using it for  
neuroscience and cancer and

b30b03e5-944c-4d90-8975-cbca221dd177-8

02:08:30.731 --> 02:08:31.109

other.

92243e09-f442-421a-84ac-95e71ae87dae-0

02:08:31.790 --> 02:08:34.622

Human disorders. So that's  
blossomed as to a big success

92243e09-f442-421a-84ac-95e71ae87dae-1

02:08:34.622 --> 02:08:36.560

story that we're really excited  
about.

35b59bf8-2f39-4c2d-aeb1-39cde9aae508-0

02:08:37.520 --> 02:08:38.460

And finally.

3df2642e-2cbf-423f-be67-8e4d0e467b00-0

02:08:39.370 --> 02:08:43.206

Again, a vision is to do the  
best basic research. The best

3df2642e-2cbf-423f-be67-8e4d0e467b00-1

02:08:43.206 --> 02:08:47.432

translational research in animal  
models, and then move it to the

3df2642e-2cbf-423f-be67-8e4d0e467b00-2

02:08:47.432 --> 02:08:51.529

clinical trial. So what are we  
doing in terms of that clinical

3df2642e-2cbf-423f-be67-8e4d0e467b00-3

02:08:51.529 --> 02:08:55.625

trials? Well, we have a number  
of FDA approved trials. Many of

3df2642e-2cbf-423f-be67-8e4d0e467b00-4

02:08:55.625 --> 02:08:59.396

these are the result of our  
basic research in the project

3df2642e-2cbf-423f-be67-8e4d0e467b00-5

02:08:59.396 --> 02:09:03.167

over the years. We have a active  
ID in human Schwann cell

3df2642e-2cbf-423f-be67-8e4d0e467b00-6

02:09:03.167 --> 02:09:07.069

transplantation, targeting  
subacute and chronic spinal cord

3df2642e-2cbf-423f-be67-8e4d0e467b00-7

02:09:07.069 --> 02:09:09.409

injury. So we injected millions  
of.

554baa68-6922-4421-b028-6aa3e55b2b68-0

02:09:09.500 --> 02:09:13.908

Uh, human Schwann cells into  
people with spinal cord injury.

554baa68-6922-4421-b028-6aa3e55b2b68-1

02:09:13.908 --> 02:09:18.245

We have a really exciting new  
Schwann cell derived bridging

554baa68-6922-4421-b028-6aa3e55b2b68-2

02:09:18.245 --> 02:09:22.798

strategy targeting peripheral  
nerve injuries. As you may know,

554baa68-6922-4421-b028-6aa3e55b2b68-3

02:09:22.798 --> 02:09:27.279

if you damage your peripheral  
nerves too much, the gap is too

554baa68-6922-4421-b028-6aa3e55b2b68-4

02:09:27.279 --> 02:09:30.821

large. They just do not  
regenerate. And with the

554baa68-6922-4421-b028-6aa3e55b2b68-5

02:09:30.821 --> 02:09:34.434

combination of Schwann cell  
seating and abridging

554baa68-6922-4421-b028-6aa3e55b2b68-6

02:09:34.434 --> 02:09:38.265

biomaterial, we've in two  
patients so far shown very

554baa68-6922-4421-b028-6aa3e55b2b68-7

02:09:38.265 --> 02:09:40.000

successful regeneration.

60e12896-8d2c-4a3e-986d-d3929449ee44-0

02:09:40.070 --> 02:09:44.742

Across the gap, and so that is

now a funded with by the FDA, by

60e12896-8d2c-4a3e-986d-d3929449ee44-1

02:09:44.742 --> 02:09:49.488

the Department of Defense, we've

done a couple of brain computer

60e12896-8d2c-4a3e-986d-d3929449ee44-2

02:09:49.488 --> 02:09:54.234

interface studies on on patients

to kind of bypass, if you will,

60e12896-8d2c-4a3e-986d-d3929449ee44-3

02:09:54.234 --> 02:09:58.250

the the injured spinal cord deep

brain stimulation for

60e12896-8d2c-4a3e-986d-d3929449ee44-4

02:09:58.250 --> 02:10:02.338

neuropathic pain and autonomic

dysreflexia. Ohh, Doctor

60e12896-8d2c-4a3e-986d-d3929449ee44-5

02:10:02.338 --> 02:10:06.938

Jaggard, we've injected MSC's  
muzikal stem cells for sub acute

60e12896-8d2c-4a3e-986d-d3929449ee44-6

02:10:06.938 --> 02:10:10.370

spinal cord injury, neuro stem  
cell treatment.

b9ae1859-b6b1-41a3-8395-5eca28c5cbc1-0

02:10:10.440 --> 02:10:12.240

For a spinal cord injury.

9a82deb4-2e88-43d9-ac6c-2d5755d1e778-0

02:10:13.340 --> 02:10:18.232

He just, um, just this two weeks  
ago, we injected at first ALS

9a82deb4-2e88-43d9-ac6c-2d5755d1e778-1

02:10:18.232 --> 02:10:22.814

patient with human Schwann cell  
derived exosomes which are

9a82deb4-2e88-43d9-ac6c-2d5755d1e778-2

02:10:22.814 --> 02:10:27.319

delivering the cargo as I've  
talked to you about of of of



9a82deb4-2e88-43d9-ac6c-2d5755d1e778-3

02:10:27.319 --> 02:10:32.444

anti-inflammatory as well as pro  
regenerative genes. And so we're

9a82deb4-2e88-43d9-ac6c-2d5755d1e778-4

02:10:32.444 --> 02:10:37.027

hoping that this might be a new  
way in which we can target

9a82deb4-2e88-43d9-ac6c-2d5755d1e778-5

02:10:37.027 --> 02:10:41.686

neurodegenerative diseases and  
we just got approval to do a

9a82deb4-2e88-43d9-ac6c-2d5755d1e778-6

02:10:41.686 --> 02:10:43.240

very exciting nerve.

6ac3cd43-5f5b-40ae-8736-042c79ab6286-0

02:10:43.350 --> 02:10:47.924

Transfer surgery for spinal cord  
injury patients and that's

6ac3cd43-5f5b-40ae-8736-042c79ab6286-1

02:10:47.924 --> 02:10:52.574

another multicenter trial. So  
this is the result of a lot of

6ac3cd43-5f5b-40ae-8736-042c79ab6286-2

02:10:52.574 --> 02:10:57.072

work that's now turned into  
clinical clinical programs. We

6ac3cd43-5f5b-40ae-8736-042c79ab6286-3

02:10:57.072 --> 02:11:01.341

we you do a lot of self  
therapies in the in the project

6ac3cd43-5f5b-40ae-8736-042c79ab6286-4

02:11:01.341 --> 02:11:06.144

and we can get stem cells as you  
know from many, many types of

6ac3cd43-5f5b-40ae-8736-042c79ab6286-5

02:11:06.144 --> 02:11:10.718

sources. We've spent a lot of  
time developing strategies to

6ac3cd43-5f5b-40ae-8736-042c79ab6286-6

02:11:10.718 --> 02:11:14.529

use Schwann cells because we can  
we can generate.

c7527537-20cd-4d54-8a7c-a0935e17e911-0

02:11:14.630 --> 02:11:19.249

Millions of Schwann cells that

we can inject into a person, and

c7527537-20cd-4d54-8a7c-a0935e17e911-1

02:11:19.249 --> 02:11:23.725

these cells have been shown to  
release growth factors and the

c7527537-20cd-4d54-8a7c-a0935e17e911-2

02:11:23.725 --> 02:11:28.273

extracellular matrix components,  
he remyelinate central axons.

c7527537-20cd-4d54-8a7c-a0935e17e911-3

02:11:28.273 --> 02:11:32.459

And so doctors Richard Bungee  
and Mary Bungee came to the

c7527537-20cd-4d54-8a7c-a0935e17e911-4

02:11:32.459 --> 02:11:36.935

project many years ago with this  
vision to repair the nervous

c7527537-20cd-4d54-8a7c-a0935e17e911-5

02:11:36.935 --> 02:11:41.194

system using swan cells, we  
developed ways in which we can

c7527537-20cd-4d54-8a7c-a0935e17e911-6

02:11:41.194 --> 02:11:44.659

sell products processor swan

cells by GMP. Good

c7527537-20cd-4d54-8a7c-a0935e17e911-7

02:11:44.659 --> 02:11:45.670

manufacturing.

29418c20-c0ae-4437-b799-bac9b8e0ae74-0

02:11:45.750 --> 02:11:49.466

Uh procedure um FDA comp, uh

strategies that we can move this

29418c20-c0ae-4437-b799-bac9b8e0ae74-1

02:11:49.466 --> 02:11:53.362

to the clinical trials and I've

already talked to you about some

29418c20-c0ae-4437-b799-bac9b8e0ae74-2

02:11:53.362 --> 02:11:55.940

of those clinical trials that

we're doing.

3397130f-2ad8-4805-ba5a-212b243865e6-0

02:11:56.630 --> 02:12:00.609

Ohh this is the peripheral nerve

regeneration trial that I

3397130f-2ad8-4805-ba5a-212b243865e6-1

02:12:00.609 --> 02:12:04.925

discussed. Again, seeding these  
biomaterials with Schwann cells

3397130f-2ad8-4805-ba5a-212b243865e6-2

02:12:04.925 --> 02:12:08.769

and and showing that over  
several months we can actually

3397130f-2ad8-4805-ba5a-212b243865e6-3

02:12:08.769 --> 02:12:12.883

get axons to grow into this  
bridge and then out the same the

3397130f-2ad8-4805-ba5a-212b243865e6-4

02:12:12.883 --> 02:12:16.255

other end and and in two  
patients we've seen some

3397130f-2ad8-4805-ba5a-212b243865e6-5

02:12:16.255 --> 02:12:20.032

incredible improvement in  
sensory and motor function in

3397130f-2ad8-4805-ba5a-212b243865e6-6

02:12:20.032 --> 02:12:20.370

legs.

09c6991f-293b-4270-b6fa-abd756a65bae-0

02:12:21.190 --> 02:12:25.615

And this is the next steps  
utilizing these exosomes that I

09c6991f-293b-4270-b6fa-abd756a65bae-1

02:12:25.615 --> 02:12:30.190

mentioned that we've done with  
one ALS patient. And our goal

09c6991f-293b-4270-b6fa-abd756a65bae-2

02:12:30.190 --> 02:12:34.765

ultimately is to systemically  
administer these human Schwann

09c6991f-293b-4270-b6fa-abd756a65bae-3

02:12:34.765 --> 02:12:38.890

cell exosomes to again to  
protect and repair the brain

09c6991f-293b-4270-b6fa-abd756a65bae-4

02:12:38.890 --> 02:12:43.165

spinal cord after injury.  
Exosomes are nanosized bio bio

09c6991f-293b-4270-b6fa-abd756a65bae-5

02:12:43.165 --> 02:12:46.990

vesicles microvesicles I  
mentioned something about

09c6991f-293b-4270-b6fa-abd756a65bae-6

02:12:46.990 --> 02:12:51.340

extracellular vesicles. But the  
exosomes are are smaller.

b4dcc085-6b75-4686-b177-d872f5d26bc5-0

02:12:51.440 --> 02:12:56.123

Then this our sub population of  
extracellular vesicles and they,

b4dcc085-6b75-4686-b177-d872f5d26bc5-1

02:12:56.123 --> 02:12:59.510

uh probably have a more constant  
concentrated.

6f316414-9804-4e2f-8c0f-2481a14c2cc2-0

02:13:01.180 --> 02:13:04.360

Cargo that we can study and  
that's what we're doing a lot of

6f316414-9804-4e2f-8c0f-2481a14c2cc2-1

02:13:04.360 --> 02:13:07.488

gene screening right now in  
excess sums to find out exactly

6f316414-9804-4e2f-8c0f-2481a14c2cc2-2

02:13:07.488 --> 02:13:08.740

what they're delivering.

4d1f9dde-abad-421d-bf85-709a94d1f134-0

02:13:09.780 --> 02:13:14.106

It's really interesting that if  
you take these exosomes from

4d1f9dde-abed-421d-bf85-709a94d1f134-1

02:13:14.106 --> 02:13:18.361

human Schwann cells and place  
them on a pyramidal neuron in

4d1f9dde-abed-421d-bf85-709a94d1f134-2

02:13:18.361 --> 02:13:22.404

culture, they in the multiple  
treatments induce a lot of

4d1f9dde-abed-421d-bf85-709a94d1f134-3

02:13:22.404 --> 02:13:26.518

neurite growth. This is just a  
comparison of nerve growth

4d1f9dde-abed-421d-bf85-709a94d1f134-4

02:13:26.518 --> 02:13:30.773

factor. So the cargo of human  
Schwann cells is is very rich

4d1f9dde-abed-421d-bf85-709a94d1f134-5

02:13:30.773 --> 02:13:35.383

and we're excited therefore that  
delivering these exosomes might



4d1f9dde-abed-421d-bf85-709a94d1f134-6

02:13:35.383 --> 02:13:38.150

be both protective and and  
reparative.

78fb3194-2789-415d-a7e4-63f3d356cdc1-0

02:13:39.680 --> 02:13:44.231

And traumatic brain injury  
moving from spinal cord injury

78fb3194-2789-415d-a7e4-63f3d356cdc1-1

02:13:44.231 --> 02:13:48.860

now to TBI, we also have a very,  
very busy program. Again,

78fb3194-2789-415d-a7e4-63f3d356cdc1-2

02:13:48.860 --> 02:13:53.647

Discovery translational and  
clinical work and we spent a lot

78fb3194-2789-415d-a7e4-63f3d356cdc1-3

02:13:53.647 --> 02:13:57.727

of time looking at post  
concussion syndromes in the

78fb3194-2789-415d-a7e4-63f3d356cdc1-4

02:13:57.727 --> 02:14:02.827

project for the obvious reasons  
that 80% of TBI's are considered

78fb3194-2789-415d-a7e4-63f3d356cdc1-5

02:14:02.827 --> 02:14:07.535

mild and it's becoming more and  
more clear that people with

78fb3194-2789-415d-a7e4-63f3d356cdc1-6

02:14:07.535 --> 02:14:10.910

concussions can have long  
lasting effects.

34577dd1-d31b-408d-afca-7d8b06a4396e-0

02:14:10.980 --> 02:14:14.988

And of course, in the NFL,  
they've been emphasizing more

34577dd1-d31b-408d-afca-7d8b06a4396e-1

02:14:14.988 --> 02:14:19.137

and more the increase, the  
prevalence of chronic traumatic

34577dd1-d31b-408d-afca-7d8b06a4396e-2

02:14:19.137 --> 02:14:22.794

encephalopathy and and and  
patients. So we took the

34577dd1-d31b-408d-afca-7d8b06a4396e-3

02:14:22.794 --> 02:14:26.592

opportunity to test the

hypothesis that human Schwann

34577dd1-d31b-408d-afca-7d8b06a4396e-4

02:14:26.592 --> 02:14:30.671

cell derived exosomes may  
protect be protective and a TBI

34577dd1-d31b-408d-afca-7d8b06a4396e-5

02:14:30.671 --> 02:14:34.961

model. And this particular study  
is unpublished. But we just

34577dd1-d31b-408d-afca-7d8b06a4396e-6

02:14:34.961 --> 02:14:39.602

broke the code and it appears in  
this very severe penetrating TBI

34577dd1-d31b-408d-afca-7d8b06a4396e-7

02:14:39.602 --> 02:14:41.220

model that the exosome.

