

Free Living Ameba Case Report

Date of Report: _____

Demographics

Patient's Last Name		First	M.I.	Age	Gender: <input type="checkbox"/> Male <input type="checkbox"/> Female <input type="checkbox"/> Unknown
Ethnicity: <input type="checkbox"/> Hispanic <input type="checkbox"/> Unknown <input type="checkbox"/> Non-Hispanic		Race: <input type="checkbox"/> White <input type="checkbox"/> Asian/Pacific Islander <input type="checkbox"/> Unknown <input type="checkbox"/> Black <input type="checkbox"/> American Indian <input type="checkbox"/> Other _____		County and State of Residence: _____ County and State of Treatment: _____	
Immigrant? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown		Country of origin: _____		Date of immigration: _____	Occupation: _____

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)

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

Route of Entry if known: (please check all that apply) Inhalation Contact Other, specify: _____
 Ingestion Via Wound

If Water Source, Please List Source Characteristics:

Name of Water Exposure: _____ Geospatial Coordinates: _____ Thermally Polluted: Y / N
 Size of Body Water: < 10 acres 10-100 acres >100 acres Unknown
 Water Turbidity: Clear Cloudy Murky Unknown
 Water level: Low High Normal Flood Stage Unknown
 Flow Rate: Slow Normal Fast Unknown
 Ambient Air Temperature: ____ F/C Water Temperature: ____ F/C Depth: _____

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

Locations	Dates (from – to)

Past Medical History:

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

Treatment/drugs:

- Excessive antibiotic use (specify in Provider comments)
- Illegal drug use, specify: _____
- Immunosuppressants
- Radiation therapy
- Steroid use

HIV/AIDS:

HIV	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Unknown
AIDS	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Unknown
On Antiretrovirals	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Unknown

Other Immunocompromised Conditions

- Alcohol misuse Diabetes mellitus
- G6PD deficiency Liver cirrhosis
- Malnourishment Pregnancy (recent)
- Renal failure Lymphoproliferative disease
- Systemic Lupus Erythematosus (SLE)
- Cancer, specify: _____
- Other hematologic disease, specify: _____
- Other autoimmune disease, specify: _____
- Organ transplant, specify: _____

ENT/Respiratory:

- Otitis
- Rhinitis
- Broken Nose
- Deviated septum
- Tuberculosis
- Other lung disease, specify: _____

Other Conditions:

- Sinusitis
- Epistaxis
- Nasal Surgery
- Pharyngitis
- Pneumonitis
- Dermatitis
- Skin infections
- Eye infection
- Other, specify: _____
- Injury, 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): _____

Hospital Name: _____ City: _____ State: _____

Physician Name 1: _____ E-mail (if avail): _____ Phone: _____

Physician Name 2: _____ E-mail (if avail): _____ Phone: _____

Other Recent Hospitalizations: Yes No Unknown

Dates (from- to)	Diagnosis

History of Present Illness:

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

Signs/Symptoms on Presentation (most recent hospitalization):

Vital Signs:

Temperature: _____ F / C P: _____ bpm R= _____ breaths/min BP: _____ mmHg

General:

- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--------------------|--|--------------------|--------------------|--------------------------------|-------|----------------------------------|-------|---------------------------------|-------|------------------------------------|-------|-----------------------------------|-------|--------------------------------|-------|-----------------------------------|-------|--|-------|--------------------------------------|-------|---|-------|-----------------------------------|-------|--|-------|-----------------------------------|-------|---|-------|-------------------------------------|-------|---|-------|---|--|--|--|--|
| <table border="0"> <tr> <td style="width: 50%;"></td> <td style="text-align: center;">Duration
(days)</td> <td style="width: 50%;"></td> <td style="text-align: center;">Duration
(days)</td> </tr> <tr> <td><input type="checkbox"/> Fever</td> <td style="text-align: center;">_____</td> <td><input type="checkbox"/> Myalgia</td> <td style="text-align: center;">_____</td> </tr> <tr> <td><input type="checkbox"/> Nausea</td> <td style="text-align: center;">_____</td> <td><input type="checkbox"/> Back Pain</td> <td style="text-align: center;">_____</td> </tr> <tr> <td><input type="checkbox"/> Vomiting</td> <td style="text-align: center;">_____</td> <td><input type="checkbox"/> Cough</td> <td style="text-align: center;">_____</td> </tr> <tr> <td><input type="checkbox"/> Diarrhea</td> <td style="text-align: center;">_____</td> <td><input type="checkbox"/> Shortness of breath</td> <td style="text-align: center;">_____</td> </tr> <tr> <td><input type="checkbox"/> Weight loss</td> <td style="text-align: center;">_____</td> <td><input type="checkbox"/> Sinus problems</td> <td style="text-align: center;">_____</td> </tr> <tr> <td><input type="checkbox"/> Anorexia</td> <td style="text-align: center;">_____</td> <td><input type="checkbox"/> Abnormal reflexes</td> <td style="text-align: center;">_____</td> </tr> <tr> <td><input type="checkbox"/> Headache</td> <td style="text-align: center;">_____</td> <td><input type="checkbox"/> Disorientation</td> <td style="text-align: center;">_____</td> </tr> <tr> <td><input type="checkbox"/> Stiff neck</td> <td style="text-align: center;">_____</td> <td><input type="checkbox"/> Lethargy/fatigue</td> <td style="text-align: center;">_____</td> </tr> <tr> <td colspan="2"><input type="checkbox"/> Other general symptom/sign, specify: _____</td> <td colspan="2"></td> </tr> </table> | | Duration
(days) | | Duration
(days) | <input type="checkbox"/> Fever | _____ | <input type="checkbox"/> Myalgia | _____ | <input type="checkbox"/> Nausea | _____ | <input type="checkbox"/> Back Pain | _____ | <input type="checkbox"/> Vomiting | _____ | <input type="checkbox"/> Cough | _____ | <input type="checkbox"/> Diarrhea | _____ | <input type="checkbox"/> Shortness of breath | _____ | <input type="checkbox"/> Weight loss | _____ | <input type="checkbox"/> Sinus problems | _____ | <input type="checkbox"/> Anorexia | _____ | <input type="checkbox"/> Abnormal reflexes | _____ | <input type="checkbox"/> Headache | _____ | <input type="checkbox"/> Disorientation | _____ | <input type="checkbox"/> Stiff neck | _____ | <input type="checkbox"/> Lethargy/fatigue | _____ | <input type="checkbox"/> Other general symptom/sign, specify: _____ | | | | |
| | Duration
(days) | | Duration
(days) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Fever | _____ | <input type="checkbox"/> Myalgia | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Nausea | _____ | <input type="checkbox"/> Back Pain | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Vomiting | _____ | <input type="checkbox"/> Cough | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Diarrhea | _____ | <input type="checkbox"/> Shortness of breath | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Weight loss | _____ | <input type="checkbox"/> Sinus problems | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Anorexia | _____ | <input type="checkbox"/> Abnormal reflexes | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Headache | _____ | <input type="checkbox"/> Disorientation | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Stiff neck | _____ | <input type="checkbox"/> Lethargy/fatigue | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Other general symptom/sign, specify: _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Visual

- | | |
|--|--------------------|
| | Duration
(days) |
| <input type="checkbox"/> Blurred vision | _____ |
| <input type="checkbox"/> Diplopia | _____ |
| <input type="checkbox"/> Photophobia | _____ |
| <input type="checkbox"/> Other visual changes, specify:
_____ | _____ |

Neurologic:

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

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: _____

Signs/Symptoms developed while in hospital:

General:

- Fever
- Nausea
- Vomiting
- Diarrhea
- Weight loss
- Anorexia
- Headache
- Stiff neck
- Other general symptom/sign, specify: _____
- Myalgia
- Back Pain
- Cough
- Shortness of breath
- Sinus problems
- Abnormal Reflexes
- Disorientation
- Lethargy/fatigue

Visual :

