

## Free Living Ameba Case Report

Date of Report: \_\_\_\_\_

### Demographics

<b>Patient's Name (Last, First M.I.):</b> _____		<b>Age (in years):</b> _____
<b>Gender:</b>	<input type="checkbox"/> Male	<input type="checkbox"/> Female <input type="checkbox"/> Unknown
<b>Ethnicity:</b>	<input type="checkbox"/> Hispanic	<input type="checkbox"/> Non-Hispanic <input type="checkbox"/> Unknown
<b>Race:</b>	<input type="checkbox"/> American Indian/Alaska Native	<input type="checkbox"/> Asian/Pacific Islander <input type="checkbox"/> Black
	<input type="checkbox"/> Unknown	<input type="checkbox"/> White <input type="checkbox"/> Other, specify: _____
<b>County/ State of Residence:</b> _____ / _____		<b>County/ State of Treatment:</b> _____ / _____

### Exposure History

County/State of Suspected Exposure: \_\_\_\_\_ / \_\_\_\_\_      Number of persons exposed (*if known*): \_\_\_\_\_

**Source of possible exposure, if known** (please check all that apply and provide best estimates of dates):

<b>Recreational Water Exposures</b>	<b>Type:</b>	<b>Date(s):</b>	<b>Type:</b>	<b>Date(s):</b>	<b>Type:</b>	<b>Date(s):</b>		
<input type="checkbox"/> Yes	<input type="checkbox"/> Canal	_____	<input type="checkbox"/> Private Club Pool	_____	<input type="checkbox"/> Community Pool	_____		
<input type="checkbox"/> No	<input type="checkbox"/> Lake	_____	<input type="checkbox"/> Private Home Pool	_____	<input type="checkbox"/> Apartment Pool	_____		
<input type="checkbox"/> Unknown	<input type="checkbox"/> Pond	_____	<input type="checkbox"/> Fill-and-Drain Pool	_____	<input type="checkbox"/> Fountain	_____		
<b>If yes, please fill out which types.</b>	<input type="checkbox"/> Ocean	_____	<input type="checkbox"/> Hotel Pool	_____	<input type="checkbox"/> Water Park	_____		
	<input type="checkbox"/> River/Stream	_____	<input type="checkbox"/> Spring (hot/cold)	_____				
	<input type="checkbox"/> Well	_____	<input type="checkbox"/> Spa/Hot tub/Whirlpool	_____				
	<input type="checkbox"/> Other, specify: _____			Date(s): _____				
<b>Recreational Water Activities</b>	<b>Type:</b>	Yes	No	Unknown		Yes	No	Unknown
<input type="checkbox"/> Yes	Diving into water	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Snorkeling/Scuba diving	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> No	Inhaled water	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Swimming	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Unknown	Jumped into water	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Water sports (skiing etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>If yes, please fill out which types.</b>	Swallowed water	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Wore nose clip or plugged nose when jumping/diving	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Splashed water	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Other, specify: _____			
<b>Nasal Irrigation</b>	<b>Type:</b>	<b>Date(s):</b>						
<input type="checkbox"/> Yes	<input type="checkbox"/> Neti pot	_____						
<input type="checkbox"/> No	<input type="checkbox"/> Squeeze bottle	_____						
<input type="checkbox"/> Unknown	<input type="checkbox"/> Shower nozzle	_____						
<b>If yes, please fill out which types.</b>	<input type="checkbox"/> Other, specify: _____	_____						
<b>Soil Exposures</b>	<b>Type:</b>	<b>Date(s):</b>		<b>Occupational Exposures</b>	<b>Type:</b>			
<input type="checkbox"/> Yes	<input type="checkbox"/> Gardening	_____		<input type="checkbox"/> Yes	<input type="checkbox"/> Farmer/Rancher			
<input type="checkbox"/> No	<input type="checkbox"/> Composting	_____		<input type="checkbox"/> No	<input type="checkbox"/> Firefighter			
<input type="checkbox"/> Unknown	<input type="checkbox"/> Farm/Ranch	_____		<input type="checkbox"/> Unknown	<input type="checkbox"/> Lifeguard/Pool attendant			
<b>If yes, please fill out which types.</b>	<input type="checkbox"/> Other, specify: _____	_____		<b>If yes, please fill out which types.</b>	<input type="checkbox"/> Other, specify: _____			

