Brucellosis Case Report Form General Instructions

Please complete as much of the form as possible. The instructions below explain each variable.
If you have questions, please contact Bacterial Special Pathogens Branch at (404) 639-1711.

Send the completed form with all personal identifiers removed to:

Mail: Centers for Disease Control & Prevention
ATTN: Bacterial Special Pathogens Branch
Mailstop A30
1600 Clifton Rd NE
Atlanta, GA 30333

Fax: (404) 929-1590

Patient identifier information (NOT transmitted to CDC)

Patient Name	Patient's full name
Phone	Patient's phone number
Patient Chart Number	Medical chart number for patient
Address	Patient's address including street and city
State, Zip	Patient's state of residence and zip code
Hospital Name	Name of the hospital where the patient is admitted or seen

Information obtained for confirmed and probable brucellosis cases

PATIENT & PHYSICIAN INFORMATION

State Case ID	Unique identifier given by the state health department.
Investigator	State health department investigator name.
Date Reported	Date the case was reported to state.
Physician	Primary health care provider name.
Phone	Primary health care provider phone number and/or pager.
NETSS Number	If case submitted to NETSS, include the NETSS-generated Case ID number.

DEMOGRAPHICS

State of Residence	Use the 2 letter postal abbreviation (e.g., NY) of patient's state of residence.
County of Residence	Patient's county of residence.
Age	Age of patient at time of diagnosis; indicate age unit as months or years.
Sex	Genetic sex of patient (i.e., male or female).
Pregnant	Pregnancy status at time of diagnosis.
Country of Birth	Indicate original country of birth, including U.S. born. If unknown, please enter "Unknown".
Ethnicity	Indicate ethnicity of patient.
Race	Race of patient as noted in the chart or reported by physician or infection control personnel (ICP). Multiple boxes may be checked. Do not make assumptions based on name or native language. If race is unknown, please check "Unknown".
Occupation	Indicate occupation at time of disease onset. Specify past occupation(s) if relevant.

CLINICAL INFORMATION AND TREATMENT

Disease Presentation	Disease presentation- a date determined by duration from onset of symptoms to date of diagnosis.
Symptoms, Signs, and Associated Diagnoses	Select patient-described symptoms and signs identified upon examination. Enter date of onset or diagnosis if known (mm/dd/yyyy). If exact date is unknown, an approximate date [e.g., mm/yyyy] is acceptable.
Hospitalized?	Indicate whether the patient was admitted to a hospital due to this illness. Enter admission and discharge date, if applicable.

Deceased?	Indicate if the patient died of this illness. Enter date if applicable.
Treatment and Duration	Select whether the patient has completed their treatment. Select the prescribed antimicrobial agents, amount, and duration for each. If prescribed other antimicrobials, enter the generic name, amount, and duration, if known. NOTE: If an agent is taken twice daily, enter the total prescribed mg/day (e.g., 100 mg BID- enter 200 mg/day).

RISK FACTORS

Travel	Select whether the patient traveled out of state or country in the past six months, and where and when if applicable.
Animal Contact	Select which animals and type of contact, if any, the patient had in the past 6 months.
Unpasteurized Dairy	Select if the patient consumed unpasteurized (raw) dairy in the past six months. Choose type of animal, owner of the animal the dairy came from, what products were eaten, and location of product.
Confirmed Case	Select if the patient is linked to a confirmed case. If yes, select the relationship to the patient.
Similar Illness	Select if the patient is aware of a contact having a similar illness. If yes, select the relationship to the patient.
Risk Status	If the patient had a known exposure to *Brucella*, indicate the exposure source and the location of exposure. Also indicate the assessed risk status of the exposure. Finally, if exposed to a *Brucella* vaccine, indicate to which vaccine the case was exposed. The CDC exposure guidelines are available at www.cdc.gov/mmwr/preview/mmwrhtml/mm5702a3.htm. If a laboratory exposure did occur, review these assessment, monitoring, and prophylaxis recommendations. For assistance, contact CDC at the phone number listed on page one.
Received Post-Exposure Prophylaxis (PEP)	If the patient was exposed to *Brucella*, indicate if the patient took PEP, or reasons for not taking PEP.
Completed PEP	If exposed, indicate if the patient completed the entire course of PEP as prescribed. CDC recommended PEP regimen is doxycycline 100 mg orally twice a day plus rifampin 600 mg orally once a day for 21 days.