08c43462-83bc-4022-bae2-ea6c06471758-0

02:14:41.290 --> 02:14:45.155

Seems to preserve this  
particular penumbral region of

08c43462-83bc-4022-bae2-ea6c06471758-1

02:14:45.155 --> 02:14:49.378

the contusion, and you can see

from these different bregma

08c43462-83bc-4022-bae2-ea6c06471758-2

02:14:49.378 --> 02:14:53.816

levels that the more posterior  
aspects of the cerebral cortex

08c43462-83bc-4022-bae2-ea6c06471758-3

02:14:53.816 --> 02:14:58.398

are are are protected with the  
exosome. So we're really excited

08c43462-83bc-4022-bae2-ea6c06471758-4

02:14:58.398 --> 02:15:02.191

about this work in terms of  
maybe a treatment, an IV

08c43462-83bc-4022-bae2-ea6c06471758-5

02:15:02.191 --> 02:15:06.343

treatment, if you will, for  
acute severe or more moderate

08c43462-83bc-4022-bae2-ea6c06471758-6

02:15:06.343 --> 02:15:06.629

TBI.

3ac91fa3-f236-48f2-ad79-a89c5be2d46e-0

02:15:07.320 --> 02:15:10.310

I'll just loop back around about

temperature.

0b40b4a7-c091-49ef-8bb4-adb901fe4611-0

02:15:11.660 --> 02:15:15.438

Some years ago I started  
thinking about athletes and

0b40b4a7-c091-49ef-8bb4-adb901fe4611-1

02:15:15.438 --> 02:15:18.290

soldiers that may be  
experiencing mild.

0d5b4759-c051-407d-9e3d-ae56b7e9941b-0

02:15:19.230 --> 02:15:23.949

Elevations and core temperature  
due to their activities or or

0d5b4759-c051-407d-9e3d-ae56b7e9941b-1

02:15:23.949 --> 02:15:28.669

their clothing or or or or or  
safety materials that they have

0d5b4759-c051-407d-9e3d-ae56b7e9941b-2

02:15:28.669 --> 02:15:33.542

to wear, and so we hypothesize  
that maybe mild hypothermia that

0d5b4759-c051-407d-9e3d-ae56b7e9941b-3

02:15:33.542 --> 02:15:38.185

at a time of concussion would  
actually aggravate the outcome

0d5b4759-c051-407d-9e3d-ae56b7e9941b-4

02:15:38.185 --> 02:15:42.677

of that particular relatively  
mild injury. And you can see

0d5b4759-c051-407d-9e3d-ae56b7e9941b-5

02:15:42.677 --> 02:15:46.940

from this particular slide that  
if a rat had a elevated

0d5b4759-c051-407d-9e3d-ae56b7e9941b-6

02:15:46.940 --> 02:15:48.919

temperature of 39 degrees.

6331f830-bc8e-45e8-a69d-13a98b16d03b-0

02:15:49.300 --> 02:15:53.995

When they had the uh concussion,  
they had severe damage to the

6331f830-bc8e-45e8-a69d-13a98b16d03b-1

02:15:53.995 --> 02:15:58.095

cerebral cortex, whereas an  
animal that had that, that

6331f830-bc8e-45e8-a69d-13a98b16d03b-2

02:15:58.095 --> 02:16:02.716

concussion at normal thermia did  
not. So we now know from the

6331f830-bc8e-45e8-a69d-13a98b16d03b-3

02:16:02.716 --> 02:16:07.189

from the army they're doing  
clinical studies that you know,

6331f830-bc8e-45e8-a69d-13a98b16d03b-4

02:16:07.189 --> 02:16:11.810

many of the soldiers walking  
around with £50 of gear on their

6331f830-bc8e-45e8-a69d-13a98b16d03b-5

02:16:11.810 --> 02:16:16.357

back and in the clothes that  
they're wearing that their core

6331f830-bc8e-45e8-a69d-13a98b16d03b-6

02:16:16.357 --> 02:16:19.190

temperature can can reach 40  
degrees.

d2404b78-dd15-4f1b-9ddc-cb4897e640c4-0

02:16:19.530 --> 02:16:23.038

So we think this might be  
something that we have to

d2404b78-dd15-4f1b-9ddc-cb4897e640c4-1

02:16:23.038 --> 02:16:27.288

consider in terms of elevated  
temperature, even in concussion,

d2404b78-dd15-4f1b-9ddc-cb4897e640c4-2

02:16:27.288 --> 02:16:31.133

certainly in severe TBI, but  
even in concussion having a

d2404b78-dd15-4f1b-9ddc-cb4897e640c4-3

02:16:31.133 --> 02:16:35.046

detrimental effect on outcome,  
we're really interested in

d2404b78-dd15-4f1b-9ddc-cb4897e640c4-4

02:16:35.046 --> 02:16:38.420

protection and repair. But we're  
also very, very.

facd5827-be96-4681-a4b9-5afd7477afff-0

02:16:39.960 --> 02:16:43.920

Uh. Interested in preventing  
injuries? And as Jillian Holtz

facd5827-be96-4681-a4b9-5afd7477afff-1

02:16:43.920 --> 02:16:47.418

is the director of the Kids  
Neuroscience program and



facd5827-be96-4681-a4b9-5afd7477afff-2

02:16:47.418 --> 02:16:50.520

concussion program at the  
University of Miami.

417de40b-4b54-47d9-829f-bec7fe34c356-0

02:16:51.180 --> 02:16:55.560

And she's been doing a lot of  
really outstanding outreach

417de40b-4b54-47d9-829f-bec7fe34c356-1

02:16:55.560 --> 02:16:58.280

programs to teach the young  
people.

82ec5725-f657-4b8e-bf8a-b34d523ab19e-0

02:16:58.970 --> 02:17:02.552

And the kids how to enjoy it out  
there, outdoor outdoor

82ec5725-f657-4b8e-bf8a-b34d523ab19e-1

02:17:02.552 --> 02:17:06.454

activities as safe and healthy  
as possible. They've got this

82ec5725-f657-4b8e-bf8a-b34d523ab19e-2

02:17:06.454 --> 02:17:10.484

great programs walk safe, for  
example in terms of crossing the

82ec5725-f657-4b8e-bf8a-b34d523ab19e-3

02:17:10.484 --> 02:17:14.642

road bike safety and other types  
of strategies using helmets and

82ec5725-f657-4b8e-bf8a-b34d523ab19e-4

02:17:14.642 --> 02:17:18.160

things like that. So we think  
that's making a big, big

82ec5725-f657-4b8e-bf8a-b34d523ab19e-5

02:17:18.160 --> 02:17:21.935

difference. And she's been doing  
this in like 35 high high

82ec5725-f657-4b8e-bf8a-b34d523ab19e-6

02:17:21.935 --> 02:17:26.029

schools in in South Florida and  
going and teaching and reaching

82ec5725-f657-4b8e-bf8a-b34d523ab19e-7

02:17:26.029 --> 02:17:28.780

out and educating these very  
young people.

f9501959-be32-4735-ba71-fcc69ffdba7b-0

02:17:28.900 --> 02:17:29.870

About being safe.

cbc92d99-b6ec-42f0-a312-8448e2917ebf-0

02:17:30.990 --> 02:17:35.113

Clinical translation. Again we  
we're bearing. We've been very

cbc92d99-b6ec-42f0-a312-8448e2917ebf-1

02:17:35.113 --> 02:17:39.369

successful in moving a lot about  
theories of therapies forward.

cbc92d99-b6ec-42f0-a312-8448e2917ebf-2

02:17:39.369 --> 02:17:43.625

This is the new Christine E Lynn  
Rehabilitation Center with the

cbc92d99-b6ec-42f0-a312-8448e2917ebf-3

02:17:43.625 --> 02:17:47.549

Jackson Memorial Hospital and  
University of Miami. This is

cbc92d99-b6ec-42f0-a312-8448e2917ebf-4

02:17:47.549 --> 02:17:51.672

Doctor Barth Green, whose vision  
in 1985 was to start a Miami

cbc92d99-b6ec-42f0-a312-8448e2917ebf-5

02:17:51.672 --> 02:17:55.396

project like a Manhattan

Project, if you will, to bring

cbc92d99-b6ec-42f0-a312-8448e2917ebf-6

02:17:55.396 --> 02:17:59.253

the best scientists together,  
multidisciplinary teams. So

cbc92d99-b6ec-42f0-a312-8448e2917ebf-7

02:17:59.253 --> 02:18:00.850

attack the problem with.

431482c2-c063-4ce1-b1de-64e37bebf754-0

02:18:00.920 --> 02:18:05.168

Final cord injury and we now  
have these beautiful facilities

431482c2-c063-4ce1-b1de-64e37bebf754-1

02:18:05.168 --> 02:18:09.139

where we're combining exercise  
and rehabilitation in our

431482c2-c063-4ce1-b1de-64e37bebf754-2

02:18:09.139 --> 02:18:13.318

subject populations looking at  
autonomic functions, sensory

431482c2-c063-4ce1-b1de-64e37bebf754-3

02:18:13.318 --> 02:18:17.079

function, pain, spasticity,

motor function, bowel and

431482c2-c063-4ce1-b1de-64e37bebf754-4

02:18:17.079 --> 02:18:21.259

bladder control, sexual function

and other outcomes such as

431482c2-c063-4ce1-b1de-64e37bebf754-5

02:18:21.259 --> 02:18:25.647

pressure sores and depression,

which has spinal cord community

431482c2-c063-4ce1-b1de-64e37bebf754-6

02:18:25.647 --> 02:18:29.966

certainly experiences. We have a

outreach program where we're

431482c2-c063-4ce1-b1de-64e37bebf754-7

02:18:29.966 --> 02:18:31.219

contacting people.

4856d353-78bd-493f-8c20-bb790dd48786-0

02:18:31.290 --> 02:18:34.904

The spinal cord injury we have

about 4000 now on a database

4856d353-78bd-493f-8c20-bb790dd48786-1

02:18:34.904 --> 02:18:38.579

where if we have a new study, we

can call them up and see if

4856d353-78bd-493f-8c20-bb790dd48786-2

02:18:38.579 --> 02:18:42.374

they'll volunteer to come in and  
participate in those studies.

4856d353-78bd-493f-8c20-bb790dd48786-3

02:18:42.374 --> 02:18:46.049

And we're so thankful for those  
subjects taking the time and

4856d353-78bd-493f-8c20-bb790dd48786-4

02:18:46.049 --> 02:18:49.723

effort to to help us move our  
clinical trials forward. We're

4856d353-78bd-493f-8c20-bb790dd48786-5

02:18:49.723 --> 02:18:51.290

looking at activity based.

6a98f4e4-2e4d-4682-8a13-88844e434d72-0

02:18:52.850 --> 02:18:56.554

Uh rehabilitation, nutrition,  
pain, spasticity, fertility,

6a98f4e4-2e4d-4682-8a13-88844e434d72-1

02:18:56.554 --> 02:18:59.756

sleep, breathing,

rehabilitation, neuromodulation,

6a98f4e4-2e4d-4682-8a13-88844e434d72-2

02:18:59.756 --> 02:19:03.587

electromagnetic stimulation. So

if you come over to the lens

6a98f4e4-2e4d-4682-8a13-88844e434d72-3

02:19:03.587 --> 02:19:07.354

center, you'll see a lot of

activity. Also during COVID, of

6a98f4e4-2e4d-4682-8a13-88844e434d72-4

02:19:07.354 --> 02:19:11.184

course, these individuals could

could, could, could not come

6a98f4e4-2e4d-4682-8a13-88844e434d72-5

02:19:11.184 --> 02:19:14.763

into the to the facility. So we

developed these outreach

6a98f4e4-2e4d-4682-8a13-88844e434d72-6

02:19:14.763 --> 02:19:18.029

programs remote, you know

programs which they could

6a98f4e4-2e4d-4682-8a13-88844e434d72-7

02:19:18.029 --> 02:19:20.917

actually participate in  
education and and and

6a98f4e4-2e4d-4682-8a13-88844e434d72-8

02:19:20.917 --> 02:19:22.550

rehabilitation strategies.

4b705132-d6e0-4b79-b958-adf97768ef0b-0

02:19:22.860 --> 02:19:26.334

And we're still doing that now.

We really learned from this

4b705132-d6e0-4b79-b958-adf97768ef0b-1

02:19:26.334 --> 02:19:29.577

experience that we could

actually do a lot of different

4b705132-d6e0-4b79-b958-adf97768ef0b-2

02:19:29.577 --> 02:19:32.878

types of educational and

rehabilitation programs outside

4b705132-d6e0-4b79-b958-adf97768ef0b-3

02:19:32.878 --> 02:19:34.500

of our research environment.

241b8569-76e2-46d5-95d4-be8e79166cc2-0

02:19:35.170 --> 02:19:38.867

So finally there are my



neuromodulation where we are

241b8569-76e2-46d5-95d4-be8e79166cc2-1

02:19:38.867 --> 02:19:42.774

electrical or electrically

stimulating nerves or or the

241b8569-76e2-46d5-95d4-be8e79166cc2-2

02:19:42.774 --> 02:19:46.192

brain or spinal cord

magnetically activating the

241b8569-76e2-46d5-95d4-be8e79166cc2-3

02:19:46.192 --> 02:19:50.309

brain and spinal cord motor

training, robotics, deep brain

241b8569-76e2-46d5-95d4-be8e79166cc2-4

02:19:50.309 --> 02:19:54.425

stimulation. I've talked about

brain, computer interface a

241b8569-76e2-46d5-95d4-be8e79166cc2-5

02:19:54.425 --> 02:19:58.332

little bit, transcutaneous

stimulation, electromagnetic

241b8569-76e2-46d5-95d4-be8e79166cc2-6

02:19:58.332 --> 02:20:02.099

stimulation. These are all  
things that we're doing in

241b8569-76e2-46d5-95d4-be8e79166cc2-7

02:20:02.099 --> 02:20:04.959

people and we're really excited  
that we.

02316d0e-cd77-4136-b481-27ec00d7bb48-0

02:20:05.090 --> 02:20:08.930

I think that if we combine this  
neuromodulation with our cell

02316d0e-cd77-4136-b481-27ec00d7bb48-1

02:20:08.930 --> 02:20:12.399

therapies and our drug  
therapies, we're really going to

02316d0e-cd77-4136-b481-27ec00d7bb48-2

02:20:12.399 --> 02:20:15.991

have this multi combination  
approach that we think are is

02316d0e-cd77-4136-b481-27ec00d7bb48-3

02:20:15.991 --> 02:20:20.018

going to be really important in  
terms of maximizing recovery. We

02316d0e-cd77-4136-b481-27ec00d7bb48-4

02:20:20.018 --> 02:20:23.982

just developed a new Institute  
for Neural Engineering because I

02316d0e-cd77-4136-b481-27ec00d7bb48-5

02:20:23.982 --> 02:20:28.070

felt the need to bring engineers  
over to the medical campus. They

02316d0e-cd77-4136-b481-27ec00d7bb48-6

02:20:28.070 --> 02:20:31.849

were in the Coral Gables campus.  
And so we're now doing very

02316d0e-cd77-4136-b481-27ec00d7bb48-7

02:20:31.849 --> 02:20:35.069

successful collaborations  
between our neuroscience.

26113887-7571-4792-8611-7428fad20728-0

02:20:35.140 --> 02:20:39.482

Community, which is very large  
and engineering community which

26113887-7571-4792-8611-7428fad20728-1

02:20:39.482 --> 02:20:43.962

is very large and we think we're  
going to be able to recruit the

26113887-7571-4792-8611-7428fad20728-2

02:20:43.962 --> 02:20:48.305

next generation of faculty and  
students that are interested in

26113887-7571-4792-8611-7428fad20728-3

02:20:48.305 --> 02:20:52.303

neuroengineering targeting human  
disease and neurological

26113887-7571-4792-8611-7428fad20728-4

02:20:52.303 --> 02:20:55.956

disorders. We just announced the  
new BSMS program in

26113887-7571-4792-8611-7428fad20728-5

02:20:55.956 --> 02:21:00.092

Neuroengineering and a lot of  
the biology biology majors or

26113887-7571-4792-8611-7428fad20728-6

02:21:00.092 --> 02:21:03.952

neuroscience majors or  
psychology majors are now coming

26113887-7571-4792-8611-7428fad20728-7

02:21:03.952 --> 02:21:06.019

in to this particular program.