**Travel history last 2 years:**     Yes     No     Unknown      **If yes, please specify in table below:**

Locations:	Date(s) (from-to):

### Past Medical History

Please check all conditions/symptoms that patient has currently or has had within past 2 years:

<b>Treatment/Drugs:</b>	<b>HIV/AIDS:</b>
<input type="checkbox"/> Illicit drug use, specify: _____	HIV <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown
<input type="checkbox"/> Immunosuppressants	AIDS <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown
<input type="checkbox"/> Radiation therapy	On Antiretrovirals <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown
<input type="checkbox"/> Steroid use	CD4 count (per mm <sup>3</sup> ): _____

<b>Other Immunocompromised Conditions:</b>	
<input type="checkbox"/> Alcohol misuse	<input type="checkbox"/> Diabetes mellitus
<input type="checkbox"/> G6PD deficiency	<input type="checkbox"/> Liver cirrhosis
<input type="checkbox"/> Malnourishment	<input type="checkbox"/> Pregnancy (recent)
<input type="checkbox"/> Renal failure	<input type="checkbox"/> Lymphoproliferative disease
<input type="checkbox"/> Systemic Lupus Erythematosus (SLE)	
<input type="checkbox"/> Cancer, specify: _____	
<input type="checkbox"/> Other hematologic disease, specify: _____	
<input type="checkbox"/> Other autoimmune disease, specify: _____	
<input type="checkbox"/> Organ transplant, specify: _____	

<b>ENT/Respiratory:</b>		<b>Other Conditions:</b>
<input type="checkbox"/> Otitis	<input type="checkbox"/> Sinusitis	<input type="checkbox"/> Dermatitis
<input type="checkbox"/> Rhinitis	<input type="checkbox"/> Epistaxis	<input type="checkbox"/> Skin infection
<input type="checkbox"/> Broken nose	<input type="checkbox"/> Nasal surgery	<input type="checkbox"/> Eye infection
<input type="checkbox"/> Deviated septum		<input type="checkbox"/> Other, specify: _____

### Current Illness

Date of illness onset: \_\_\_\_\_ Duration of illness: (in days): \_\_\_\_\_

Was patient admitted to hospital for current illness?  Yes  No  Unknown

If **yes**, date of most recent hospitalization: \_\_\_\_\_ Duration of most recent hospitalization (in days): \_\_\_\_\_

If **yes**, other hospitalizations in the past 30 days:  Yes  No  Unknown

<b>Dates (from-to)</b>	<b>Diagnosis</b>

### History of Present Illness

Please provide a brief description of the patient's clinical course, prior to hospitalization:

**Signs/Symptoms**

**Vital Signs:**

Temperature: \_\_\_\_ F / C      Pulse: \_\_\_\_ bpm      Respiration: \_\_\_\_ breaths/min      BP: \_\_\_\_ mmHg

**General:**

**Visual:**

	Duration (days)		Duration (days)		Duration (days)
<input type="checkbox"/> Abnormal reflexes	_____	<input type="checkbox"/> Lethargy/fatigue	_____	<input type="checkbox"/> Blurred vision	_____
<input type="checkbox"/> Anorexia	_____	<input type="checkbox"/> Myalgia	_____	<input type="checkbox"/> Diplopia	_____
<input type="checkbox"/> Back pain	_____	<input type="checkbox"/> Nausea	_____	<input type="checkbox"/> Photophobia	_____
<input type="checkbox"/> Cough	_____	<input type="checkbox"/> Shortness of breath	_____	<input type="checkbox"/> Other visual changes, specify: _____	_____
<input type="checkbox"/> Disorientation	_____	<input type="checkbox"/> Stiff neck	_____		
<input type="checkbox"/> Fever	_____	<input type="checkbox"/> Vomiting	_____		
<input type="checkbox"/> Headache	_____	<input type="checkbox"/> Weight loss	_____		
<input type="checkbox"/> Other general symptom/sign, specify: _____	_____				