LABORATORY DATA

NOTE: Complete a new Laboratory Data section for each laboratory receiving and processing patient samples. Leave the test field blank for each test not performed.	
Case Status	Indicate case classification. Confirmed and Probable cases must be reported to NETSS by the next regularly scheduled transmission cycle. CDC must be notified of multiple cases which are temporal/spatial clusters within 24 hours of the cases meeting the notification criteria (CSTE Position Statement 09-SI-04).
Laboratory Name	Enter the laboratory name and address which processed the sample. For each laboratory that processed the sample, start a new laboratory section. Submit a copy of page four for each laboratory involved in testing.
Received From	Enter the name, city, and state of the laboratory from which the specimen is received; include date of receipt.
Paired Serologic Tests	If a paired agglutination test was done, enter results in this table. If known, enter the agglutination test (SAT, BMAT, Tube AT). Indicate which titers were run- total antibody (complete) and/or IgG (reduced). Enter in the acute and convalescent titers. Indicate if one, both, or paired titers are positive. Enter the testing laboratory's positive cut-off value for the test. If a single titer was done, enter as an acute titer. For ELISA, indicate if IgG, IgM, or both titers were run. Enter in the acute and convalescent titers and if one, both, or paired titers are positive. Enter the testing laboratory's positive cut-off value for the test.
Date Collected	Enter the dates the acute and convalescent samples were collected.
Other Serologic Tests	Enter the value or titer in the row of the test completed, and whether the test was considered positive. If the test used is not listed, enter name and results in "Other". Indicate the laboratory's positive cut-off value for the test.
Other Tests	Select whether PCR and/or culture was attempted. Indicate the source of specimen used for the specified test. Enter the date of specimen collection, if the test was positive, and the species identified (e.g.: *abortus, canis, melitensis, suis,* other).
Specimen Cultured	Indicate if the specimen for culture was collected prior to administration of antimicrobial therapy.
Isolate Reported to CDC	Indicate if a culture-positive result of a select agent was reported to CDC, as required by regulation. Reporting requirements and forms are available at http://www.selectagents.gov/.
Laboratory Exposure	Select if laboratory workers were possibly exposed during specimen processing. The CDC exposure guidelines are available at www.cdc.gov/mmwr/preview/mmwrhtml/mm5702a3.htm. If a laboratory exposure did occur, review these assessment, monitoring, and prophylaxis recommendations. For assistance, contact CDC at the phone number listed on page one.
Exposure Reported to CDC	If a laboratory exposure occurred, indicate if the "release" of a select agent was reported to CDC, as required by regulation. Reporting requirements and forms are available at http://www.selectagents.gov/.
Specimens to CDC	Indicate if the specimen was sent to CDC for testing.
Specimen available	Indicate if the specimen is still available, if needed for future testing.

Reset Form

Reset Case ID Information

-BRUCELLOSIS CASE REPORT-

Case Name _____ **Phone** _____ **Medical Chart No.** _____
Address _____ **State, Zip** _____ **Hospital Name** _____

Remove case identifier information prior to transmission to CDC.

DEPARTMENT OF HEALTH
AND HUMAN SERVICES
Centers for Disease Control and Prevention
Atlanta, GA 30033

BRUCELLOSIS CASE REPORT FORM

Form Approved
OMB No. 0920-0004
Exp. Date 6/30/2013

- CASE & PHYSICIAN INFORMATION -

State Case ID _____ **Physician** _____ **Phone Number** _____
Investigator _____
Date Reported 09/09/2011 (mm/dd/yyyy) **NETSS ID No** (if notified): __ __ __ __ __ __-__ __ __ __-__ __ (CASE ID / SITE / STATE)

- DEMOGRAPHICS -

State of Residence _____ **County of Residence** _____ **Age** ____ ☐ mos ☐ yrs **Sex** ☐ Male ☐ Female ☐ Unknown

Pregnant ☐ Yes ☐ No ☐ Unknown **Country of Birth** _____ **Ethnicity** ☐ Hispanic ☐ Non-Hispanic ☐ Unknown

Race ☐ American Indian/ Alaskan Native ☐ Asian ☐ Black ☐ White ☐ Native Hawaiian or Other Pacific Islander ☐ Unknown ☐ Other: _____

Occupation ☐ Animal research ☐ Medical research ☐ Dairy ☐ Laboratory ☐ Wildlife ☐ Rancher ☐ Slaughterhouse ☐ Tannery/rendering ☐ Veterinarian/Vet Tech ☐ Lives with person of above occupation ☐ Other _____