55273861-8c59-43d8-a240-0968956c28bd-0

02:21:06.120 --> 02:21:09.136

Because we now see that the  
importance of these

55273861-8c59-43d8-a240-0968956c28bd-1

02:21:09.136 --> 02:21:13.221

neuromodulation approaches that  
are going to make, I think a big

55273861-8c59-43d8-a240-0968956c28bd-2

02:21:13.221 --> 02:21:17.243

difference in in people's lives,  
brain Q is a group from Israel

55273861-8c59-43d8-a240-0968956c28bd-3

02:21:17.243 --> 02:21:21.077

that we've been working with  
where they have brain, computer

55273861-8c59-43d8-a240-0968956c28bd-4

02:21:21.077 --> 02:21:24.722

based, electromagnetic field  
treatment and chronic spinal

55273861-8c59-43d8-a240-0968956c28bd-5

02:21:24.722 --> 02:21:28.618

cord injury. And we think that  
the combination of these types

55273861-8c59-43d8-a240-0968956c28bd-6

02:21:28.618 --> 02:21:31.383

of strategies plus cell  
therapies and other

55273861-8c59-43d8-a240-0968956c28bd-7

02:21:31.383 --> 02:21:34.840

rehabilitation approaches might  
make a big difference.

2faad541-fd50-4b27-bbcd-a94d7c457821-0

02:21:35.600 --> 02:21:39.332

This is the uh brain computer  
interface for a restoration of a

2faad541-fd50-4b27-bbcd-a94d7c457821-1

02:21:39.332 --> 02:21:43.123

motor function and spinal cord  
injury. This is the patient one,

2faad541-fd50-4b27-bbcd-a94d7c457821-2

02:21:43.123 --> 02:21:46.559

one subject that we did and you  
put a strip on top of the

2faad541-fd50-4b27-bbcd-a94d7c457821-3

02:21:46.559 --> 02:21:49.995

cerebral cortex. We're not

putting wires or anything into

2faad541-fd50-4b27-bbcd-a94d7c457821-4

02:21:49.995 --> 02:21:53.490

the brain. It's on the surface

and with different types of

2faad541-fd50-4b27-bbcd-a94d7c457821-5

02:21:53.490 --> 02:21:55.090

strategies, we can pick up.

83d35cf3-1dbd-49ef-bee2-9efec3569591-0

02:21:55.900 --> 02:21:59.976

The uh, the uh, the electrical

activity of what's happening in

83d35cf3-1dbd-49ef-bee2-9efec3569591-1

02:21:59.976 --> 02:22:03.793

the in the neuron, neuronal

circuit and transfer that down

83d35cf3-1dbd-49ef-bee2-9efec3569591-2

02:22:03.793 --> 02:22:07.805

to the arm where you allow this

individual. Now for the first

83d35cf3-1dbd-49ef-bee2-9efec3569591-3

02:22:07.805 --> 02:22:11.881

time to to pick up a cup or a

spoon or something like that. So

83d35cf3-1dbd-49ef-bee2-9efec3569591-4

02:22:11.881 --> 02:22:16.022

huge quality of life issue. This  
individual could actually on a

83d35cf3-1dbd-49ef-bee2-9efec3569591-5

02:22:16.022 --> 02:22:19.775

local map that's a robotic  
walking machine could slow the

83d35cf3-1dbd-49ef-bee2-9efec3569591-6

02:22:19.775 --> 02:22:23.916

slow it down or speed it up and  
a couple of weeks ago he was in

83d35cf3-1dbd-49ef-bee2-9efec3569591-7

02:22:23.916 --> 02:22:26.309

Colorado and he drove a NASCAR  
race.

89c10521-2219-4712-88ab-5160673b9308-0

02:22:26.380 --> 02:22:30.379

Or just by thinking about moving  
left and right and turning the

89c10521-2219-4712-88ab-5160673b9308-1

02:22:30.379 --> 02:22:33.941



steering wheel so this prototype  
type. This type type of

89c10521-2219-4712-88ab-5160673b9308-2

02:22:33.941 --> 02:22:37.941

technology is extremely exciting  
and it just opens the door for

89c10521-2219-4712-88ab-5160673b9308-3

02:22:37.941 --> 02:22:41.753

many types of individuals living  
with disabilities and using

89c10521-2219-4712-88ab-5160673b9308-4

02:22:41.753 --> 02:22:45.190

these types of engineering  
approaches to improve their

89c10521-2219-4712-88ab-5160673b9308-5

02:22:45.190 --> 02:22:46.190

quality of life.

10c0109d-c926-4de2-964b-16e13af10dd0-0

02:22:47.070 --> 02:22:50.484

This is a study we just  
finished. It's a 14 center

10c0109d-c926-4de2-964b-16e13af10dd0-1

02:22:50.484 --> 02:22:54.634

research study looking at non  
invasive electrical stimulation

10c0109d-c926-4de2-964b-16e13af10dd0-2

02:22:54.634 --> 02:22:58.450

of the cervical spinal cord.

You've probably heard about

10c0109d-c926-4de2-964b-16e13af10dd0-3

02:22:58.450 --> 02:23:02.534

epidural stimulation where we

isolate the spinal cord and we

10c0109d-c926-4de2-964b-16e13af10dd0-4

02:23:02.534 --> 02:23:06.550

put electrodes on top of the

cord. Now with this particular

10c0109d-c926-4de2-964b-16e13af10dd0-5

02:23:06.550 --> 02:23:10.968

company, we've developed ways in

which we can actually target the

10c0109d-c926-4de2-964b-16e13af10dd0-6

02:23:10.968 --> 02:23:15.052

intra spinal circuitry by just

stimulating through the skin.

10c0109d-c926-4de2-964b-16e13af10dd0-7

02:23:15.052 --> 02:23:16.859

And this is really amazing.

a4574ea0-65f8-4b80-a1dd-83ee53d26d28-0

02:23:16.940 --> 02:23:21.066

A process because it appears  
that this is enough with upper

a4574ea0-65f8-4b80-a1dd-83ee53d26d28-1

02:23:21.066 --> 02:23:25.124

extremity rehabilitation to  
allow these patients to regain

a4574ea0-65f8-4b80-a1dd-83ee53d26d28-2

02:23:25.124 --> 02:23:29.595

significant function in hand in  
hand motion. And we've seen this

a4574ea0-65f8-4b80-a1dd-83ee53d26d28-3

02:23:29.595 --> 02:23:33.791

in several patients that have  
been paralyzed for a number of

a4574ea0-65f8-4b80-a1dd-83ee53d26d28-4

02:23:33.791 --> 02:23:37.574

years. So again it's real and  
it's a very exciting new

a4574ea0-65f8-4b80-a1dd-83ee53d26d28-5

02:23:37.574 --> 02:23:41.907

technology that we're going to  
use more and more in our in our

a4574ea0-65f8-4b80-a1dd-83ee53d26d28-6

02:23:41.907 --> 02:23:42.320

field.

be0a2158-d799-4816-98a2-0cfa6e27415d-0

02:23:43.030 --> 02:23:47.304

And finally, we're just starting  
with another company on vagal

be0a2158-d799-4816-98a2-0cfa6e27415d-1

02:23:47.304 --> 02:23:50.900

nerve stimulation. The vagus  
nerve controls a lot of

be0a2158-d799-4816-98a2-0cfa6e27415d-2

02:23:50.900 --> 02:23:55.175

autonomic programs, pathways,  
heart rate, breathing and things

be0a2158-d799-4816-98a2-0cfa6e27415d-3

02:23:55.175 --> 02:23:59.382

of this nature also has been  
shown in a previous stroke study

be0a2158-d799-4816-98a2-0cfa6e27415d-4

02:23:59.382 --> 02:24:03.385

to improve upper extremity  
function in stroke patients. So

be0a2158-d799-4816-98a2-0cfa6e27415d-5

02:24:03.385 --> 02:24:07.456

it's a relatively noninvasive  
surgery. You put a cup around

be0a2158-d799-4816-98a2-0cfa6e27415d-6

02:24:07.456 --> 02:24:11.324

the vagus nerve and then with  
the new technology, we can

be0a2158-d799-4816-98a2-0cfa6e27415d-7

02:24:11.324 --> 02:24:13.360

stimulate this nerve during a.

1a4c9e0e-57f5-4410-81c5-32a8c91b6684-0

02:24:13.490 --> 02:24:16.668

The rehabilitation procedure,  
and we're gonna ask the

1a4c9e0e-57f5-4410-81c5-32a8c91b6684-1

02:24:16.668 --> 02:24:20.436

question, does this also improve  
outcome in stroke patients and

1a4c9e0e-57f5-4410-81c5-32a8c91b6684-2

02:24:20.436 --> 02:24:22.320

and spinal cord injury patients?

f4210393-4350-4f2d-ab55-7c8fe9857db5-0

02:24:22.960 --> 02:24:27.000

And then finally, everything

that we've learned so far in

f4210393-4350-4f2d-ab55-7c8fe9857db5-1

02:24:27.000 --> 02:24:31.319

spinal cord injury and acute

brain injuries, we're now moving

f4210393-4350-4f2d-ab55-7c8fe9857db5-2

02:24:31.319 --> 02:24:35.499

some of that information to

neurodegenerative diseases such

f4210393-4350-4f2d-ab55-7c8fe9857db5-3

02:24:35.499 --> 02:24:39.887

as Ms Parkinson's disease and

Alzheimer's disease. We just got

f4210393-4350-4f2d-ab55-7c8fe9857db5-4

02:24:39.887 --> 02:24:43.510

an NIH grant to look at

Inflammasome activation and

f4210393-4350-4f2d-ab55-7c8fe9857db5-5

02:24:43.510 --> 02:24:47.341

traumatic brain injury and  
Alzheimer's disease, as you

f4210393-4350-4f2d-ab55-7c8fe9857db5-6

02:24:47.341 --> 02:24:47.690

know.

495fea99-f271-4276-8a6e-177d028ca239-0

02:24:48.600 --> 02:24:52.195

Traumatic brain injury and  
Alzheimer's disease represent

495fea99-f271-4276-8a6e-177d028ca239-1

02:24:52.195 --> 02:24:56.106

two of the largest sources of  
death and disability in the US,

495fea99-f271-4276-8a6e-177d028ca239-2

02:24:56.106 --> 02:25:00.017

and studies have identified TB  
as a potential risk factor for

495fea99-f271-4276-8a6e-177d028ca239-3

02:25:00.017 --> 02:25:03.801

AD development. So we're now  
looking at an inflammation and

495fea99-f271-4276-8a6e-177d028ca239-4

02:25:03.801 --> 02:25:07.397

the cell signaling cascades that  
could be common to both

495fea99-f271-4276-8a6e-177d028ca239-5

02:25:07.397 --> 02:25:11.119

traumatic brain injury and  
neurodegenerative diseases such

495fea99-f271-4276-8a6e-177d028ca239-6

02:25:11.119 --> 02:25:15.029

as Alzheimer's disease. So I  
think this is going to be a very

495fea99-f271-4276-8a6e-177d028ca239-7

02:25:15.029 --> 02:25:18.310

active and interesting area of  
future research and.

78dcd008-c548-40d8-8eb4-7b7210aa9209-0

02:25:18.540 --> 02:25:24.481

Utilizing a finally and usually  
utilizing our very large human

78dcd008-c548-40d8-8eb4-7b7210aa9209-1

02:25:24.481 --> 02:25:29.952

repository of Alzheimer's  
brains, we've now shown that we



78dcd008-c548-40d8-8eb4-7b7210aa9209-2

02:25:29.952 --> 02:25:35.705

can identify an antibody or  
immuno cyto immunostaining of of

78dcd008-c548-40d8-8eb4-7b7210aa9209-3

02:25:35.705 --> 02:25:40.798

neurons that we know are  
destined to die in a patient

78dcd008-c548-40d8-8eb4-7b7210aa9209-4

02:25:40.798 --> 02:25:41.930

living with.

2bc221a5-6f9c-491a-9673-ac93c9a38f50-0

02:25:43.470 --> 02:25:48.113

Alzheimer's early um, early  
cognitive decline. So we think

2bc221a5-6f9c-491a-9673-ac93c9a38f50-1

02:25:48.113 --> 02:25:52.756

that we can actually move this  
to the pet imaging paradigm

2bc221a5-6f9c-491a-9673-ac93c9a38f50-2

02:25:52.756 --> 02:25:57.400

where we develop radio ligand  
that's specifically for this

2bc221a5-6f9c-491a-9673-ac93c9a38f50-3

02:25:57.400 --> 02:26:01.964

antibody and maybe early  
diagnostic approaches using this

2bc221a5-6f9c-491a-9673-ac93c9a38f50-4

02:26:01.964 --> 02:26:06.765

type of a pet imaging could  
allow us to identify patients at

2bc221a5-6f9c-491a-9673-ac93c9a38f50-5

02:26:06.765 --> 02:26:11.251

risk for late occurring  
Alzheimer's disease and we could

2bc221a5-6f9c-491a-9673-ac93c9a38f50-6

02:26:11.251 --> 02:26:13.769

start therapeutic interventions.

de5410d9-a966-4b7c-8074-9c4c66f5dcf4-0

02:26:13.840 --> 02:26:17.092

Faster. So in summary, the  
projects taking a holistic

de5410d9-a966-4b7c-8074-9c4c66f5dcf4-1

02:26:17.092 --> 02:26:21.008

approach to targeting different  
phases of injury and I've talked

de5410d9-a966-4b7c-8074-9c4c66f5dcf4-2

02:26:21.008 --> 02:26:24.261

about all of these and and  
emphasizes the new area of

de5410d9-a966-4b7c-8074-9c4c66f5dcf4-3

02:26:24.261 --> 02:26:27.092

neuroengineering and  
bioengineering strategies

de5410d9-a966-4b7c-8074-9c4c66f5dcf4-4

02:26:27.092 --> 02:26:30.707

combined with our biological  
approaches. We're working with

de5410d9-a966-4b7c-8074-9c4c66f5dcf4-5

02:26:30.707 --> 02:26:34.382

many, many global companies,  
which is really exciting. These

de5410d9-a966-4b7c-8074-9c4c66f5dcf4-6

02:26:34.382 --> 02:26:38.177

companies are spending millions  
and millions of dollars of new

de5410d9-a966-4b7c-8074-9c4c66f5dcf4-7

02:26:38.177 --> 02:26:41.610

technologies that are allowing  
us to to move our studies

de5410d9-a966-4b7c-8074-9c4c66f5dcf4-8

02:26:41.610 --> 02:26:43.900

forward. We thank everyone for  
their.

3b3a9a46-de95-4fe1-a4f9-c6b333e93963-0

02:26:43.970 --> 02:26:47.758

Funding the state of Florida  
course, the Department of

3b3a9a46-de95-4fe1-a4f9-c6b333e93963-1

02:26:47.758 --> 02:26:51.823

Transportation in the State of  
Florida for helping us move

3b3a9a46-de95-4fe1-a4f9-c6b333e93963-2

02:26:51.823 --> 02:26:55.818

these studies forward as well.  
We have a really fantastic

3b3a9a46-de95-4fe1-a4f9-c6b333e93963-3

02:26:55.818 --> 02:27:00.090

faculty in the Miami project,  
MD, PHD's MD PHD's, and we work

3b3a9a46-de95-4fe1-a4f9-c6b333e93963-4

02:27:00.090 --> 02:27:03.534

again with many of the

departments throughout the

3b3a9a46-de95-4fe1-a4f9-c6b333e93963-5

02:27:03.534 --> 02:27:07.943

medical school. So in summary,  
there's a very exciting times in

3b3a9a46-de95-4fe1-a4f9-c6b333e93963-6

02:27:07.943 --> 02:27:11.112

terms of the understanding  
better the path of

3b3a9a46-de95-4fe1-a4f9-c6b333e93963-7

02:27:11.112 --> 02:27:14.350

pathophysiology, brain and  
spinal cord injury.