**Neurologic:**

	Duration (days)		Duration (days)		Duration (days)
<input type="checkbox"/> Altered mental status	_____	<input type="checkbox"/> Cranial nerve VI deficit	_____	<input type="checkbox"/> Hemiparesis	_____
<input type="checkbox"/> Altered sense of smell	_____	<input type="checkbox"/> Cranial nerve VII deficit	_____	<input type="checkbox"/> Hyperreflexia	_____
<input type="checkbox"/> Altered sense of taste	_____	<input type="checkbox"/> Cranial nerve XII deficit	_____	<input type="checkbox"/> Loss of balance	_____
<input type="checkbox"/> Aphasia	_____	<input type="checkbox"/> Decerebrate posturing	_____	<input type="checkbox"/> Numbness	_____
<input type="checkbox"/> Ataxia	_____	<input type="checkbox"/> Decorticate posturing	_____	<input type="checkbox"/> Nystagmus	_____
<input type="checkbox"/> Behavioral change	_____	<input type="checkbox"/> Dysphagia	_____	<input type="checkbox"/> Seizures	_____
<input type="checkbox"/> Coma	_____	<input type="checkbox"/> Facial numbness	_____	<input type="checkbox"/> Upgoing toes	_____
<input type="checkbox"/> Combativeness	_____	<input type="checkbox"/> Fixed or dilated pupils	_____	<input type="checkbox"/> Weakness	_____
<input type="checkbox"/> Confusion	_____	<input type="checkbox"/> Hallucinations	_____		
<input type="checkbox"/> Other cranial nerve deficit, specify: _____	_____			<input type="checkbox"/> Other neurologic deficit, specify: _____	_____

**Skin Lesions:**    Yes    No    Unknown   **If yes, please specify in table below:**

Lesion type	Anatomic location	Size	Number	Duration (days)
Ulcers				
Plaques				
Erythematous nodules				
Other				

**Other Symptoms/Signs:**

Other, specify: \_\_\_\_\_

**Diagnostic Tests:** Note please provide dates when possible. If date not available, provide hospital day (i.e. CSF tap on Hosp. Day 2)

**General CSF Testing:**

CSF	Date: _____	Date: _____	Date: _____
	Results	Results	Results
Opening pressure (mmH <sub>2</sub> O)			
WBC count (per mm <sup>3</sup> )			
RBC count (per mm <sup>3</sup> )			
Neutrophil %			
Monocyte %			
Lymphocyte %			
Bands %			
Eosinophil %			
Protein (mg/100ml)			
Glucose (mg/100ml)			

**Diagnostic Testing:**

When was laboratory testing performed?    Antemortem    Postmortem    Both    Unknown