- Blurred vision
- Diplopia
- Photophobia
- Other visual changes, specify: _____

Neurologic:

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

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

Lesion type	Anatomic location	Size	Number
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)

LABORATORY TESTING

CSF	Date _____	Date _____	Date _____
	Results	Results	Results
Opening pressure (mmH2O)			
WBC count (per mm ³)			
RBC count (per mm ³)			
Neutrophil %			
Monocyte %			
Lymphocyte %			
Bands %			
Eosinophil %			
Protein (mg/100ml)			
Glucose (mg/100ml)			
CSF Culture: *			
CSF PCR: *			
CSF latex agglutination: *			
CSF mount: <i>Please indicate preparation type and findings, if any</i>	<input type="checkbox"/> Centrifuged <input type="checkbox"/> Stained <input type="checkbox"/> Wet Amebae present? Y <input type="checkbox"/> N <input type="checkbox"/>	<input type="checkbox"/> Centrifuged <input type="checkbox"/> Stained <input type="checkbox"/> Wet Amebae present? Y <input type="checkbox"/> N <input type="checkbox"/>	<input type="checkbox"/> Centrifuged <input type="checkbox"/> Stained <input type="checkbox"/> Wet Amebae present? Y <input type="checkbox"/> N <input type="checkbox"/>

* Please provide results for all bacteria, viral and/or parasitic testing.

Presenting Lab Values: Date: _____

	Results
RBC count (per mm ³)	
Hematocrit %	
WBC count (per mm ³)	
Neutrophil %	
Lymphocyte %	
Monocyte %	
Eosinophil %	
Bands %	
CD4 count (per mm ³)	
Protein (mg/100ml)	
Sodium (mEq/L)	
Potassium (mEq/L)	
Chloride (mEq/L)	
Bicarbonate (mEq/L)	
BUN (mg/100ml)	
Creatinine (mg/100ml)	
Glucose (mg/100ml)	

Cultures for Free Living Amebae:

Source	Date	Result	
<input type="checkbox"/> Blood		<input type="checkbox"/> Negative	<input type="checkbox"/> + Balamuthia
		<input type="checkbox"/> + Naegleria	<input type="checkbox"/> + Acanthamoeba
<input type="checkbox"/> Skin		<input type="checkbox"/> Negative	<input type="checkbox"/> + Balamuthia
		<input type="checkbox"/> + Naegleria	<input type="checkbox"/> + Acanthamoeba
<input type="checkbox"/> Brain		<input type="checkbox"/> Negative	<input type="checkbox"/> + Balamuthia
		<input type="checkbox"/> + Naegleria	<input type="checkbox"/> + Acanthamoeba
<input type="checkbox"/> Abscess		<input type="checkbox"/> Negative	<input type="checkbox"/> + Balamuthia
		<input type="checkbox"/> + Naegleria	<input type="checkbox"/> + Acanthamoeba
<input type="checkbox"/> Other, specify: _____		<input type="checkbox"/> Negative	<input type="checkbox"/> + Balamuthia
		<input type="checkbox"/> + Naegleria	<input type="checkbox"/> + Acanthamoeba

PCR for Free Living Amebae:

Source	Date	Result	
<input type="checkbox"/> Blood		<input type="checkbox"/> Negative	<input type="checkbox"/> + Balamuthia
		<input type="checkbox"/> + Naegleria	<input type="checkbox"/> + Acanthamoeba
<input type="checkbox"/> Skin		<input type="checkbox"/> Negative	<input type="checkbox"/> + Balamuthia
		<input type="checkbox"/> + Naegleria	<input type="checkbox"/> + Acanthamoeba
<input type="checkbox"/> Brain		<input type="checkbox"/> Negative	<input type="checkbox"/> + Balamuthia
		<input type="checkbox"/> + Naegleria	<input type="checkbox"/> + Acanthamoeba
<input type="checkbox"/> Abscess		<input type="checkbox"/> Negative	<input type="checkbox"/> + Balamuthia
		<input type="checkbox"/> + Naegleria	<input type="checkbox"/> + Acanthamoeba
<input type="checkbox"/> Other, specify: _____		<input type="checkbox"/> Negative	<input type="checkbox"/> + Balamuthia
		<input type="checkbox"/> + Naegleria	<input type="checkbox"/> + Acanthamoeba

