


<b>Name of Policy:</b>	<u>EEG monitoring for Ictal SPECT</u>	
<b>Policy Number:</b>	3364-138-13	
<b>Department:</b>	Neurodiagnostic Services	
<b>Approving Officer:</b>	Senior Hospital Administrator	
<b>Responsible Agent:</b>	Director, Pulmonary Services	
<b>Scope:</b>	The University of Toledo Medical Center Neurodiagnostic Services	
		<b>Effective Date:</b> 6/1/2023 Initial Effective Date: 3/10/2004
<input type="checkbox"/> New policy proposal <input type="checkbox"/> Major revision of existing policy		<input checked="" type="checkbox"/> Minor/technical revision of existing policy <input type="checkbox"/> Reaffirmation of existing policy

## Policy Statement

All EEG monitoring for Ictal SPECT procedures will be performed as outlined in this policy.

## Procedure

1. Scheduling:
  - a. The patient is admitted for LTME on Monday, the week of observation. The date of admission must be confirmed with the Lead EEG Technologist and Nuclear Medicine department.
  - b. Contact nursing unit to reserve a fixed LTME room.
2. Admission:
  - a. Electrodes should be applied using the International 10-20 system, including T1, T2, F9, F10, T9, T10, P9 and P10. All electrodes should be attached using collodion.
  - b. Notify Nuclear Medicine to confirm patient arrival and verify time to start observation on Tuesday.
  - c. Nursing unit will need to start 2 IV's, preferably contralateral arms prior to the start time.
3. Observation Days:
  - a. EEG Technologist will check all electrode impedances prior to the arrival of Nuclear Medicine technologist.
  - b. RN will verify patency of IV's prior to Nuclear Medicine tech arrival.
4. Seizure Occurs:
  - a. If any seizure is noted by EEG technologist, they are to notify the Nuclear Medicine technologist to inject the isotope. It is preferable to inject only for complex partial seizures or the patient's typical seizure.
  - b. Note the time of injection and flush on the recording.
  - c. Call RN charge at onset of seizure.
  - d. Allow the patient to record for at least 5 minutes after the seizure or until baseline activity is resumed.
  - e. Disconnect electrode cable and transfer the patient to Nuclear Medicine for SPECT.

5. No seizure during observation day:
  - a. If the patient does not have a seizure during the allotted time, the EEG Technologist will contact the ordering neurologist to verify the need for next observation day.
  - b. Call Nuclear Medicine to set up start time for next day, if needed.

<b>Approved by:</b>	<b>Review/Revision Date:</b>
<u>/s/</u> Michael Taylor Director, Pulmonary Services	<u>6/22/2023</u> Date
<u>/s/</u> Russell Smith Senior Hospital Administrator	<u>6/29/2023</u> Date
	09/13/2004 10/03/2006 06/29/2007 08/11/2010 08/12/2012 08/20/2013 08/01/2016 06/01/2017 05/29/2020 06/01/2023
	<b>Next Review Date:</b> 6/1/2026
<b>Policies Superseded by This Policy:</b>	