Pathogen	Tissue type	Test method	Detected pathogen?
<b><i>Acanthamoeba</i></b>	Bone	Visualized amebas by nonspecific staining	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Did not test
		Indirect immunofluorescence (IIF)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Did not test
		Immunohistochemistry (IHC)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Did not test
		Polymerase chain reaction (PCR)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Did not test
	Brain	Visualized amebas by nonspecific staining	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Did not test
		Indirect immunofluorescence (IIF)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Did not test
		Immunohistochemistry (IHC)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Did not test
		Polymerase chain reaction (PCR)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Did not test
	CSF	Visualized amebas on wet mount or stained CSF	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Did not test
		Indirect immunofluorescence (IIF)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Did not test
		Polymerase chain reaction (PCR)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Did not test
	Eye	Visualized amebas by nonspecific staining	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Did not test
		Indirect immunofluorescence (IIF)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Did not test
		Immunohistochemistry (IHC)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Did not test
		Polymerase chain reaction (PCR)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Did not test
	Lung	Visualized amebas by nonspecific staining	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Did not test
		Indirect immunofluorescence (IIF)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Did not test
		Immunohistochemistry (IHC)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Did not test
		Polymerase chain reaction (PCR)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Did not test
	Sinus	Visualized amebas by nonspecific staining	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Did not test
		Indirect immunofluorescence (IIF)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Did not test
		Immunohistochemistry (IHC)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Did not test
		Polymerase chain reaction (PCR)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Did not test
	Skin	Visualized amebas by nonspecific staining	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Did not test
Indirect immunofluorescence (IIF)		<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Did not test	
Immunohistochemistry (IHC)		<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Did not test	
Polymerase chain reaction (PCR)		<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Did not test	

Other tissue type Specify testing: _____ Specify testing: _____ Specify testing: _____	<input type="checkbox"/> Did not test <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Did not test <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Did not test <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Did not test	
Serology performed?	Positive titer? <b>If yes, specify titer:</b> _____	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Did not test <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Did not test
<b><i>Balamuthia</i></b>		
Brain	Visualized amebas by nonspecific staining Indirect immunofluorescence (IIF) Immunohistochemistry (IHC) Polymerase chain reaction (PCR)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Did not test <input type="checkbox"/> Did not test <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Did not test <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Did not test <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Did not test <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Did not test
CSF	Visualized amebas on wet mount or stained CSF Indirect immunofluorescence (IIF) Polymerase chain reaction (PCR)	<input type="checkbox"/> Did not test <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Did not test <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Did not test <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Did not test
Sinus	Visualized amebas by nonspecific staining Indirect immunofluorescence (IIF) Immunohistochemistry (IHC) Polymerase chain reaction (PCR)	<input type="checkbox"/> Did not test <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Did not test <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Did not test <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Did not test <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Did not test
Skin	Visualized amebas by nonspecific staining Indirect immunofluorescence (IIF) Immunohistochemistry (IHC) Polymerase chain reaction (PCR)	<input type="checkbox"/> Did not test <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Did not test <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Did not test <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Did not test <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Did not test
Other tissue type Specify testing: _____ Specify testing: _____ Specify testing: _____	<input type="checkbox"/> Did not test <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Did not test <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Did not test <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Did not test	
Serology performed?	Positive titer? <b>If yes, specify titer:</b> _____	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Did not test <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Did not test
<b><i>Naegleria fowleri</i></b>		
Blood	Visualized amebas by nonspecific staining Indirect immunofluorescence (IIF) Immunohistochemistry (IHC) Polymerase chain reaction (PCR)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Did not test <input type="checkbox"/> Did not test <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Did not test <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Did not test <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Did not test <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Did not test
Brain	Visualized amebas by nonspecific staining Indirect immunofluorescence (IIF) Immunohistochemistry (IHC) Polymerase chain reaction (PCR)	<input type="checkbox"/> Did not test <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Did not test <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Did not test <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Did not test <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Did not test
CSF	Visualized amebas on wet mount or stained CSF Indirect immunofluorescence (IIF) Polymerase chain reaction (PCR)	<input type="checkbox"/> Did not test <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Did not test <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Did not test <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Did not test
Other tissue type Specify testing: _____ Specify testing: _____ Specify testing: _____	<input type="checkbox"/> Did not test <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Did not test <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Did not test <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Did not test	
Serology performed?	Positive titer? <b>If yes, specify titer:</b> _____	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Did not test <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Did not test

**Diagnostic Imaging:**

Was diagnostic imaging performed?  Yes  No  Unknown

If **yes**, what imaging was performed?  CT  MRI  Unknown

If **yes**, was imaging abnormal?  Yes  No  Unknown

If **yes**, please send imaging report to [bit9@cdc.gov](mailto:bit9@cdc.gov) using an encrypted email service or fax to 404-471-8364.