Serology:

Date	Result

HISTOPATHOLOGY

Brain biopsy: Yes No Unknown

	Date:	Date:
Location		
Timing	<input type="checkbox"/> Antemortem <input type="checkbox"/> Postmortem <input type="checkbox"/> Unknown	<input type="checkbox"/> Antemortem <input type="checkbox"/> Postmortem <input type="checkbox"/> Unknown
Results (check all that apply)	<input type="checkbox"/> Amebic trophozoites	<input type="checkbox"/> Amebic trophozoites
	<input type="checkbox"/> Amebic cysts	<input type="checkbox"/> Amebic cysts
	<input type="checkbox"/> Ameba, not specified	<input type="checkbox"/> Ameba, not specified
	<input type="checkbox"/> Hemorrhage	<input type="checkbox"/> Necrosis
	<input type="checkbox"/> Encephalomalacia	<input type="checkbox"/> Edema
	<input type="checkbox"/> Abscess	<input type="checkbox"/> Vasculitis
	<input type="checkbox"/> Perivascular Inflammation	<input type="checkbox"/> Perivascular Inflammation
	<input type="checkbox"/> Thrombosis	<input type="checkbox"/> Thrombosis
	<input type="checkbox"/> Neovascularization	<input type="checkbox"/> Neovascularization
	<input type="checkbox"/> Neutrophilic inflammation / infiltrate	<input type="checkbox"/> Neutrophilic inflammation / infiltrate
	<input type="checkbox"/> Lymphocytic inflammation / infiltrate	<input type="checkbox"/> Lymphocytic inflammation / infiltrate
	<input type="checkbox"/> Granulomatous inflammation	<input type="checkbox"/> Granulomatous inflammation
	<input type="checkbox"/> Granuloma	<input type="checkbox"/> Granuloma
	<input type="checkbox"/> Meningitis	<input type="checkbox"/> Encephalitis
<input type="checkbox"/> Meningoencephalitis	<input type="checkbox"/> Meningoencephalitis	
Other Results/ Comments		

Skin biopsy: Yes No Unknown

	Date:	Date:
Location		
Timing	<input type="checkbox"/> Antemortem <input type="checkbox"/> Postmortem <input type="checkbox"/> Unknown	<input type="checkbox"/> Antemortem <input type="checkbox"/> Postmortem <input type="checkbox"/> Unknown
Results	<input type="checkbox"/> No amebae seen <input type="checkbox"/> Amebic trophozoites <input type="checkbox"/> Amebic cysts <input type="checkbox"/> Amebae, not specified	<input type="checkbox"/> No amebae seen <input type="checkbox"/> Amebic trophozoites <input type="checkbox"/> Amebic cysts <input type="checkbox"/> Amebae, not specified
Other Results/ Comments		

Sinus biopsy: Yes No Unknown

	Date:	Date:
Location		
Timing	<input type="checkbox"/> Antemortem <input type="checkbox"/> Postmortem <input type="checkbox"/> Unknown	<input type="checkbox"/> Antemortem <input type="checkbox"/> Postmortem <input type="checkbox"/> Unknown
Results	<input type="checkbox"/> No amebae seen <input type="checkbox"/> Amebic trophozoites <input type="checkbox"/> Amebic cysts <input type="checkbox"/> Amebae, not specified	<input type="checkbox"/> No amebae seen <input type="checkbox"/> Amebic trophozoites <input type="checkbox"/> Amebic cysts <input type="checkbox"/> Amebae, not specified
Other Results/ Comments		

Other biopsy results:

DIAGNOSTIC IMAGING

CT: Date of First CT: _____

Lesion location: (please check all that apply)

