

SENIOR LABORATORY TECHNICIAN (II-NEUROPHYSIOLOGY)

DISTINGUISHING FEATURES OF THE CLASS: Under general supervision, an incumbent of this class performs electroneurophysiological tests and studies to monitor patients during the pre-operative, post-operative, and the crucial operative phases of neurological treatment. May participate in research projects conducted under the guidance of the Director of Neurosurgery. Supervision may be exercised over lower level personnel. Does related work as required.

EXAMPLES OF WORK: (Illustrative Only)

Performs and oversees routine and special electroneurophysiological tests and studies on patients;

Performs electroneurophysiological tests during brain surgery, functioning as a member of the surgical team;

May provide supervision and training to lower level technicians or aides;

Ensures that all electroneurophysiological equipment and instrumentation is correctly calibrated, maintained, and operational at all times, and that performance criteria are met;

Ensures the correct interpretation and measurement of the various electroneurophysiological parameters in patient testing and evaluations;

Maintains special specimens for research projects;

Collects spinal fluids and material from patients for special research projects.

REQUIRED KNOWLEDGE, SKILLS, ABILITIES AND ATTRIBUTES: Thorough knowledge of electroneurophysiological test procedures; thorough knowledge of the functional aspects of electroneurophysiological equipment and instrumentation, and skill in operating them; ability to understand, follow and convey complex technical instructions; ability to work cooperatively as a member of a surgical team; ability to train and supervise the work of others; accuracy; sensitivity in dealing with acutely ill patients; thoroughness; dependability; sound judgment; physical condition commensurate with the demands of the position.

MINIMUM ACCEPTABLE TRAINING AND EXPERIENCE: A high school or equivalency diploma and either (a) completion of an accredited course* in electroneurophysiology and two years experience performing EEG tests; or (b) three years experience as stated in (a); or (c) an equivalent combination of the foregoing training and experience as defined by the limits of (a) and (b).

SPECIAL REQUIREMENT: Must be certified by the American Board of Registration of Electroencephalographic and Evoked Potential Technologists as either an Electroencephalographic Technologist, and Evoked Potential Technologist or in the area of Neurophysiologic Intraoperative Monitoring.

*SPECIAL NOTE: Education beyond the secondary level must be from an institution recognized or accredited by the Board of Regents of the New York State Education Department as a post-secondary, degree-granting institution.