

ABRET Neurodiagnostic Credentialing and Accreditation
Skill assessment for EEG examination eligibility

MEASUREMENT ASSESSMENT

8/19

The expectations for safe and effective performance of this task are outlined in the EEG Practice Analysis, Domain II.

The Measurement Assessment evaluates the candidate's ability to accurately measure according to the International 10-20 System (Domain II, T-1, T-2, T-3)

The candidate is expected to completely measure the mannequin head according to the International 10-20 System of Electrode Placement within a 30-minute period and obtain electrode placement measurement values with symmetry of homologous and corresponding areas within 1cm. The candidate should mark the nasion,inion, Fpz, Oz, and preauricular points.

ABRET provides mannequins and washable markers for the exam. Other type of marking devices are not allowed. Skin preparation and application of electrodes is not required. Candidates are not allowed to bring study guides, charts, or other written documents into the exam session.

At the start of the exam, the candidate is expected to arrange the mannequin and supplies in a manner most comfortable for measurement, then measure the head. The mannequin head sits in a stand and must remain in the stand for electrode measurement. There is no inion on the mannequin head. The candidate is expected to utilize techniques normally employed when a patient with no discernible inion is encountered in their own laboratory. At the end of the session, the candidate leaves the examination room. Examiners measure and assess the marking of electrode positions. The candidate is responsible for making prudent use of the time period. An examiner is not in the room the entire time during measurement but makes frequent checks throughout the session.