- | | | |
|---|--|--|
| <input type="checkbox"/> Basal Ganglia | <input type="checkbox"/> Left Occipital | <input type="checkbox"/> Left Temporal |
| <input type="checkbox"/> Brainstem | <input type="checkbox"/> Right Occipital | <input type="checkbox"/> Right Temporal |
| <input type="checkbox"/> Right Cerebellum | <input type="checkbox"/> Left Parietal | <input type="checkbox"/> Thalamus |
| <input type="checkbox"/> Left Cerebellum | <input type="checkbox"/> Right Parietal | <input type="checkbox"/> Other, specify: _____ |
| <input type="checkbox"/> Left Frontal | <input type="checkbox"/> Pons | |
| <input type="checkbox"/> Right Frontal | <input type="checkbox"/> Spinal Cord | |

Lesion: (please check all that apply)

- | | | |
|-------------------------------------|---|--|
| <input type="checkbox"/> Abscess | <input type="checkbox"/> Hyperdense | <input type="checkbox"/> Enhancing |
| <input type="checkbox"/> Edema | <input type="checkbox"/> Hypodense | <input type="checkbox"/> Ring enhancing |
| <input type="checkbox"/> Erosion | <input type="checkbox"/> Infarcts | <input type="checkbox"/> Sinusitis |
| <input type="checkbox"/> Hemorrhage | <input type="checkbox"/> Mass | <input type="checkbox"/> Ventriculomegaly |
| <input type="checkbox"/> Herniation | <input type="checkbox"/> Multifocal lesions | <input type="checkbox"/> Other, specify: _____ |

Additional Description, if needed: _____

Please list dates of subsequent CT scans and changes noted:

Date	Findings

MRI: Date of First MRI: _____

Lesion location: (please check all that apply)

- | | | |
|---|--|--|
| <input type="checkbox"/> Basal Ganglia | <input type="checkbox"/> Left Occipital | <input type="checkbox"/> Left Temporal |
| <input type="checkbox"/> Brainstem | <input type="checkbox"/> Right Occipital | <input type="checkbox"/> Right Temporal |
| <input type="checkbox"/> Right Cerebellum | <input type="checkbox"/> Left Parietal | <input type="checkbox"/> Thalamus |
| <input type="checkbox"/> Left Cerebellum | <input type="checkbox"/> Right Parietal | <input type="checkbox"/> Other, specify: _____ |
| <input type="checkbox"/> Left Frontal | <input type="checkbox"/> Pons | |
| <input type="checkbox"/> Right Frontal | <input type="checkbox"/> Spinal Cord | |

Lesion: (please check all that apply)

- | | | |
|-------------------------------------|---|--|
| <input type="checkbox"/> Abscess | <input type="checkbox"/> Hyperdense | <input type="checkbox"/> Enhancing |
| <input type="checkbox"/> Edema | <input type="checkbox"/> Hypodense | <input type="checkbox"/> Ring enhancing |
| <input type="checkbox"/> Erosion | <input type="checkbox"/> Infarcts | <input type="checkbox"/> Sinusitis |
| <input type="checkbox"/> Hemorrhage | <input type="checkbox"/> Mass | <input type="checkbox"/> Ventriculomegaly |
| <input type="checkbox"/> Herniation | <input type="checkbox"/> Multifocal lesions | <input type="checkbox"/> Other, specify: _____ |

Additional Description, if needed: _____

Please list dates of subsequent MRI scans and changes noted:

Date	Findings

Other therapies: (please check all that apply)

	Start date:	Stop date:
<input type="checkbox"/> IV fluids		
<input type="checkbox"/> Total Parenteral Nutrition (TPN)		
<input type="checkbox"/> Dialysis for renal failure		
<input type="checkbox"/> Other, specify _____		
<input type="checkbox"/> Other, specify _____		
<input type="checkbox"/> Other, specify _____		

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 Removed life support
 Cardiorespiratory failure Other, specify: _____
 Herniation

If died: Organs transplanted? Yes No

If yes, which ones: _____

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

CDC USE ONLY:

1 st DASH #	
2 nd DASH #	
3 rd DASH #	
4 th DASH #	
5 th 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: _____