


<b>Name of Policy:</b> <b>Handling of Cerebrospinal fluid (CSF) with Known or Suspected Creutzfeldt-Jakob Disease (CJD)</b>		 <b>Effective date:</b> 01/04/2025 <b>Original effective date:</b> 05/02/2011	
<b>Policy Number:</b> 3364-107-410			
<b>Approving Officer:</b> Medical Director, Clinical Pathology			
<b>Responsible Agent:</b> Director, Clinical Pathology Administrative Director, Lab			
<b>Scope:</b> Pathology Laboratory University of Toledo Medical Center			
Key words: Cerebrospinal fluid (CSF), Creutzfeldt-Jakob Disease (CJD), standard precautions, sample labeling, worksurface disinfection.			
<input type="checkbox"/>	New policy proposal	<input type="checkbox"/>	Minor/technical revision of existing policy
<input type="checkbox"/>	Major revision of existing policy	<input checked="" type="checkbox"/>	Reaffirmation of existing policy

(A) Policy statement

Creutzfeldt-Jakob Disease (CJD) is a progressive fatal disease of the central nervous system. It is believed to be caused by a transmissible, unconventional infectious particle called a prion which is resistant to usual methods of sterilization or decontamination. Potentially infectious body fluids from patients with known or suspected Creutzfeldt-Jakob Disease (CJD) include brain tissue and Cerebrospinal fluid (CSF).

(B) Purpose of policy

To provide guidelines for the management of patient specimens with known or suspected Creutzfeldt-Jakob Disease (CJD).

(C) Procedure

1. All samples should be handled using standard precautions.
2. Samples should be labeled as “suspected CJD” before sending to laboratory.
3. Disposable supplies are to be used as much as possible and immediately disposed of into a red sharps container for medical waste disposal.
4. Any CSF that needs to be spun down must be done in a closed centrifuge.
5. Disposable hemocytometers should be used for cell counts.

6. In Microbiology, requests for CSF culture for bacterial, fungal, or acid-fast organisms will be processed using routine procedures.
7. All benchtops/work surfaces that are exposed to contaminated CSF should be decontaminated with hospital approved disinfectant.
8. All disposable equipment should be disposed of as medical waste in a sharps container.

<p>Approved by:</p> <p><u>/s/</u> Name: Amira Gohara, M.D. Title: Medical Director, Clinical Pathology</p> <p><u>1/10/2025</u> Date</p> <p><i>Review/Revision Completed by:</i></p> <p><i>Joshua Otiso, Administrative Director, Lab</i></p>	<p><b>Policies Superseded by This Policy:</b></p> <ul style="list-style-type: none"><li>• <i>S-10</i></li></ul> <p>Initial effective date: 05/02/2011</p> <p>Review/Revision Date: 01/04/2025</p> <p>Next review date: 01/04/2027</p>
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