- CLINICAL INFORMATION AND TREATMENT -

Disease Presentation ☐ Acute (0-8 weeks) ☐ Subacute (8 weeks - <1 yr) ☐ Chronic (1 yr+) ☐ Unknown

Symptoms, Signs, and Associated Diagnoses (indicate **date of onset** or **diagnosis (mm/dd/yyyy)**):

Yes	No	Unk	Symptom	Date Onset
☐	☐	☐	Fever	_____
			Max temp:_____ (circle) °F or °C	
☐	☐	☐	Night sweats	_____
☐	☐	☐	Arthralgia	_____
☐	☐	☐	Headache	_____
☐	☐	☐	Fatigue	_____

Yes	No	Unk	Symptom/Sign	Date Diagnosis
☐	☐	☐	Anorexia	_____
☐	☐	☐	Myalgia	_____
☐	☐	☐	Weight loss	_____
☐	☐	☐	Endocarditis	_____
☐	☐	☐	Orchitis	_____
☐	☐	☐	Epididymitis	_____

Yes	No	Unk	Signs	Date of Diagnosis
☐	☐	☐	Hepatomegaly	_____
☐	☐	☐	Splenomegaly	_____
☐	☐	☐	Arthritis	_____
☐	☐	☐	Meningitis	_____
☐	☐	☐	Spondylitis	_____
☐	☐	☐	Other:_____	_____

Was the case hospitalized because of this illness? ☐ Yes ☐ No ☐ Unknown If yes, admission date: _____ (mm/dd/yyyy) If applicable, discharge date: _____ (mm/dd/yyyy)

Is the case deceased? ☐ Yes ☐ No ☐ Unknown If yes, date of death: _____ (mm/dd/yyyy):

Treatment and Duration (check all that apply): ☐ Currently under treatment ☐ Completed treatment ☐ Not treated

☐ Doxycycline _____mg/day ___days ☐ Other: _____ _____mg/day _____days
☐ Rifampin _____mg/day ___days ☐ Other: _____ _____mg/day _____days
☐ Streptomycin _____mg/day ___days ☐ Other: _____ _____mg/day _____days

- RISK FACTORS -

In the 6 months prior to illness onset, did the case: **Travel outside state of residence?** ☐ Yes ☐ No ☐ Unknown

If Yes, where? _____ **Dates of travel** _____ to _____ (mm/dd/yyyy)
If Yes, where? _____ **Dates of travel** _____ to _____ (mm/dd/yyyy)

Have contact with animals? ☐ Yes ☐ No ☐ Unknown **Who owns the animal(s)?**

Type of contact	Cattle	Pig	Goat	Sheep	Dog	Deer	Bison	Elk	Other	Case	Private	Wild	Commercial	Unknown
Birthing/animal products	☐	☐	☐	☐	☐	☐	☐	☐	☐ _____	☐	☐	☐	☐	☐
Skinning/slaughter	☐	☐	☐	☐	☐	☐	☐	☐	☐ _____	☐	☐	☐	☐	☐
Hunting	☐	☐	☐	☐	☐	☐	☐	☐	☐ _____	☐	☐	☐	☐	☐
Other:_____	☐	☐	☐	☐	☐	☐	☐	☐	☐ _____	☐	☐	☐	☐	☐

Consume unpasteurized dairy or undercooked meat? ☐ Yes ☐ No ☐ Unknown **In what country was the product acquired?**

Type of food product	Cattle	Pig	Goat	Sheep	Dog	Deer	Bison	Elk	Other	U.S.	Other	Other
Milk	☐	☐	☐	☐	☐	☐	☐	☐	☐ _____	☐	☐ _____	☐ _____
Fresh/soft cheese	☐	☐	☐	☐	☐	☐	☐	☐	☐ _____	☐	☐ _____	☐ _____
Undercooked meat	☐	☐	☐	☐	☐	☐	☐	☐	☐ _____	☐	☐ _____	☐ _____
Other: _____	☐	☐	☐	☐	☐	☐	☐	☐	☐ _____	☐	☐ _____	☐ _____

Have a link to a confirmed case? ☐ Yes ☐ No ☐ Unknown
Know of similar illness in contact? ☐ Yes ☐ No ☐ Unknown
Who? ☐ Household ☐ Neighbor ☐ Coworker ☐ Other:_____