857e4354-2df6-450d-8177-8bc05116884d-0

02:27:14.460 --> 02:27:18.076

And we're identifying novel  
therapeutic targets to make a

857e4354-2df6-450d-8177-8bc05116884d-1

02:27:18.076 --> 02:27:21.505

difference. Uh. Increased  
collaborations with academic

857e4354-2df6-450d-8177-8bc05116884d-2

02:27:21.505 --> 02:27:25.433

colleagues and industry partners  
are allowing us to ask better

857e4354-2df6-450d-8177-8bc05116884d-3

02:27:25.433 --> 02:27:29.361

scientific questions. And we're  
incorporating innovative tools

857e4354-2df6-450d-8177-8bc05116884d-4

02:27:29.361 --> 02:27:32.978

and technologies to improve  
outcomes. This integration of

857e4354-2df6-450d-8177-8bc05116884d-5

02:27:32.978 --> 02:27:36.282

biological and engineering  
approaches is also a very

857e4354-2df6-450d-8177-8bc05116884d-6

02:27:36.282 --> 02:27:39.774

exciting to me and novel, a  
novel drug novel drug, drug

857e4354-2df6-450d-8177-8bc05116884d-7

02:27:39.774 --> 02:27:43.078

platform, Discovery, Discovery  
platform and clinical

857e4354-2df6-450d-8177-8bc05116884d-8

02:27:43.078 --> 02:27:44.700

translation are producing.

81764137-f78e-4c33-aea9-24df3ffaae8a-0

02:27:44.770 --> 02:27:47.770

Really, new opportunities for  
common combination therapies.

327134bd-4d17-4225-b2f7-3ba21f2dc1a6-0

02:27:48.410 --> 02:27:51.873

A lessons learned from our cute  
studies or allowing a

327134bd-4d17-4225-b2f7-3ba21f2dc1a6-1

02:27:51.873 --> 02:27:55.529

translation of this knowledge  
gain for targeting several

327134bd-4d17-4225-b2f7-3ba21f2dc1a6-2

02:27:55.529 --> 02:27:59.378

neurodegenerative diseases and  
never have we more been more

327134bd-4d17-4225-b2f7-3ba21f2dc1a6-3

02:27:59.378 --> 02:28:03.483

confident that our progress in  
the fields of injury prevention,

327134bd-4d17-4225-b2f7-3ba21f2dc1a6-4

02:28:03.483 --> 02:28:07.524

protection and repair and making  
a real difference in patients

327134bd-4d17-4225-b2f7-3ba21f2dc1a6-5

02:28:07.524 --> 02:28:11.116

life. And we obviously thank  
everyone for the continued

327134bd-4d17-4225-b2f7-3ba21f2dc1a6-6

02:28:11.116 --> 02:28:14.964

support and interest in our  
studies which is very important

327134bd-4d17-4225-b2f7-3ba21f2dc1a6-7

02:28:14.964 --> 02:28:18.300

in terms of our success. So I  
hope this very quick.

60e34327-ce60-4b06-bf9c-b8821550e68a-0

02:28:18.370 --> 02:28:21.816

A review of what we've been  
doing in the Miami project over

60e34327-ce60-4b06-bf9c-b8821550e68a-1

02:28:21.816 --> 02:28:24.918

the last several years is  
informative. We all excited



60e34327-ce60-4b06-bf9c-b8821550e68a-2

02:28:24.918 --> 02:28:28.480

about what we're doing. We're  
all excited about working with.

b20e6237-341c-41ad-972f-72dc503e30a5-0

02:28:29.370 --> 02:28:33.160

Groups and universities  
throughout South Florida, the

b20e6237-341c-41ad-972f-72dc503e30a5-1

02:28:33.160 --> 02:28:37.231

Florida we working in with  
groups, and FSU, University of

b20e6237-341c-41ad-972f-72dc503e30a5-2

02:28:37.231 --> 02:28:41.723

Florida and other other groups  
and the funding and support from

b20e6237-341c-41ad-972f-72dc503e30a5-3

02:28:41.723 --> 02:28:45.443

the state of Florida is  
extremely important. So with

b20e6237-341c-41ad-972f-72dc503e30a5-4

02:28:45.443 --> 02:28:49.655

that, thank you very much for  
this opportunity and if there

b20e6237-341c-41ad-972f-72dc503e30a5-5

02:28:49.655 --> 02:28:53.726

are any questions that I can  
address, please let me know.

b20e6237-341c-41ad-972f-72dc503e30a5-6

02:28:53.726 --> 02:28:55.130

Thank you very much.

715af3cb-cc12-42f8-b700-8947dce092a4-0

02:28:56.580 --> 02:29:00.165

We have a couple of questions.

Natalie, um, you had, um, a

715af3cb-cc12-42f8-b700-8947dce092a4-1

02:29:00.165 --> 02:29:02.840

question, and doctor Higdon has  
a question.

23795141-129f-464b-9392-8d928b1f1f57-0

02:29:03.650 --> 02:29:04.130

Natalie.

a011731f-b777-4017-8cff-69bdc6ab9d25-0

02:29:04.780 --> 02:29:07.093

So so I actually have a few  
questions. I was waiting

a011731f-b777-4017-8cff-69bdc6ab9d25-1

02:29:07.093 --> 02:29:09.800

patiently until, you know, just  
writing my things down as you

a011731f-b777-4017-8cff-69bdc6ab9d25-2

02:29:09.800 --> 02:29:10.630

were going through.

20126541-4222-4d52-a939-d95cbced550c-0

02:29:12.140 --> 02:29:16.384

So part of my question has to  
deal with post injury when you

20126541-4222-4d52-a939-d95cbced550c-1

02:29:16.384 --> 02:29:20.559

have spinal cord injuries that  
that have been, you know I I

20126541-4222-4d52-a939-d95cbced550c-2

02:29:20.559 --> 02:29:24.595

know all the research seems to  
go a lot toward new spinal

20126541-4222-4d52-a939-d95cbced550c-3

02:29:24.595 --> 02:29:28.631

injuries. But as far As for  
quality of life of people who

20126541-4222-4d52-a939-d95cbced550c-4

02:29:28.631 --> 02:29:32.945

have older spinal injuries, I  
could hear you say a few things

20126541-4222-4d52-a939-d95cbced550c-5

02:29:32.945 --> 02:29:37.120

as far as some of the things  
that might be helpful. Are you

20126541-4222-4d52-a939-d95cbced550c-6

02:29:37.120 --> 02:29:41.295

guys working specifically on  
anything that deals with them?

20126541-4222-4d52-a939-d95cbced550c-7

02:29:41.295 --> 02:29:42.199

What is that?

1de340f2-ed63-49ef-a9ef-406a22cf04b7-0

02:29:42.270 --> 02:29:46.696

Well, the the CPF that when the  
the Durometer breaks open and

1de340f2-ed63-49ef-a9ef-406a22cf04b7-1

02:29:46.696 --> 02:29:50.837

they start to get the leakage  
and sometimes it can go up,

1de340f2-ed63-49ef-a9ef-406a22cf04b7-2

02:29:50.837 --> 02:29:55.121

sometimes it can go down if it  
happens to go up, it creates

1de340f2-ed63-49ef-a9ef-406a22cf04b7-3

02:29:55.121 --> 02:29:59.476

more spinal damage and people  
end up becoming more paralyzed

1de340f2-ed63-49ef-a9ef-406a22cf04b7-4

02:29:59.476 --> 02:30:01.689

overtime or anything with them.

57236c00-76cd-47fa-ab7f-690627f325fc-0

02:30:02.460 --> 02:30:03.950

What is it called? Uh.

73f0676c-bbed-4f2d-8432-53680eb2f222-0

02:30:04.980 --> 02:30:08.406

Basically, where you have the  
cyst inside of the spinal

73f0676c-bbed-4f2d-8432-53680eb2f222-1

02:30:08.406 --> 02:30:12.262

column, that also puts pressure  
and creates where somebody has

73f0676c-bbed-4f2d-8432-53680eb2f222-2

02:30:12.262 --> 02:30:15.994

more deficiencies as far as with  
their paralysis. I know the

73f0676c-bbed-4f2d-8432-53680eb2f222-3

02:30:15.994 --> 02:30:19.666

inflammatory stuff that you're  
talking about, I would think

73f0676c-bbed-4f2d-8432-53680eb2f222-4

02:30:19.666 --> 02:30:23.644

might be helpful with, with with  
the the cyst part. But is there

73f0676c-bbed-4f2d-8432-53680eb2f222-5

02:30:23.644 --> 02:30:27.621

anything that you guys are doing  
with with those two things that

73f0676c-bbed-4f2d-8432-53680eb2f222-6

02:30:27.621 --> 02:30:29.580

that would be my first question.

e7fc9633-779e-4a84-8cfb-4ff16dd54159-0

02:30:30.300 --> 02:30:34.169

OK, so I think the majority of  
my talk was is all chronic

e7fc9633-779e-4a84-8cfb-4ff16dd54159-1

02:30:34.169 --> 02:30:38.238

spinal cord injury patients. We  
talked about neuroprotection

e7fc9633-779e-4a84-8cfb-4ff16dd54159-2

02:30:38.238 --> 02:30:42.307

during the very early period,  
but everything else that we're

e7fc9633-779e-4a84-8cfb-4ff16dd54159-3

02:30:42.307 --> 02:30:45.443

doing in terms of the drug  
discovery, the, the

e7fc9633-779e-4a84-8cfb-4ff16dd54159-4

02:30:45.443 --> 02:30:48.645

neuromodulation, the  
rehabilitation, that's all

e7fc9633-779e-4a84-8cfb-4ff16dd54159-5

02:30:48.645 --> 02:30:52.648

people that have had spinal  
cords, chronic spinal cords was

e7fc9633-779e-4a84-8cfb-4ff16dd54159-6

02:30:52.648 --> 02:30:56.917

one year and above. So we've got  
individuals in the in the lens

e7fc9633-779e-4a84-8cfb-4ff16dd54159-7

02:30:56.917 --> 02:31:00.520

center, you know, a couple of  
months out or you know.

186232eb-d79b-4257-b0cc-4bd0ff11e036-0

02:31:00.600 --> 02:31:05.116

86 years out, so a lot. Most of  
our work is trying to enhance

186232eb-d79b-4257-b0cc-4bd0ff11e036-1

02:31:05.116 --> 02:31:09.269

recovery function in the  
chronically injured spinal cord

186232eb-d79b-4257-b0cc-4bd0ff11e036-2

02:31:09.269 --> 02:31:13.713

population, so I'm sorry I was  
not clear on that in terms of

186232eb-d79b-4257-b0cc-4bd0ff11e036-3

02:31:13.713 --> 02:31:18.084

what happens in the the the  
chronic state, one of the major

186232eb-d79b-4257-b0cc-4bd0ff11e036-4

02:31:18.084 --> 02:31:22.820

problems is that many of spinal  
cord patients have had surgeries



186232eb-d79b-4257-b0cc-4bd0ff11e036-5

02:31:22.820 --> 02:31:27.337

and therefore when they they  
tried to fix the core and things

186232eb-d79b-4257-b0cc-4bd0ff11e036-6

02:31:27.337 --> 02:31:30.980

like that, they start to get  
these and adhesions.

1133599f-c24f-40a7-a111-68ae9a58232b-0

02:31:31.050 --> 02:31:34.980

Of a scar tissue and that can  
actually cause a cyst to form.

1133599f-c24f-40a7-a111-68ae9a58232b-1

02:31:34.980 --> 02:31:39.233

It can really be painful. It can  
really. And that's what a lot of

1133599f-c24f-40a7-a111-68ae9a58232b-2

02:31:39.233 --> 02:31:42.648

people come in, is. And so you  
have to again open up

1133599f-c24f-40a7-a111-68ae9a58232b-3

02:31:42.648 --> 02:31:46.514

Laminectomy you clean the the

the site out and you actually

1133599f-c24f-40a7-a111-68ae9a58232b-4

02:31:46.514 --> 02:31:50.509

put different types of layers of  
coding on the spinal cord to

1133599f-c24f-40a7-a111-68ae9a58232b-5

02:31:50.509 --> 02:31:54.633

keep that from happening again.

Cyst, what you do with cyst, of

1133599f-c24f-40a7-a111-68ae9a58232b-6

02:31:54.633 --> 02:31:57.983

course, is many times it's a  
invasive approach. The

1133599f-c24f-40a7-a111-68ae9a58232b-7

02:31:57.983 --> 02:32:01.978

neurosurgeon goes in and takes  
the cyst out or things of this

1133599f-c24f-40a7-a111-68ae9a58232b-8

02:32:01.978 --> 02:32:02.430

nature.

f66de453-d062-4e5f-9a6d-4a3c5cb902de-0

02:32:02.510 --> 02:32:06.198

So it's a surgical procedure in

most of those cases, but it

f66de453-d062-4e5f-9a6d-4a3c5cb902de-1

02:32:06.198 --> 02:32:10.133

happens quite a lot because many  
people with spinal cord injury

f66de453-d062-4e5f-9a6d-4a3c5cb902de-2

02:32:10.133 --> 02:32:13.329

have undergone a number of  
surgical procedures that

f66de453-d062-4e5f-9a6d-4a3c5cb902de-3

02:32:13.329 --> 02:32:17.141

therefore have to be have to be  
dealt with. And most of those

f66de453-d062-4e5f-9a6d-4a3c5cb902de-4

02:32:17.141 --> 02:32:20.953

times it's most of the time it's  
actually due to a it's it's,

f66de453-d062-4e5f-9a6d-4a3c5cb902de-5

02:32:20.953 --> 02:32:24.088

it's the, the, the the the  
treatment is actually a

f66de453-d062-4e5f-9a6d-4a3c5cb902de-6

02:32:24.088 --> 02:32:28.022

neurosurgical procedure. I sit  
in a department of neurosurgery.

f66de453-d062-4e5f-9a6d-4a3c5cb902de-7

02:32:28.022 --> 02:32:31.896

So they're doing those types of  
studies all the time. I hope I

f66de453-d062-4e5f-9a6d-4a3c5cb902de-8

02:32:31.896 --> 02:32:33.309

answered your question.

97c985dd-9fac-4e90-83b1-4bbc2ea007fe-0

02:32:33.690 --> 02:32:37.041

Well, it and I'm thinking more  
along the lines when you're

97c985dd-9fac-4e90-83b1-4bbc2ea007fe-1

02:32:37.041 --> 02:32:40.676

talking about the cyst. I know  
that there is also that there is

97c985dd-9fac-4e90-83b1-4bbc2ea007fe-2

02:32:40.676 --> 02:32:44.368

the surgical thing that you can  
do. But I also know that there's

97c985dd-9fac-4e90-83b1-4bbc2ea007fe-3

02:32:44.368 --> 02:32:47.890

a big risk to to going in there  
and taking any of these cysts

97c985dd-9fac-4e90-83b1-4bbc2ea007fe-4

02:32:47.890 --> 02:32:51.014

out from any of these  
individuals because it could end

97c985dd-9fac-4e90-83b1-4bbc2ea007fe-5

02:32:51.014 --> 02:32:54.139

up where the person will end up  
with more spinal, more

97c985dd-9fac-4e90-83b1-4bbc2ea007fe-6

02:32:54.139 --> 02:32:57.433

paralysis, more sensory and  
physical. Umm, you know, and.