**Treatment:**

**Surgical resection:**  Yes  No  Unknown

**Medications:** (please check all that apply)

<input type="checkbox"/> Acyclovir	<input type="checkbox"/> Fluconazole	<input type="checkbox"/> Rifampin
<input type="checkbox"/> Albendazole	<input type="checkbox"/> Flucytosine	<input type="checkbox"/> Steroid, specify _____
<input type="checkbox"/> Amphotericin B	<input type="checkbox"/> Isoniazid	<input type="checkbox"/> Streptomycin
<input type="checkbox"/> Amphotericin B lipid complex	<input type="checkbox"/> Itraconazole	<input type="checkbox"/> Sulfonamide, specify _____
<input type="checkbox"/> Amphotericin B liposomal	<input type="checkbox"/> Ketoconazole	<input type="checkbox"/> Sulfadiazine
<input type="checkbox"/> Azithromycin	<input type="checkbox"/> Mannitol	<input type="checkbox"/> Topical chlorhexidine
<input type="checkbox"/> Ceftriaxone	<input type="checkbox"/> Metronidazole	<input type="checkbox"/> Trimethoprim/sulfa
<input type="checkbox"/> Ciprofloxacin	<input type="checkbox"/> Miconazole	<input type="checkbox"/> Voriconazole
<input type="checkbox"/> Chloramphenicol	<input type="checkbox"/> Miltefosine	<input type="checkbox"/> Other, specify _____
<input type="checkbox"/> Clarithromycin	<input type="checkbox"/> Ornidazole	<input type="checkbox"/> Other, specify _____
<input type="checkbox"/> Dexamethasone (or other steroid)	<input type="checkbox"/> Pentamidine	<input type="checkbox"/> Other, specify _____
<input type="checkbox"/> Ethambutol	<input type="checkbox"/> Pyrimethamine	<input type="checkbox"/> Other, specify _____

**If you checked any of the medications listed above, please list below with the start and stop dates, dosages, and route of administration.**

Medication	Start date:	Stop date:	Dose Range	Route of Administration

**Outcome:**

Survived?  Yes  No  Unknown

If survived, residual neurologic deficits?  Yes  No  Unknown

If yes, please describe neurologic deficits: \_\_\_\_\_

Date of discharge: \_\_\_\_\_ OR Date of death: \_\_\_\_\_

If died: Cause of death:

- Brain death
- Cardiorespiratory failure
- Herniation
- Removed life support
- Other, specify: \_\_\_\_\_

If died: Organs transplanted?  Yes  No  Unknown

If yes, which organs: \_\_\_\_\_

Please provide a brief description of the patient's clinical course, complications, and any additional comments:

**CDC USE ONLY:**

**Final diagnosis:**

- GAE (*Acanthamoeba* spp.)
- Disseminated acanthamoebiasis
- Acanthamoeba rhinosinusitis
- Cutaneous acanthamoebiasis
- GAE (*Balamuthia mandillaris*)
- Disseminated balamuthiasis
- Balamuthia rhinosinusitis
- Cutaneous balamuthiasis
- PAM (*Naegleria fowleri*)
- Other, specify: \_\_\_\_\_

1 <sup>st</sup> DASH #	
2 <sup>nd</sup> DASH #	
3 <sup>rd</sup> DASH #	
4 <sup>th</sup> DASH #	
5 <sup>th</sup> DASH #	
List additional DASH #s:	

Case report citation 1	
Case report citation 2	
List additional case citations	

**Calculated durations:**

Incubation period (days): \_\_\_\_\_  
 Illness Onset to Admission (days): \_\_\_\_\_  
 Illness Onset to Death (days): \_\_\_\_\_  
 Exposure to Death (days): \_\_\_\_\_  
 Clinical Stage at presentation: \_\_\_\_\_