Have an exposure to a *Brucella?* ☐ Clinical specimen ☐ Isolate ☐ Vaccine ☐ Unknown **Where did the exposure occur?** ☐ Clinical setting ☐ Laboratory ☐ Farm/Ranch ☐ Surgery ☐ Unknown ☐ Other:_____

Exposure Risk Status: ☐ High ☐ Low ☐ Unknown **If exposed to vaccine, Indicate which:** ☐ S19 ☐ RB51 ☐ Rev1 ☐ Other

Receive post-exposure prophylaxis (PEP)? ☐ Yes ☐ No ☐ Unknown **If no, why not?** ☐ Unaware of exposure ☐ Unavailable ☐ Allergic ☐ Pregnant ☐ Unknown ☐ Other: _____

If yes, did case complete course? ☐ Yes ☐ No ☐ Unknown ☐ Partial *explain*:_____

Public reporting burden of this collection of information is estimated to average 10 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. An agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a currently valid OMB control number. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to CDC/ATSDR Information Collection Review Office, 1600 Clifton Road NE, MS D-74, Atlanta, Georgia 30333; ATTN: PRA (0920-0004).

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- CASE DEFINITION (2010) -

Confirmed: A clinically compatible illness with definitive laboratory evidence (i.e.: culture and identification of *Brucella* spp. from clinical specimens OR serological evidence of a fourfold rise in *Brucella* antibody titer in paired acute and convalescent serum specimens greater than or equal to 2 weeks apart).
Probable: A clinically compatible illness epidemiologically linked to a documented *Brucella* case OR has presumptive laboratory evidence (i.e.: *Brucella* total antibody titer of greater than or equal to 160 by standard tube agglutination test (SAT) or *Brucella* microagglutination test (BMAT) in one or more serum specimens obtained after onset of symptoms OR detection of *Brucella* DNA in a clinical specimen by PCR assay).

- LABORATORY DATA -

NOTE: Complete a new Laboratory Data section for each laboratory receiving and processing case samples. Print extra copies if necessary. Leave the test field blank for each test not performed.

Case Status ☐ Culture confirmed ☐ Serologically confirmed ☐ Probable

Laboratory Name: _____ City: _____ State: _____ Zip: _____

Received From: _____ City: _____ State: _____ Date Received (mm/dd/yyyy): _____

Below, indicate Yes or No **only** if the test or procedure was performed. Lack of selection indicates that the test was not performed.

Paired Serologic Tests	Titers	Acute Titer	Convalescent Titer	Positive?	Positive Cut-off:
Agglutination Test: _____	☐ Total antibody ☐ IgG	__:_____ __:_____	__:_____ __:_____	☐ Yes ☐ No ☐ Unknown ☐ Yes ☐ No ☐ Unknown	
ELISA: _____	☐ IgG ☐ IgM	__:_____ __:_____	__:_____ __:_____	☐ Yes ☐ No ☐ Unknown ☐ Yes ☐ No ☐ Unknown	
Date Sample Collected:	**Acute:** _____		**Convalescent:** _____		

Other Serologic Tests	Titer or Value	Positive?	Positive Cut-off
Rose Bengal	__:_____	☐ Yes ☐ No ☐ Unknown	
Coombs IgG	__:_____	☐ Yes ☐ No ☐ Unknown	
Other: _____	__:_____	☐ Yes ☐ No ☐ Unknown	
Other: _____	(_ _ _ _)	☐ Yes ☐ No ☐ Unknown	

Other Tests	Source of Specimen	Date Collected	Positive?	Species
PCR	☐ Blood ☐ Abscess/wound ☐ Bone Marrow ☐ CSF ☐ Other: _____	_____	☐ Yes ☐ No ☐ Unknown	
Culture	☐ Blood ☐ Abscess/wound ☐ Bone Marrow ☐ CSF ☐ Other: _____	_____	☐ Yes ☐ No ☐ Unknown	

Was the specimen for culture collected prior to antimicrobial therapy? ☐ Yes ☐ No ☐ Unknown

If culture positive, was the identification of a select agent reported to CDC? ☐ Yes ☐ No ☐ Unknown

Did a possible laboratory exposure occur? ☐ Yes ☐ No ☐ Unknown If yes, was it reported to CDC? ☐ Yes ☐ No ☐ Unknown

Were specimens sent to CDC for testing? ☐ Yes ☐ No ☐ Unknown Is the specimen still available? ☐ Yes ☐ No ☐ Unknown

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