97c985dd-9fac-4e90-83b1-4bbc2ea007fe-7

02:32:57.433 --> 02:33:00.841

And so when you were talking  
about some of these drugs that

97c985dd-9fac-4e90-83b1-4bbc2ea007fe-8

02:33:00.841 --> 02:33:04.250

might, are you like looking at  
anything that would be less?

26d28f87-3361-454d-8769-980c58266355-0

02:33:04.330 --> 02:33:08.604

Invasive to try to help you know  
like you know with with things

26d28f87-3361-454d-8769-980c58266355-1

02:33:08.604 --> 02:33:09.940

like cyst and stuff.

29968055-355c-4624-9798-345f7664dfe8-0

02:33:13.580 --> 02:33:18.012

Well, again, if it if it's  
assist it's probably going to

29968055-355c-4624-9798-345f7664dfe8-1

02:33:18.012 --> 02:33:22.211

have to, we have to decide  
exactly what, why the cyst

29968055-355c-4624-9798-345f7664dfe8-2

02:33:22.211 --> 02:33:26.955

formed and and then that would  
make a difference in terms of

29968055-355c-4624-9798-345f7664dfe8-3

02:33:26.955 --> 02:33:31.621

what the treatment is. Yes,  
anytime you go in and start you

29968055-355c-4624-9798-345f7664dfe8-4

02:33:31.621 --> 02:33:32.010

know.

3fbc5a3f-e593-40e1-bef7-737211c738ad-0

02:33:32.780 --> 02:33:37.394

Ruling with the spinal cord, you  
may have an issue in terms of

3fbc5a3f-e593-40e1-bef7-737211c738ad-1

02:33:37.394 --> 02:33:40.910

worsening the the the status of  
the individual.

683f06a8-29a0-45d2-92e9-0c2d27e0df2e-0

02:33:42.380 --> 02:33:46.291

The surgeons obviously not just  
in Miami, but everywhere have

683f06a8-29a0-45d2-92e9-0c2d27e0df2e-1

02:33:46.291 --> 02:33:50.012

intraoperative readings in terms  
of how the sensory evoked

683f06a8-29a0-45d2-92e9-0c2d27e0df2e-2

02:33:50.012 --> 02:33:54.113

potentials are doing during the  
surgery to make sure they're not

683f06a8-29a0-45d2-92e9-0c2d27e0df2e-3

02:33:54.113 --> 02:33:57.897

maximizing that ensure they're  
maximizing safety and making

683f06a8-29a0-45d2-92e9-0c2d27e0df2e-4

02:33:57.897 --> 02:34:01.619

sure they're not compromising  
the vasculature or things of

683f06a8-29a0-45d2-92e9-0c2d27e0df2e-5

02:34:01.619 --> 02:34:05.215

that nature. That can really be  
have a harmful effect on

683f06a8-29a0-45d2-92e9-0c2d27e0df2e-6

02:34:05.215 --> 02:34:05.720

outcome.

09a3b497-d08f-4658-b475-a01c424dc59b-0

02:34:07.020 --> 02:34:10.840

And then my other question is, I  
know that I know that a lot of

09a3b497-d08f-4658-b475-a01c424dc59b-1

02:34:10.840 --> 02:34:14.004

this is going down on down in  
Miami, but what is the

09a3b497-d08f-4658-b475-a01c424dc59b-2



02:34:14.004 --> 02:34:17.406

availability of some of these  
treatments going to be for

09a3b497-d08f-4658-b475-a01c424dc59b-3

02:34:17.406 --> 02:34:20.928

people with TBI or people with  
spinal cord injuries and in

09a3b497-d08f-4658-b475-a01c424dc59b-4

02:34:20.928 --> 02:34:24.390

places other than just having to  
go down to Miami and and

09a3b497-d08f-4658-b475-a01c424dc59b-5

02:34:24.390 --> 02:34:28.031

moreover, when they do go and  
and and this is just an issue,

09a3b497-d08f-4658-b475-a01c424dc59b-6

02:34:28.031 --> 02:34:31.673

personally I have with a lot of  
therapies and stuff that are

09a3b497-d08f-4658-b475-a01c424dc59b-7

02:34:31.673 --> 02:34:32.270

available.

b096c0af-9212-4ce4-b64c-53ce04aacc76-0

02:34:33.030 --> 02:34:36.690

If you work 40 hours a week,  
none of these places are open on

b096c0af-9212-4ce4-b64c-53ce04aacc76-1

02:34:36.690 --> 02:34:40.350

the weekends in the evenings, so  
if you wanna do any of these

b096c0af-9212-4ce4-b64c-53ce04aacc76-2

02:34:40.350 --> 02:34:43.715

therapies, you're literally  
told, you know, Oh well, you

b096c0af-9212-4ce4-b64c-53ce04aacc76-3

02:34:43.715 --> 02:34:47.317

have to take large amounts of  
time off from work in order to

b096c0af-9212-4ce4-b64c-53ce04aacc76-4

02:34:47.317 --> 02:34:50.682

do that. And that might not be  
an option for some people

b096c0af-9212-4ce4-b64c-53ce04aacc76-5

02:34:50.682 --> 02:34:53.988

financially. And so, I mean,  
even if their insurance is

b096c0af-9212-4ce4-b64c-53ce04aacc76-6

02:34:53.988 --> 02:34:57.353

willing to pay for these  
therapies, but but just kind of

b096c0af-9212-4ce4-b64c-53ce04aacc76-7

02:34:57.353 --> 02:35:01.013

what what is the timeline and  
availability for, you know, for

b096c0af-9212-4ce4-b64c-53ce04aacc76-8

02:35:01.013 --> 02:35:03.079

for some of these, you know,  
drug.

ae5714a1-c908-4637-9b92-8f7d82b92da5-0

02:35:03.260 --> 02:35:06.505

You know, medicines and  
whatever, and you know the that

ae5714a1-c908-4637-9b92-8f7d82b92da5-1

02:35:06.505 --> 02:35:10.040

that may be able to help with  
these issues. So many, many of

ae5714a1-c908-4637-9b92-8f7d82b92da5-2

02:35:10.040 --> 02:35:13.576

the trials that I've just talked  
about today are multicenter

ae5714a1-c908-4637-9b92-8f7d82b92da5-3

02:35:13.576 --> 02:35:17.111

trials. So that means you've got  
groups all over the country

ae5714a1-c908-4637-9b92-8f7d82b92da5-4

02:35:17.111 --> 02:35:20.415

being involved in trying to  
figure this major this major

ae5714a1-c908-4637-9b92-8f7d82b92da5-5

02:35:20.415 --> 02:35:23.950

issue out. So it's not just  
Miami, Miami might be one of the

ae5714a1-c908-4637-9b92-8f7d82b92da5-6

02:35:23.950 --> 02:35:27.486

largest programs in the in the  
country targeting Neurotrauma

ae5714a1-c908-4637-9b92-8f7d82b92da5-7

02:35:27.486 --> 02:35:31.021

brain spawner, brain, spinal  
cord injury and brain and brain

ae5714a1-c908-4637-9b92-8f7d82b92da5-8

02:35:31.021 --> 02:35:33.049

injury. But it's not the only

one.

ccb9114a-4d96-4bc7-909f-d3cc06e5cc64-0

02:35:33.260 --> 02:35:37.200

So you know this for uplift

study was 14?

2ec6784c-9799-4d89-9a58-a72e2aaaed50-0

02:35:38.310 --> 02:35:41.809

Centers throughout the United

States, so as soon as you know

2ec6784c-9799-4d89-9a58-a72e2aaaed50-1

02:35:41.809 --> 02:35:44.849

we, we published the paper

together. This particular

2ec6784c-9799-4d89-9a58-a72e2aaaed50-2

02:35:44.849 --> 02:35:48.291

technology is now going to be

available to institutions all

2ec6784c-9799-4d89-9a58-a72e2aaaed50-3

02:35:48.291 --> 02:35:51.847

over the country. So it's not

just Miami. Now your prop, your

2ec6784c-9799-4d89-9a58-a72e2aaaed50-4

02:35:51.847 --> 02:35:55.576

point about the something being  
closed on weekends or or the the

2ec6784c-9799-4d89-9a58-a72e2aaaed50-5

02:35:55.576 --> 02:35:59.304

individual having to come in and  
taking time out of work is a is

2ec6784c-9799-4d89-9a58-a72e2aaaed50-6

02:35:59.304 --> 02:36:02.746

a big problem. That's why I  
tried to emphasize during COVID

2ec6784c-9799-4d89-9a58-a72e2aaaed50-7

02:36:02.746 --> 02:36:06.188

when the when the individuals  
could not come in, we started

2ec6784c-9799-4d89-9a58-a72e2aaaed50-8

02:36:06.188 --> 02:36:08.540

developing the remote programs  
for them.

2a3ea36d-0a42-4f15-807f-9b20c9cc92ed-0

02:36:08.620 --> 02:36:12.652

They can just zoom and they  
could exercise and they could

2a3ea36d-0a42-4f15-807f-9b20c9cc92ed-1

02:36:12.652 --> 02:36:17.102

get information and and we have  
a 24 hour call in service where

2a3ea36d-0a42-4f15-807f-9b20c9cc92ed-2

02:36:17.102 --> 02:36:20.996

if someone comes in for  
emergency, for example, and and

2a3ea36d-0a42-4f15-807f-9b20c9cc92ed-3

02:36:20.996 --> 02:36:25.516

neurosurgical residents, fellows  
are there to always assist them

2a3ea36d-0a42-4f15-807f-9b20c9cc92ed-4

02:36:25.516 --> 02:36:29.340

in terms of some type of  
emergency issue in the in the

2a3ea36d-0a42-4f15-807f-9b20c9cc92ed-5

02:36:29.340 --> 02:36:33.790

Christine E Lynn Center on the  
1st floor, we have this huge gym

2a3ea36d-0a42-4f15-807f-9b20c9cc92ed-6

02:36:33.790 --> 02:36:37.823

which is open to the public for  
people with disabilities,

2a3ea36d-0a42-4f15-807f-9b20c9cc92ed-7

02:36:37.823 --> 02:36:39.840

primarily spinal cord injury.

336b38d7-f38a-4dfb-a063-0a5d6d9616a9-0

02:36:39.920 --> 02:36:43.086

Now, stroke and TBI patients are  
coming in where they can

336b38d7-f38a-4dfb-a063-0a5d6d9616a9-1

02:36:43.086 --> 02:36:46.470

actually work out. We found we  
found it a long time ago that,

336b38d7-f38a-4dfb-a063-0a5d6d9616a9-2

02:36:46.470 --> 02:36:49.909

you know, exercise is important  
for everyone. And we needed to

336b38d7-f38a-4dfb-a063-0a5d6d9616a9-3

02:36:49.909 --> 02:36:53.239

have a place where people could  
come in and a gym that could

336b38d7-f38a-4dfb-a063-0a5d6d9616a9-4

02:36:53.239 --> 02:36:56.296

actually work out to improve  
their overall Wellness. So



336b38d7-f38a-4dfb-a063-0a5d6d9616a9-5

02:36:56.296 --> 02:36:59.517

that's open seven days a week

and things like that, people

336b38d7-f38a-4dfb-a063-0a5d6d9616a9-6

02:36:59.517 --> 02:37:03.011

have to sign up, that they have

to be part of a of a study just

336b38d7-f38a-4dfb-a063-0a5d6d9616a9-7

02:37:03.011 --> 02:37:06.395

to make sure that we control

that, that area. But we're doing

336b38d7-f38a-4dfb-a063-0a5d6d9616a9-8

02:37:06.395 --> 02:37:09.780

everything we can to make it

more convenient for the patient.

e5759ea8-592d-49da-a8d4-5f2017c10514-0

02:37:09.920 --> 02:37:13.904

And the the new push is actually

places companies like mind maze

e5759ea8-592d-49da-a8d4-5f2017c10514-1

02:37:13.904 --> 02:37:17.643

are developing these systems

where they can take the systems

e5759ea8-592d-49da-a8d4-5f2017c10514-2

02:37:17.643 --> 02:37:21.075

home. In fact, the brain cue  
stroke study is where this

e5759ea8-592d-49da-a8d4-5f2017c10514-3

02:37:21.075 --> 02:37:24.692

equipment is being allowed to  
take to the person's home so

e5759ea8-592d-49da-a8d4-5f2017c10514-4

02:37:24.692 --> 02:37:28.308

they can do the neuromodulation  
and exercise in their home

e5759ea8-592d-49da-a8d4-5f2017c10514-5

02:37:28.308 --> 02:37:32.109

setting. So we think basically  
that's going to solve a lot of

e5759ea8-592d-49da-a8d4-5f2017c10514-6

02:37:32.109 --> 02:37:35.542

problem in terms of having  
people that have come in and

e5759ea8-592d-49da-a8d4-5f2017c10514-7

02:37:35.542 --> 02:37:39.158

that's going to improve, I think

is going to prove outcome

e5759ea8-592d-49da-a8d4-5f2017c10514-8

02:37:39.158 --> 02:37:41.119

because right now we don't know.

ea195b45-f048-4726-94aa-b853c890e812-0

02:37:41.190 --> 02:37:44.562

The ceiling we really don't know

the ceiling for improving

ea195b45-f048-4726-94aa-b853c890e812-1

02:37:44.562 --> 02:37:47.821

outcome when we're doing these

very interesting types of

ea195b45-f048-4726-94aa-b853c890e812-2

02:37:47.821 --> 02:37:51.423

rehabilitation neuromodulation

approaches. So someone that can

ea195b45-f048-4726-94aa-b853c890e812-3

02:37:51.423 --> 02:37:53.709

keep the instrument at home for

longer.

2b32040a-2195-451b-831c-38c14c1d857e-0

02:37:54.540 --> 02:37:58.920

Uh may actually have a better

end result, so we're look, we're

2b32040a-2195-451b-831c-38c14c1d857e-1

02:37:58.920 --> 02:38:03.091

trying to look at these two  
different challenges and trying

2b32040a-2195-451b-831c-38c14c1d857e-2

02:38:03.091 --> 02:38:07.263

to figure out how we can help  
our our community in terms of

2b32040a-2195-451b-831c-38c14c1d857e-3

02:38:07.263 --> 02:38:11.574

helping them get the best, best  
treatment and more convenient

2b32040a-2195-451b-831c-38c14c1d857e-4

02:38:11.574 --> 02:38:12.199

strategy.

c17a4af0-d790-4d5a-a1bd-b9f5dd6f6ee9-0

02:38:14.780 --> 02:38:15.180

Thank you.

def1ae67-5527-4e32-b38e-cdff44bacd87-0

02:38:17.510 --> 02:38:19.840

Um. Doctor Higdon, you had  
question?

ef771e25-803e-486a-9394-250ee45560cd-0

02:38:20.650 --> 02:38:24.899

Hi there. Uh ohh my camera's  
off. Um so uh I'm a final point

ef771e25-803e-486a-9394-250ee45560cd-1

02:38:24.899 --> 02:38:29.080

of view position. Uh, I've been  
up in Jacksonville, Brooks.

af2916d6-b61f-4f82-850c-ea85ac0702ac-0

02:38:30.500 --> 02:38:36.036

Uh, but I just recently joined  
this Council. Uh, could you tell

af2916d6-b61f-4f82-850c-ea85ac0702ac-1

02:38:36.036 --> 02:38:41.400

us more about how how the my  
main project uses the the B skip

af2916d6-b61f-4f82-850c-ea85ac0702ac-2

02:38:41.400 --> 02:38:46.936

funding? Is it just added to its  
kind of general funds or is it

af2916d6-b61f-4f82-850c-ea85ac0702ac-3

02:38:46.936 --> 02:38:50.570

earmarked for specific specific

projects?

