Name of Policy:	Electrode application and removal technique	THE UNIVERSITY OF TOLEDO
Policy Number:	3364-138-06	MEDICAL GENTER
Department:	Neurodiagnostic Services	
Approving Officer:	Senior Hospital Administrator	
Responsible Agent:	Director, Pulmonary Services	
Scope:	The University of Toledo Medical Center Neurodiagnostic Services	Effective Date:6/1/2023Initial Effective Date:5/27/2014
New policy proposal X Minor/technical revision of existing policy Major revision of existing policy Reaffirmation of existing policy		

Policy Statement

All electrodes should be placed according to the International 10-20 system along with additional electrodes as ordered by physician.

Procedure

Electrode Application:

- 1. The patient's head must be measured and marked using a china marker.
- 2. Marked areas should be cleansed with light abrasive skin prep.
- 3. Electrodes are applied with a conductive paste or gel and secured with cotton gauze or adhesive tape.
- 4. Collodion and imaging friendly electrodes should be used for all inpatient monitoring or scheduled LTM patients.
- 5. Electrode impedances should be measured and reduced to under 10 Kohms.
- 6. Interelectrode impedances should be within 5 Kohms.
- 7. A1 & A2 are to be applied to the ear lobe or mastoid process.
- 8. An EKG lead should be applied to right and left upper chest.
- 9. Empty collodion tubes should be discarded in a flameproof oily waste can.

Electrode Removal:

- 1. Remove electrodes per manufacturer's recommendations, depending on application.
- 2. Empty acetone cans should be discarded in a flameproof oily waste can.
- 3. Electrodes should be cleaned and disinfected according to Cleaning & Disinfecting electrodes, procedure 138-07.

Approved by:		Review/Revision Date:
/s/ Michael Taylor Director, Pulmonary Services	6/22/2023 Date	05/27/2014 06/01/2017 05/29/2020 06/01/2023
/s/ Russell Smith Senior Hospital Administrator	6/29/2023 Date	
olicies Superseded by This Policy:		Next Review Date: 6/1/2026