5cd9b242-7d65-4fc2-9e15-eb0d06c07143-0

02:38:51.860 --> 02:38:55.523

Yes, each year we write a good  
question. Each year we uh,

5cd9b242-7d65-4fc2-9e15-eb0d06c07143-1

02:38:55.523 --> 02:38:58.745

propose we we submit a a  
document that talks about

5cd9b242-7d65-4fc2-9e15-eb0d06c07143-2

02:38:58.745 --> 02:39:02.662

exactly what projects we would  
like to be funded by the state

5cd9b242-7d65-4fc2-9e15-eb0d06c07143-3

02:39:02.662 --> 02:39:06.705

of Florida and it's like an NIH  
grant, if you will. We have the

5cd9b242-7d65-4fc2-9e15-eb0d06c07143-4

02:39:06.705 --> 02:39:09.927

principal investigator who  
actually writes the A A

5cd9b242-7d65-4fc2-9e15-eb0d06c07143-5

02:39:09.927 --> 02:39:13.843

proposal, you know, explaining  
exactly what the problem is in

5cd9b242-7d65-4fc2-9e15-eb0d06c07143-6

02:39:13.843 --> 02:39:17.697

brain or spinal cord injury,  
what their laboratories working

5cd9b242-7d65-4fc2-9e15-eb0d06c07143-7

02:39:17.697 --> 02:39:21.487

on, what the hypotheses are,  
what the aims are and what the

5cd9b242-7d65-4fc2-9e15-eb0d06c07143-8

02:39:21.487 --> 02:39:21.930

budget.

613f5760-94ac-4179-b213-e84b58dc837f-0

02:39:22.450 --> 02:39:26.638

So basically we that's that's  
how we use the majority of the

613f5760-94ac-4179-b213-e84b58dc837f-1

02:39:26.638 --> 02:39:30.827

money to actually do. And each  
year we changed the, the, the

613f5760-94ac-4179-b213-e84b58dc837f-2

02:39:30.827 --> 02:39:34.192

projects we get new  
investigators. So we kind of

613f5760-94ac-4179-b213-e84b58dc837f-3

02:39:34.192 --> 02:39:38.586

circulate it around and I should  
say that some of that projects

613f5760-94ac-4179-b213-e84b58dc837f-4

02:39:38.586 --> 02:39:42.775

don't you know are also multi  
institutional. So basically we

613f5760-94ac-4179-b213-e84b58dc837f-5

02:39:42.775 --> 02:39:47.101

have colleagues for example at  
the University of Florida where

613f5760-94ac-4179-b213-e84b58dc837f-6

02:39:47.101 --> 02:39:50.603

we're doing biomaterials for  
example and and we're

613f5760-94ac-4179-b213-e84b58dc837f-7

02:39:50.603 --> 02:39:52.320

collaborating with those.

f1f1b30a-8a95-44ea-bcfb-c4f17257709e-0

02:39:52.390 --> 02:39:55.933



Individuals so we can use some  
of the state money not just for

f1f1b30a-8a95-44ea-bcfb-c4f17257709e-1

02:39:55.933 --> 02:39:59.420

the money project, but for other  
institutions in the state of

f1f1b30a-8a95-44ea-bcfb-c4f17257709e-2

02:39:59.420 --> 02:40:02.570

Florida. So that's how we we  
approach it predominantly.

86a140ec-4f42-4cde-96e0-57c791905ae4-0

02:40:05.430 --> 02:40:08.769

Right then is that document uh  
publicly available or is that

86a140ec-4f42-4cde-96e0-57c791905ae4-1

02:40:08.769 --> 02:40:11.945

something that's regularly sent  
out to uh to the Advisory

86a140ec-4f42-4cde-96e0-57c791905ae4-2

02:40:11.945 --> 02:40:15.340

Council members? I would think  
it would be. I don't you know,

86a140ec-4f42-4cde-96e0-57c791905ae4-3

02:40:15.340 --> 02:40:18.679

I'm just told to send it in. I

don't know who has access to.

5d0d3812-7c9b-4c09-b676-2f35b7da80be-0

02:40:20.230 --> 02:40:23.390

It's Kimberly. Is that something

you could help me with?

58daa6e7-54af-4f2d-a332-86d02e48cacb-0

02:40:24.290 --> 02:40:27.460

Yes, I can help you with that.

That that's through our

58daa6e7-54af-4f2d-a332-86d02e48cacb-1

02:40:27.460 --> 02:40:30.918

contracting department and that

probably would have to be a

58daa6e7-54af-4f2d-a332-86d02e48cacb-2

02:40:30.918 --> 02:40:34.607

public request if you wanted to

see those reports that are sent

58daa6e7-54af-4f2d-a332-86d02e48cacb-3

02:40:34.607 --> 02:40:34.780

in.

a3e41980-876b-459b-9527-3a012aae3892-0

02:40:36.370 --> 02:40:39.915

But anytime that you're you're  
interested in asking any

a3e41980-876b-459b-9527-3a012aae3892-1

02:40:39.915 --> 02:40:43.840

questions about how we're using  
the money, I'll be glad to to

a3e41980-876b-459b-9527-3a012aae3892-2

02:40:43.840 --> 02:40:47.575

talk about it, because it's a  
really important funding and

a3e41980-876b-459b-9527-3a012aae3892-3

02:40:47.575 --> 02:40:51.310

like we say, we try to put that  
money to the best use most

a3e41980-876b-459b-9527-3a012aae3892-4

02:40:51.310 --> 02:40:52.450

exciting projects.

0d7d7dda-3f89-46ed-a719-f6b0f9006aeb-0

02:40:53.170 --> 02:40:57.305

Projects that we think are worth  
doing, but sometimes we don't

0d7d7dda-3f89-46ed-a719-f6b0f9006aeb-1

02:40:57.305 --> 02:41:01.572

have. You know, for example, NIH  
funding yet to actually do that

0d7d7dda-3f89-46ed-a719-f6b0f9006aeb-2

02:41:01.572 --> 02:41:05.117

project. So we utilize that  
money for one year, we we

0d7d7dda-3f89-46ed-a719-f6b0f9006aeb-3

02:41:05.117 --> 02:41:07.940

receive that money for one year  
to obtain.

5873e696-0002-45a1-afec-966a9c81b0e4-0

02:41:08.810 --> 02:41:12.724

Uh pilot pilot data that  
supports the overall hypothesis

5873e696-0002-45a1-afec-966a9c81b0e4-1

02:41:12.724 --> 02:41:16.844

and then we can go into NIH or  
the Department of Defense or

5873e696-0002-45a1-afec-966a9c81b0e4-2

02:41:16.844 --> 02:41:20.895

other funding agencies that  
obviously are very competitive

5873e696-0002-45a1-afec-966a9c81b0e4-3

02:41:20.895 --> 02:41:24.260

and that helps us be successful,  
it really does.

ebabacec-1864-49ba-9b00-3ac7599dd45a-0

02:41:31.280 --> 02:41:32.970

Hey, uh, Ricky, you have a  
question?

e1aa3661-dea9-40ed-a0b6-7643c40446bf-0

02:41:33.640 --> 02:41:38.822

Yes, thank you. Um, I noticed on  
one of the slides that you put

e1aa3661-dea9-40ed-a0b6-7643c40446bf-1

02:41:38.822 --> 02:41:43.842

up in the beginning that that  
you referred to the spinal cord

e1aa3661-dea9-40ed-a0b6-7643c40446bf-2

02:41:43.842 --> 02:41:48.620

injury numbers as now epidemic  
proportions. It was 250,000

e1aa3661-dea9-40ed-a0b6-7643c40446bf-3

02:41:48.620 --> 02:41:49.430

worldwide.

733f6c33-515d-4e74-a873-d8186b248d7d-0

02:41:50.220 --> 02:41:53.580

Yeah, to 368,000 worldwide.

9ba8cf54-df99-4c2d-926b-84c738adb6ce-0

02:41:54.800 --> 02:41:59.489

Traumatic brain injury, on the  
other hand, is 1.7 million in

9ba8cf54-df99-4c2d-926b-84c738adb6ce-1

02:41:59.489 --> 02:42:03.410

the United States alone. How do  
you classify that?

1d6cf4c5-e169-4928-b5c9-f7368bf9213b-0

02:42:05.260 --> 02:42:06.820

As opposed to epidemic?

d23d14f0-8937-40a8-a69c-5ef0370cacbd-0

02:42:07.920 --> 02:42:11.257

Yeah. You really both of them  
are epidemic, if you will, but

d23d14f0-8937-40a8-a69c-5ef0370cacbd-1

02:42:11.257 --> 02:42:14.486

Umm, that's not, that's just  
this is out of the out of the

d23d14f0-8937-40a8-a69c-5ef0370cacbd-2

02:42:14.486 --> 02:42:17.769

literature. They used that it's  
a global epidemic. And as I

d23d14f0-8937-40a8-a69c-5ef0370cacbd-3

02:42:17.769 --> 02:42:18.699

tried to explain.

5a5ca677-a800-4173-a9aa-e2962fc92d84-0

02:42:19.970 --> 02:42:23.674

It's the the the. It means that  
it's happening all over the

5a5ca677-a800-4173-a9aa-e2962fc92d84-1

02:42:23.674 --> 02:42:27.565

world. I mean, if you go over to  
Japan or China or things like

5a5ca677-a800-4173-a9aa-e2962fc92d84-2

02:42:27.565 --> 02:42:31.517

that, UK, you're seeing a lot of  
different types of spinal cord

5a5ca677-a800-4173-a9aa-e2962fc92d84-3

02:42:31.517 --> 02:42:35.283

injuries occurring. And I think  
that's what was meant by the

5a5ca677-a800-4173-a9aa-e2962fc92d84-4

02:42:35.283 --> 02:42:38.988

author when he wrote that when  
he or she wrote that figure,

5a5ca677-a800-4173-a9aa-e2962fc92d84-5

02:42:38.988 --> 02:42:42.570

it's it's just that it's a  
global problem. Your point is,

5a5ca677-a800-4173-a9aa-e2962fc92d84-6

02:42:42.570 --> 02:42:46.275

well, you're well taken. The  
number of spinal cord injuries

5a5ca677-a800-4173-a9aa-e2962fc92d84-7

02:42:46.275 --> 02:42:49.671

compared to the number of  
traumatic brain injuries per

5a5ca677-a800-4173-a9aa-e2962fc92d84-8

02:42:49.671 --> 02:42:49.980

year.

7e936ac6-9c11-4490-befa-3a9a9fc07047-0

02:42:50.050 --> 02:42:54.164

Especially the concussion,  
that's where the majority of

7e936ac6-9c11-4490-befa-3a9a9fc07047-1



02:42:54.164 --> 02:42:58.720

those injuries are. Having is  
quite different numbers. So but

7e936ac6-9c11-4490-befa-3a9a9fc07047-2

02:42:58.720 --> 02:43:03.202

but again in terms of some of  
the, the epidemiology numbers,

7e936ac6-9c11-4490-befa-3a9a9fc07047-3

02:43:03.202 --> 02:43:07.758

we're starting to see a kind of  
a decrease in terms of severe

7e936ac6-9c11-4490-befa-3a9a9fc07047-4

02:43:07.758 --> 02:43:12.241

traumatic brain injuries due to  
the decrease in in accidents

7e936ac6-9c11-4490-befa-3a9a9fc07047-5

02:43:12.241 --> 02:43:16.870

from motor vehicles and things  
like that. But I agree with you

7e936ac6-9c11-4490-befa-3a9a9fc07047-6

02:43:16.870 --> 02:43:20.030

100%, it's probably not a good  
comparison.

e1a2f2ae-28b9-43e7-8855-12382c74c74a-0

02:43:20.100 --> 02:43:20.530

At all.

f17ffe0e-9558-4c15-9f7d-1cc84e0c2b47-0

02:43:21.370 --> 02:43:24.267

Right. And it also makes me  
think about the that we had

f17ffe0e-9558-4c15-9f7d-1cc84e0c2b47-1

02:43:24.267 --> 02:43:27.424

talked about in our earlier  
meetings this morning. I believe

f17ffe0e-9558-4c15-9f7d-1cc84e0c2b47-2

02:43:27.424 --> 02:43:27.890

that the.

e58f9bb0-8607-4b9b-845d-c74d754f8135-0

02:43:28.560 --> 02:43:31.630

Number of reported people that  
we serve.

556d3105-a0c8-46ca-80c8-4600d6641b97-0

02:43:32.360 --> 02:43:33.540

On the program.

20b0337a-7c92-4ebf-9622-1e5392422a62-0

02:43:34.270 --> 02:43:38.933

Um is so infinitesimal. When you  
compare the total number of

20b0337a-7c92-4ebf-9622-1e5392422a62-1

02:43:38.933 --> 02:43:43.290

reported cases of spinal cord  
injury and traumatic brain

20b0337a-7c92-4ebf-9622-1e5392422a62-2

02:43:43.290 --> 02:43:48.259

injury that if you just took the  
percentages alone of population

20b0337a-7c92-4ebf-9622-1e5392422a62-3

02:43:48.259 --> 02:43:49.099

in Florida.

fb000fca-580d-41b3-93be-c37de0c7d046-0

02:43:50.600 --> 02:43:53.461

We seem to be missing a lot of  
numbers and I think that's

fb000fca-580d-41b3-93be-c37de0c7d046-1

02:43:53.461 --> 02:43:55.780

something that that we really  
need to address.

aca16c19-23db-4563-b136-f4170c0e94b3-0

02:43:57.160 --> 02:44:00.462

And I think we, we started it  
this morning, we were talking

aca16c19-23db-4563-b136-f4170c0e94b3-1

02:44:00.462 --> 02:44:03.929

about, you know, talking about  
the trauma centers that are not

aca16c19-23db-4563-b136-f4170c0e94b3-2

02:44:03.929 --> 02:44:04.479

reporting.

36b1ecd7-a9fd-47ac-83a8-737c0445f4e6-0

02:44:05.320 --> 02:44:05.910

Injuries.

46459f25-78bf-4a1b-94f0-d5db0086e4f6-0

02:44:07.600 --> 02:44:10.673

Yeah, I think that I think  
that's an issue. I was just

46459f25-78bf-4a1b-94f0-d5db0086e4f6-1

02:44:10.673 --> 02:44:14.137

talking with the Christopher  
Reeve Paralysis Foundation about

46459f25-78bf-4a1b-94f0-d5db0086e4f6-2

02:44:14.137 --> 02:44:17.658

the numbers and and they have a

very large grant, I think from

46459f25-78bf-4a1b-94f0-d5db0086e4f6-3

02:44:17.658 --> 02:44:21.011

the federal government that is  
supposed to take in all that

46459f25-78bf-4a1b-94f0-d5db0086e4f6-4

02:44:21.011 --> 02:44:24.140

data, right? And they're they're  
always having a lot of

46459f25-78bf-4a1b-94f0-d5db0086e4f6-5

02:44:24.140 --> 02:44:27.102

challenges to get real, you  
know, data that they can

46459f25-78bf-4a1b-94f0-d5db0086e4f6-6

02:44:27.102 --> 02:44:30.510

believe. And I think you're  
exactly right. A lot of a lot of

46459f25-78bf-4a1b-94f0-d5db0086e4f6-7

02:44:30.510 --> 02:44:34.031

people are not being reported  
under. It's being underreported,

46459f25-78bf-4a1b-94f0-d5db0086e4f6-8

02:44:34.031 --> 02:44:37.160

if anything, because I know  
what's happening in our our

46459f25-78bf-4a1b-94f0-d5db0086e4f6-9

02:44:37.160 --> 02:44:37.439

unit.

277ff39e-0e74-491f-8f8c-41b68ffd818f-0

02:44:37.540 --> 02:44:40.354

They had people coming in every  
day with different types of

277ff39e-0e74-491f-8f8c-41b68ffd818f-1

02:44:40.354 --> 02:44:43.028

spinal cord injuries and things  
like that, so it's Holly

277ff39e-0e74-491f-8f8c-41b68ffd818f-2

02:44:43.028 --> 02:44:44.530

prevalence, no doubt about that.

6c14e0dd-fdc7-4458-a03a-5e0c79799426-0

02:44:46.130 --> 02:44:49.794

I guess there is to try to find  
out how to improve the

6c14e0dd-fdc7-4458-a03a-5e0c79799426-1

02:44:49.794 --> 02:44:53.658

reporting. I I come from

Maryland years ago, I was on the

6c14e0dd-fdc7-4458-a03a-5e0c79799426-2

02:44:53.658 --> 02:44:57.923

governor's on Matic Brain Injury

Advisory Board in Maryland and

6c14e0dd-fdc7-4458-a03a-5e0c79799426-3

02:44:57.923 --> 02:45:01.587

one of the problems we have

there is that a lot of the

6c14e0dd-fdc7-4458-a03a-5e0c79799426-4

02:45:01.587 --> 02:45:05.851

hospitals by law are required to

report injuries when they come

6c14e0dd-fdc7-4458-a03a-5e0c79799426-5

02:45:05.851 --> 02:45:09.249

in and they don't. But there are

no repercussions.

3073928b-05a9-4249-9b7b-29c3e11affbc-0

02:45:10.020 --> 02:45:13.688

And I think that's that's one of

the the issues that they were

3073928b-05a9-4249-9b7b-29c3e11affbc-1

02:45:13.688 --> 02:45:17.123

supposed to by law. And if you  
didn't do it, you know, you

3073928b-05a9-4249-9b7b-29c3e11affbc-2

02:45:17.123 --> 02:45:17.880

didn't do it.

6d9aac72-2b2d-4eff-a6d9-8e004a6bbc55-0

02:45:18.910 --> 02:45:19.080

No.

eb723f14-7861-4403-bb69-9a8d70328f5a-0

02:45:20.600 --> 02:45:24.898

Um, there's a question in the  
chat. It's from Eric Collazo. It

eb723f14-7861-4403-bb69-9a8d70328f5a-1

02:45:24.898 --> 02:45:28.651

says previously UM was  
researching a cooling helmet to

eb723f14-7861-4403-bb69-9a8d70328f5a-2

02:45:28.651 --> 02:45:32.813

deploy with EMS teams to use at  
accidents involving TBI. Are

eb723f14-7861-4403-bb69-9a8d70328f5a-3

02:45:32.813 --> 02:45:35.270

there any updates on that



research?

b7ccb021-2b9f-454e-81f4-c7de6a236e59-0

02:45:37.100 --> 02:45:40.775

So there's a lot of new  
technologies, I think in some of

b7ccb021-2b9f-454e-81f4-c7de6a236e59-1

02:45:40.775 --> 02:45:43.870

them based on our our studies of  
how important.

5004cc35-b8d3-4b83-a4c0-2558727f74bf-0

02:45:45.240 --> 02:45:49.224

It is when the brain gets a  
little bit warm or the head gets

5004cc35-b8d3-4b83-a4c0-2558727f74bf-1

02:45:49.224 --> 02:45:53.143

a little bit warm in terms of  
affecting concussion outcome.

5004cc35-b8d3-4b83-a4c0-2558727f74bf-2

02:45:53.143 --> 02:45:57.062

Those types of studies are  
continuing to go. I don't really

5004cc35-b8d3-4b83-a4c0-2558727f74bf-3

02:45:57.062 --> 02:46:00.916

know the specifics of that  
particular study. I know that a

5004cc35-b8d3-4b83-a4c0-2558727f74bf-4

02:46:00.916 --> 02:46:05.227

lot of people call me up and and  
and show me their latest and and

5004cc35-b8d3-4b83-a4c0-2558727f74bf-5

02:46:05.227 --> 02:46:09.407

better helmet. You know, do they  
really work and things of this

5004cc35-b8d3-4b83-a4c0-2558727f74bf-6

02:46:09.407 --> 02:46:13.522

nature? I'm not really sure yet  
because it's very difficult to

5004cc35-b8d3-4b83-a4c0-2558727f74bf-7

02:46:13.522 --> 02:46:15.090

externally cool the the.

eb763b4a-63b3-4253-b760-c548d08f2298-0

02:46:15.180 --> 02:46:20.329

The the the brain in a in an  
adult person and but other

eb763b4a-63b3-4253-b760-c548d08f2298-1

02:46:20.329 --> 02:46:23.180

people are using these cooling.

44559e3d-e6f6-4890-8795-3ce7c7a4c5df-0

02:46:24.780 --> 02:46:29.252

Collars that that, that cool the  
uh, the uh blood going up and up

44559e3d-e6f6-4890-8795-3ce7c7a4c5df-1

02:46:29.252 --> 02:46:33.725

and back the jugular and carotid  
that are going that are actually

44559e3d-e6f6-4890-8795-3ce7c7a4c5df-2

02:46:33.725 --> 02:46:38.063

cooling or heating the brain. So  
that's another strategy people

44559e3d-e6f6-4890-8795-3ce7c7a4c5df-3

02:46:38.063 --> 02:46:42.400

are using but I actually think  
it's a good idea because I think

44559e3d-e6f6-4890-8795-3ce7c7a4c5df-4

02:46:42.400 --> 02:46:46.737

if you could potentially lower  
the temperature 1 degree by some

44559e3d-e6f6-4890-8795-3ce7c7a4c5df-5

02:46:46.737 --> 02:46:51.142

type of cooling external cooling  
device that would be that would

44559e3d-e6f6-4890-8795-3ce7c7a4c5df-6

02:46:51.142 --> 02:46:55.276

be beneficial. I know the NFL  
for example is very interested

44559e3d-e6f6-4890-8795-3ce7c7a4c5df-7

02:46:55.276 --> 02:46:55.480

in.

d27b3b00-9f0b-4000-93d3-6a66faaa2c68-0

02:46:55.720 --> 02:46:59.348

And keeping temperature at  
normal thermia. So sometimes you

d27b3b00-9f0b-4000-93d3-6a66faaa2c68-1

02:46:59.348 --> 02:47:02.977

see the uh, the lime and come  
off the field and they've got

d27b3b00-9f0b-4000-93d3-6a66faaa2c68-2

02:47:02.977 --> 02:47:06.666

they've they've the NFL funded a  
study where they're they're

d27b3b00-9f0b-4000-93d3-6a66faaa2c68-3

02:47:06.666 --> 02:47:10.537

running cool cool fluids through  
their through their their some

d27b3b00-9f0b-4000-93d3-6a66faaa2c68-4

02:47:10.537 --> 02:47:14.105

of their equipment they're  
worrying to cool cool them down

d27b3b00-9f0b-4000-93d3-6a66faaa2c68-5

02:47:14.105 --> 02:47:17.854

you see the fans and other types  
of strategy as well so but I

d27b3b00-9f0b-4000-93d3-6a66faaa2c68-6

02:47:17.854 --> 02:47:21.181

don't know any I don't know  
really know about how that

d27b3b00-9f0b-4000-93d3-6a66faaa2c68-7

02:47:21.181 --> 02:47:24.809

particular project is going. I  
know the firefighters that's

d27b3b00-9f0b-4000-93d3-6a66faaa2c68-8

02:47:24.809 --> 02:47:27.350

another area we're working with  
in Miami.

d1719004-f4c7-4348-8193-6d50b0337733-0

02:47:27.750 --> 02:47:31.084

You know, they have a lot of  
problems with the hyperthermia

d1719004-f4c7-4348-8193-6d50b0337733-1

02:47:31.084 --> 02:47:32.140

because of all the.

6f07f46e-3d49-433c-b24f-57328709526f-0

02:47:32.870 --> 02:47:36.527

All the protective gear they're  
wearing and things like that, so

6f07f46e-3d49-433c-b24f-57328709526f-1

02:47:36.527 --> 02:47:39.847

that they're very they're  
complaining of that quite a lot.

6f07f46e-3d49-433c-b24f-57328709526f-2

02:47:39.847 --> 02:47:43.223

And that's affecting their  
ability to to perform. So we now

6f07f46e-3d49-433c-b24f-57328709526f-3

02:47:43.223 --> 02:47:46.374

have some new sensors that  
they're wearing in their, in

6f07f46e-3d49-433c-b24f-57328709526f-4

02:47:46.374 --> 02:47:49.806

their outfits that actually can  
tell them exactly what their

6f07f46e-3d49-433c-b24f-57328709526f-5

02:47:49.806 --> 02:47:53.182

core temperature is and if it  
gets too high, then they know

6f07f46e-3d49-433c-b24f-57328709526f-6

02:47:53.182 --> 02:47:56.390

when they have to do something  
about it to protect them.

a1074b53-6eaf-41a8-875b-ce794870bfdb-0

02:47:58.590 --> 02:48:00.220

Uh, Justin, you have a question.

9f1d4e65-3ba5-4e66-a487-5109a5ccb9c2-0

02:48:02.550 --> 02:48:07.475

Yeah, going back with the with  
the numbers increasing, UM has

9f1d4e65-3ba5-4e66-a487-5109a5ccb9c2-1

02:48:07.475 --> 02:48:11.130

the is that I mean is it enough  
that the FDA?

190cc905-7ea7-4889-8fc5-719b2eb3d697-0

02:48:12.020 --> 02:48:14.290

Um is willing to, you know.

9783920f-19ce-4841-a38a-38583ec7302d-0

02:48:15.000 --> 02:48:19.717

Allow you know UAV's or any of  
the like prod. You know studies

9783920f-19ce-4841-a38a-38583ec7302d-1

02:48:19.717 --> 02:48:24.360

that you're working on or has  
that or is it not quite at that

9783920f-19ce-4841-a38a-38583ec7302d-2

02:48:24.360 --> 02:48:24.810

level?

2e3fdc60-4499-48d8-8e8d-d00764adf53c-0

02:48:26.670 --> 02:48:32.398

So we've had pretty good  
experience with the FDA in terms

2e3fdc60-4499-48d8-8e8d-d00764adf53c-1

02:48:32.398 --> 02:48:35.460

of moving our our work forward.

9d7604a1-a113-453d-a0a0-489e9ebe3869-0

02:48:37.380 --> 02:48:42.078

When we when we asked the FDA



several years ago that we wanted

9d7604a1-a113-453d-a0a0-489e9ebe3869-1

02:48:42.078 --> 02:48:46.628

to put millions of stem cells or  
swan cells into the persons

9d7604a1-a113-453d-a0a0-489e9ebe3869-2

02:48:46.628 --> 02:48:48.120

injured spinal cord.

a399fa3c-2f9b-4be0-ba71-5bfa14fe8947-0

02:48:48.980 --> 02:48:53.288

Um, they had not had a lot of  
experience with that. And so we

a399fa3c-2f9b-4be0-ba71-5bfa14fe8947-1

02:48:53.288 --> 02:48:57.666

actually educated the FDA quite  
a lot in terms of how we think

a399fa3c-2f9b-4be0-ba71-5bfa14fe8947-2

02:48:57.666 --> 02:49:02.183

you can do it safely and we had  
to show that we can inject these

a399fa3c-2f9b-4be0-ba71-5bfa14fe8947-3

02:49:02.183 --> 02:49:06.283

cells safely in a in a pig model

of spinal cord injury for

a399fa3c-2f9b-4be0-ba71-5bfa14fe8947-4

02:49:06.283 --> 02:49:10.869

example and and all the toxicity

and the cell processing. We were

a399fa3c-2f9b-4be0-ba71-5bfa14fe8947-5

02:49:10.869 --> 02:49:15.178

fortunate in Miami that we have

a interdisciplinary stem cell

a399fa3c-2f9b-4be0-ba71-5bfa14fe8947-6

02:49:15.178 --> 02:49:18.999

institute that has for years

been working on the zinc.

93ef91eb-925f-4a5d-9edc-c4beb34cfe0e-0

02:49:19.230 --> 02:49:23.812

Stem cells as a strategy to

target a myocardial infarction

93ef91eb-925f-4a5d-9edc-c4beb34cfe0e-1

02:49:23.812 --> 02:49:28.782

and and improved function of the

heart, and so they had all the

93ef91eb-925f-4a5d-9edc-c4beb34cfe0e-2

02:49:28.782 --> 02:49:33.597

the infrastructure actually to  
process sales according to the

93ef91eb-925f-4a5d-9edc-c4beb34cfe0e-3

02:49:33.597 --> 02:49:38.179

rules and regulations, the FDA.

So that gave us a big step

93ef91eb-925f-4a5d-9edc-c4beb34cfe0e-4

02:49:38.179 --> 02:49:43.072

forward. So after we it took us

two years to get that first ID

93ef91eb-925f-4a5d-9edc-c4beb34cfe0e-5

02:49:43.072 --> 02:49:48.042

approved, but after that we've

gone back several times and it's

93ef91eb-925f-4a5d-9edc-c4beb34cfe0e-6

02:49:48.042 --> 02:49:49.129

been a pretty.

f3bf7731-8a48-4a71-8dc7-0a4d8d42ba32-0

02:49:49.270 --> 02:49:51.310

Um a pretty um.

44a6aefc-860e-47a6-a647-0cdab18384c7-0

02:49:53.290 --> 02:49:57.877

Very, uh. Efficient way in which

the FDA's dealt with us. You

44a6aefc-860e-47a6-a647-0cdab18384c7-1

02:49:57.877 --> 02:50:02.316

send the ID in and then they  
have 30 days to respond to it.

44a6aefc-860e-47a6-a647-0cdab18384c7-2

02:50:02.316 --> 02:50:06.977

And usually on the 29th day, you  
know, they send you a list of

44a6aefc-860e-47a6-a647-0cdab18384c7-3

02:50:06.977 --> 02:50:11.564

questions and you have 30 days  
to answer that and go back and

44a6aefc-860e-47a6-a647-0cdab18384c7-4

02:50:11.564 --> 02:50:16.003

forth. And we've accelerated  
that process. So I have no, no

44a6aefc-860e-47a6-a647-0cdab18384c7-5

02:50:16.003 --> 02:50:20.220

issues whatsoever about the FDA,  
even in terms of a drug

44a6aefc-860e-47a6-a647-0cdab18384c7-6

02:50:20.220 --> 02:50:23.550

development or cell therapies  
and this last.

aad233c1-6936-43a4-a479-b6d3d9a2f475-0

02:50:24.600 --> 02:50:28.947

Yeah, uh, ID that we received  
for compassionate, compassionate

aad233c1-6936-43a4-a479-b6d3d9a2f475-1

02:50:28.947 --> 02:50:32.949

use to use in an individual with  
the late stage ALS. That

aad233c1-6936-43a4-a479-b6d3d9a2f475-2

02:50:32.949 --> 02:50:36.882

actually took about, you know,  
30 days. And we we put it

aad233c1-6936-43a4-a479-b6d3d9a2f475-3

02:50:36.882 --> 02:50:41.022

together. We knew exactly what  
the FDA wanted. We got it to

aad233c1-6936-43a4-a479-b6d3d9a2f475-4

02:50:41.022 --> 02:50:44.748

them. They asked several  
questions. We revised it. We

aad233c1-6936-43a4-a479-b6d3d9a2f475-5

02:50:44.748 --> 02:50:48.750

sent it back in and we and we

got the the, the, the green

aad233c1-6936-43a4-a479-b6d3d9a2f475-6

02:50:48.750 --> 02:50:52.959

light. So I think if you you

know how to ride an appropriate

aad233c1-6936-43a4-a479-b6d3d9a2f475-7

02:50:52.959 --> 02:50:55.030

ID if you know how to respond.

062c3318-e2df-41b6-83bb-092715f95a76-0

02:50:55.110 --> 02:50:58.942

Appropriate to appropriately to

the FDA it's it's a pretty

062c3318-e2df-41b6-83bb-092715f95a76-1

02:50:58.942 --> 02:51:02.450

efficient, um, uh, uh process

right now as far as I'm

062c3318-e2df-41b6-83bb-092715f95a76-2

02:51:02.450 --> 02:51:03.100

concerned.

ef3cf24d-ff8f-4183-a010-4f9e4e33c94b-0

02:51:06.390 --> 02:51:08.460

Um. Doctor Higdon, you have a question?

7d5e424b-eb0d-4aa7-bf07-ff0be437ab4d-0

02:51:10.250 --> 02:51:12.918

Uh, yes, I have another question. Um, hopefully other

7d5e424b-eb0d-4aa7-bf07-ff0be437ab4d-1

02:51:12.918 --> 02:51:15.783

people I'm I do realize I'm asking a lot of questions, so

7d5e424b-eb0d-4aa7-bf07-ff0be437ab4d-2

02:51:15.783 --> 02:51:18.600

hopefully it doesn't discourage other people from asking

7d5e424b-eb0d-4aa7-bf07-ff0be437ab4d-3

02:51:18.600 --> 02:51:20.280

questions. So you mentioned that.

95f4eb9d-7b7d-4394-b584-f1414ba1f134-0

02:51:22.150 --> 02:51:26.400

Uh, that there's an improving ratio between um, complete

95f4eb9d-7b7d-4394-b584-f1414ba1f134-1

02:51:26.400 --> 02:51:30.874

injuries, uh and in Asia is in  
Asia D's and and one part of

95f4eb9d-7b7d-4394-b584-f1414ba1f134-2

02:51:30.874 --> 02:51:35.199

that is, you know, earlier  
spinal stabilization, but what

95f4eb9d-7b7d-4394-b584-f1414ba1f134-3

02:51:35.199 --> 02:51:39.747

what I've seen since practicing  
here in Florida is that even

95f4eb9d-7b7d-4394-b584-f1414ba1f134-4

02:51:39.747 --> 02:51:44.146

though there's good, there's  
been multi center style multi

95f4eb9d-7b7d-4394-b584-f1414ba1f134-5

02:51:44.146 --> 02:51:48.919

center studies on humans showing  
that early stabilization helps

95f4eb9d-7b7d-4394-b584-f1414ba1f134-6

02:51:48.919 --> 02:51:52.200

people convert from complete to  
incomplete.



a90c5ba1-ea97-45c5-9f9b-a6d6c4c374db-0

02:51:52.970 --> 02:51:56.981

I've seen that's not necessarily  
the standard of care here in

a90c5ba1-ea97-45c5-9f9b-a6d6c4c374db-1

02:51:56.981 --> 02:52:01.122

Florida. So do you guys look at  
kind of implementation patterns

a90c5ba1-ea97-45c5-9f9b-a6d6c4c374db-2

02:52:01.122 --> 02:52:05.198

among are you, do you guys do  
like demographic research as far

a90c5ba1-ea97-45c5-9f9b-a6d6c4c374db-3

02:52:05.198 --> 02:52:07.010

as implementation for these?

69e9a02b-ccc0-496e-9e38-d1d018111e89-0

02:52:07.820 --> 02:52:11.690

Kind of evidence based changes,  
or what's your insight on that?

8b250174-92c7-4234-a348-0c7fbf9a35e8-0

02:52:12.630 --> 02:52:16.633

Well, the our insight is that we  
work very closely with the

8b250174-92c7-4234-a348-0c7fbf9a35e8-1

02:52:16.633 --> 02:52:20.969

University of Toronto and that's  
where Michael failings and that

8b250174-92c7-4234-a348-0c7fbf9a35e8-2

02:52:20.969 --> 02:52:24.972

group Charles Tatter are. And  
they're the group that really

8b250174-92c7-4234-a348-0c7fbf9a35e8-3

02:52:24.972 --> 02:52:29.309

pushed the envelope in terms of  
showing that early decompression

8b250174-92c7-4234-a348-0c7fbf9a35e8-4

02:52:29.309 --> 02:52:33.379

was was beneficial. And if you  
look at those number of those

8b250174-92c7-4234-a348-0c7fbf9a35e8-5

02:52:33.379 --> 02:52:37.315

studies, they're they're very  
convincing. And so utilizing

8b250174-92c7-4234-a348-0c7fbf9a35e8-6

02:52:37.315 --> 02:52:41.118

that peer reviewed literature  
and in fact, I just gave a

8b250174-92c7-4234-a348-0c7fbf9a35e8-7

02:52:41.118 --> 02:52:42.719

lecture on that and and.

b140d060-709a-4aee-b438-b25f7beb8311-0

02:52:42.830 --> 02:52:46.485

They've looked at, you know,  
thousands of patients and to

b140d060-709a-4aee-b438-b25f7beb8311-1

02:52:46.485 --> 02:52:49.006

have, and I'm not a  
neurosurgeon, I'm a

b140d060-709a-4aee-b438-b25f7beb8311-2

02:52:49.006 --> 02:52:52.599

neuroscientist, so I do  
translational work. Yes, but I'm

b140d060-709a-4aee-b438-b25f7beb8311-3

02:52:52.599 --> 02:52:56.003

not a neurosurgeon but a  
neurosurgeons. Feel strongly

b140d060-709a-4aee-b438-b25f7beb8311-4

02:52:56.003 --> 02:52:59.406

that early intervention in terms  
of stabilization and

b140d060-709a-4aee-b438-b25f7beb8311-5

02:52:59.406 --> 02:53:03.062

decompression, maybe not  
decompression all patients, but,

b140d060-709a-4aee-b438-b25f7beb8311-6

02:53:03.062 --> 02:53:07.159

you know, decompression products  
predominantly within the 1st 24

b140d060-709a-4aee-b438-b25f7beb8311-7

02:53:07.159 --> 02:53:10.626

hours with the other point is a  
normal thermia or mild

b140d060-709a-4aee-b438-b25f7beb8311-8

02:53:10.626 --> 02:53:14.030

hypothermia, maybe 36 degrees or  
something like that.

e6ee526b-b38b-463e-9bc9-7f23356a6db2-0

02:53:14.130 --> 02:53:17.375

Early on is making a big  
difference in their patients. So

e6ee526b-b38b-463e-9bc9-7f23356a6db2-1

02:53:17.375 --> 02:53:20.956

I think that's that's the that's

the response that I could give

e6ee526b-b38b-463e-9bc9-7f23356a6db2-2

02:53:20.956 --> 02:53:24.369

you. I think we we look at the  
data then they have their own

e6ee526b-b38b-463e-9bc9-7f23356a6db2-3

02:53:24.369 --> 02:53:27.782

experiences and you know and  
their own opinions and together

e6ee526b-b38b-463e-9bc9-7f23356a6db2-4

02:53:27.782 --> 02:53:31.307

this very large group of spine  
neurosurgeons have decided this

e6ee526b-b38b-463e-9bc9-7f23356a6db2-5

02:53:31.307 --> 02:53:34.888

is the way they're go. I'm, I'm  
sure they're they're exceptions

e6ee526b-b38b-463e-9bc9-7f23356a6db2-6

02:53:34.888 --> 02:53:37.350

to that rule, but that's what  
they tell me.

5b77b410-bd28-454f-b196-75c5ea355e00-0

02:53:38.560 --> 02:53:38.790

Here.

17e22d10-aa42-4059-a36d-293b8f77a042-0

02:53:40.640 --> 02:53:44.658

And uh last question, um.

Jennifer Lannon, you have a

17e22d10-aa42-4059-a36d-293b8f77a042-1

02:53:44.658 --> 02:53:49.049

question in the chat, but I

can't read the whole question.

17e22d10-aa42-4059-a36d-293b8f77a042-2

02:53:49.049 --> 02:53:53.291

It's actually it's not a

question. Ohh it isn't OK now I

17e22d10-aa42-4059-a36d-293b8f77a042-3

02:53:53.291 --> 02:53:57.309

was I just was posting the

definition of an epidemic.

ec81310e-e49a-4bbd-8f9b-6fbed7b9d14e-0

02:53:58.860 --> 02:54:01.977

I I couldn't. OK. I couldn't

read the whole thing. And I'm

ec81310e-e49a-4bbd-8f9b-6fbed7b9d14e-1

02:54:01.977 --> 02:54:05.094

like, why can't I see this? But

OK, alright. Uh, any other

ec81310e-e49a-4bbd-8f9b-6fbed7b9d14e-2

02:54:05.094 --> 02:54:06.679

questions for Doctor Dietrich?

3050471a-3f17-4bfa-a9a6-82703e75a88e-0

02:54:10.780 --> 02:54:14.516

Alright. Well, I thank you so

much for your time today. This

3050471a-3f17-4bfa-a9a6-82703e75a88e-1

02:54:14.516 --> 02:54:17.640

has been phenomenal. Very

interesting. Lot of good

3050471a-3f17-4bfa-a9a6-82703e75a88e-2

02:54:17.640 --> 02:54:21.316

questions were brought up, a

great presentation. So I thank

3050471a-3f17-4bfa-a9a6-82703e75a88e-3

02:54:21.316 --> 02:54:25.053

you for. Thank you for your

time. Yeah, well, thank you very

3050471a-3f17-4bfa-a9a6-82703e75a88e-4

02:54:25.053 --> 02:54:28.728

much again for the invitation. I

hope what I gave you is is

3050471a-3f17-4bfa-a9a6-82703e75a88e-5

02:54:28.728 --> 02:54:32.649

helpful it it kind of gives you

an overview of what we're doing

3050471a-3f17-4bfa-a9a6-82703e75a88e-6

02:54:32.649 --> 02:54:36.508

here and again the the support

from the state of Florida is is

3050471a-3f17-4bfa-a9a6-82703e75a88e-7

02:54:36.508 --> 02:54:40.244

just very, very critical to us

and thank you so much for the

3050471a-3f17-4bfa-a9a6-82703e75a88e-8

02:54:40.244 --> 02:54:40.489

for.

651cc4bf-54b5-43be-890c-d50892cd96f7-0

02:54:40.720 --> 02:54:44.549

About each year and anytime you

need any information from me

651cc4bf-54b5-43be-890c-d50892cd96f7-1

02:54:44.549 --> 02:54:48.379



about how we're spending the  
money or things of this nature,

651cc4bf-54b5-43be-890c-d50892cd96f7-2

02:54:48.379 --> 02:54:51.958

please let me know. OK. Yes,

Sir. Thank you so much. OK,

651cc4bf-54b5-43be-890c-d50892cd96f7-3

02:54:51.958 --> 02:54:54.470

everybody. Take care. Bye bye.

Bye bye.

27fa6b8f-dfdc-4ae5-94ef-8b4958a0e881-0

02:54:55.580 --> 02:55:00.015

OK, so um, when I'm going back

in the chat, Jeffrey, you had a

27fa6b8f-dfdc-4ae5-94ef-8b4958a0e881-1

02:55:00.015 --> 02:55:04.591

question from earlier that says

do regions purchase the gasoline

27fa6b8f-dfdc-4ae5-94ef-8b4958a0e881-2

02:55:04.591 --> 02:55:08.956

during the grace period of this

month of October. So patients

27fa6b8f-dfdc-4ae5-94ef-8b4958a0e881-3

02:55:08.956 --> 02:55:13.039

can get to and from their  
involvement. So gasoline is not

27fa6b8f-dfdc-4ae5-94ef-8b4958a0e881-4

02:55:13.039 --> 02:55:17.193

something that the program  
purchases for clients. We focus

27fa6b8f-dfdc-4ae5-94ef-8b4958a0e881-5

02:55:17.193 --> 02:55:21.839

on essential therapies and needs  
medically necessary services. So

27fa6b8f-dfdc-4ae5-94ef-8b4958a0e881-6

02:55:21.839 --> 02:55:23.670

gasoline would not be one.

e9800057-03c4-492c-959e-b45b7ad44389-0

02:55:24.870 --> 02:55:26.280

So um.

91784940-b95e-4da1-9f9e-042121bbf254-0

02:55:27.120 --> 02:55:30.136

Do we have any Council  
recommendations for our next

91784940-b95e-4da1-9f9e-042121bbf254-1

02:55:30.136 --> 02:55:30.600

meeting?

fc9b4649-7659-4778-9d9d-15366deeedfc-0

02:55:34.230 --> 02:55:35.180

You're muted, Ricky.

5d61106a-ed9-4a30-9c0b-186f91d83467-0

02:55:35.880 --> 02:55:39.586

I have one comment. Uh, I'd like  
to again ask that everybody

5d61106a-ed9-4a30-9c0b-186f91d83467-1

02:55:39.586 --> 02:55:42.745

participate in the two  
committees. Uh, that we have

5d61106a-ed9-4a30-9c0b-186f91d83467-2

02:55:42.745 --> 02:55:46.633

because those committees is is  
where all the work is coming out

5d61106a-ed9-4a30-9c0b-186f91d83467-3

02:55:46.633 --> 02:55:50.461

of and the recommendations will  
come from. We can use use your

5d61106a-ed9-4a30-9c0b-186f91d83467-4

02:55:50.461 --> 02:55:51.980

participation. Thank you.

f39afd2b-a044-4a3d-94a1-11c52518f904-0

02:55:53.060 --> 02:55:53.290

Hey.

fe3dd7e0-082d-4ee4-852c-f59b409e1aa5-0

02:55:53.960 --> 02:55:54.840

Anybody else?

ea0bad82-a5f1-480b-bad5-6c3fddfea355-0

02:55:56.880 --> 02:55:58.680

Do we have any public comments?

871d17f3-e8fd-4d37-a447-e68c09054866-0

02:56:05.120 --> 02:56:09.030

OK, so if we're all in

agreement, um, I move for a

871d17f3-e8fd-4d37-a447-e68c09054866-1

02:56:09.030 --> 02:56:10.410

motion to adjourn.

e449841e-d47f-402b-9137-0b9a91cd205d-0

02:56:11.340 --> 02:56:12.480

My motion to adjourn.

c064f6e9-0fcd-4285-bab4-6077f39bafc3-0

02:56:13.860 --> 02:56:14.490

I can check it.

8b052405-b038-4bf3-8bee-d4de5a87afb1-0

02:56:16.170 --> 02:56:17.180

All right, all in favor.

316d816c-041e-4f41-961e-6a3a3671e0f1-0

02:56:18.030 --> 02:56:20.200

Aye, aye. Aye, aye, aye.

99ab768b-0e75-4ea8-bfcb-1529e71cdf95-0

02:56:21.020 --> 02:56:25.202

Thank you so much. The motion is  
to adjourn. I appreciate you all

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02:56:25.202 --> 02:56:29.257

taking the time to come to both  
morning and afternoon sessions.

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02:56:29.257 --> 02:56:33.376

I know it's been a long day for  
everybody, so thank you so much.

99ab768b-0e75-4ea8-bfcb-1529e71cdf95-3

02:56:33.376 --> 02:56:37.051

I I greatly appreciate it. Have  
a good day. Thank you for

99ab768b-0e75-4ea8-bfcb-1529e71cdf95-4

02:56:37.051 --> 02:56:39.839

organizing. Thank you, everyone.

Thank you.

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02:56:45.160 --> 02:56:59.880