

UW HEALTH JOB DESCRIPTION

INTEROPERATIVE NEUROMONITORING TECHNOLOGIST I

Job Code: 510031	FLSA Status: Non-exempt	Mgt. Approval: LM	Date: 8/1/18
Department: Neurodiagnostics		HR Approval: KS	Date: 8/1/18

JOB SUMMARY

Under the direction of the Neurodiagnostics Manager, and with direct supervision from the Intraoperative Neuromonitoring Supervisor, the Intraoperative Neuromonitoring Technologist conducts basic evoked potentials as well as observes, learns and assists with more complex intraoperative neuromonitoring procedures. This position is responsible for adhering to the guidelines and technical standards of Intraoperative Neurophysiological Monitoring as set forth by the American Society of Electroneurodiagnostic Technologists. The work is designed to develop proficiency and expertise in the technical aspects of intraoperative neuromonitoring while learning more complex procedures.

The UWHC Interoperative Neuromonitoring Technologist I is a multi-skilled professional who may perform intraoperative procedures including, but not limited to evoked potentials (EP), electroencephalograms (EEG) and electromyography (EMG). This includes working with the patient in all settings; preoperative, intraoperative and postoperative.

The UWHC Interoperative Neuromonitoring Technologist I trains under the direct supervision of senior staff and indirect supervision of a physician who is responsible for interpretation and clinical correlation of the results. This physician may not be physically present during the procedures and so the technologist must be able to analyze data during the recording while ensuring the information being obtained is valid and interpretable. A relevant patient history obtained by the technologist will guide how the test will be conducted; therefore, he/she must be knowledgeable in clinical neurology.

MAJOR RESPONSIBILITIES

Clinical Duties and Responsibilities

- Performs and implements IONM procedures including EP, EEG and EMG under the direct supervision of senior staff in accordance with laboratory protocol to include preoperative checks, intraoperative and postoperative duties for the procedure
- Measures and marks correct recording and stimulation sites, apply electrodes and obtains baseline recording(s).
- Prepares equipment and supplies for required monitoring.
- Identifies correct patient, surgeon and type of procedure(s) to be performed and communicates the monitoring plan to the patient/caregivers/family.
- Monitors neurophysiologic central/peripheral functioning throughout the operative procedure(s) and is able to recognize and communicate clinically significant events.

Other General Responsibilities

- May be available after-hour calls from medical staff regarding urgently needed IONM procedures. Rotates with other staff in an on call and call in basis.
- Performs and provides assistance with departmental support tasks, goals and functions in accordance with laboratory protocol and procedure.

ALL DUTIES AND REQUIREMENTS MUST BE PERFORMED CONSISTENT WITH THE UW HEALTH PERFORMANCE STANDARDS.

JOB REQUIREMENTS

Education	Minimum	Graduation from a Commission on Accreditation of Allied Health Education Program (CAAHEP) accredited Electroneurodiagnostic (END) Program OR Credential in electroencephalography (R. EEG.T) with at least 2 years of EEG experience OR Two years combination of training and experience performing IONM procedures
	Preferred	Bachelors of Science from an college or university in a relevant field
Work Experience	Minimum	See Education requirement

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	Preferred	
Licenses & Certifications	Minimum	CPR certification
	Preferred	Credential in electroencephalography (R. EEG T) and/or in evoked potentials (R. EP T)
Required Skills, Knowledge, and Abilities	<ul style="list-style-type: none"> • Knowledge of currently accepted standards of practice when performing clinical neurophysiology testing. • Effective oral and written communication skills. • Positive interpersonal skills with patients, families, co-workers, physicians and other medical staff. • Knowledge of neuroanatomy and physiology, basic electronics and electrical safety, digital recording systems, pattern recognition and various medical and pharmacological conditions that influence the neuromonitoring procedures. • Ensures infection prevention standards as well as regulatory agency requirements 	

AGE SPECIFIC COMPETENCY (Clinical jobs only)

Identify age-specific competencies for direct and indirect patient care providers who regularly assess, manage and treat patients.

Instructions: Indicate the age groups of patients served either by direct or indirect patient care by checking the appropriate boxes below. Next,

<input checked="" type="checkbox"/>	Infants (Birth – 11 months)	<input checked="" type="checkbox"/>	Adolescent (13 – 19 years)
<input checked="" type="checkbox"/>	Toddlers (1 – 3 years)	<input checked="" type="checkbox"/>	Young Adult (20 – 40 years)
<input checked="" type="checkbox"/>	Preschool (4 – 5 years)	<input checked="" type="checkbox"/>	Middle Adult (41 – 65 years)
<input checked="" type="checkbox"/>	School Age (6 – 12 years)	<input checked="" type="checkbox"/>	Older Adult (Over 65 years)

JOB FUNCTIONS

Review the employee's job description and identify each essential function that is performed differently based on the age group of the patient.

PHYSICAL REQUIREMENTS

Indicate the appropriate physical requirements of this job in the course of a shift. *Note: reasonable accommodations may be made available for individuals with disabilities to perform the essential functions of this position.*

Physical Demand Level		Occasional Up to 33% of the time	Frequent 34%-66% of the time	Constant 67%-100% of the time
	Sedentary: Ability to lift up to 10 pounds maximum and occasionally lifting and/or carrying such articles as docket, ledgers and small tools. Although a sedentary job is defined as one, which involves sitting, a certain amount of walking and standing is often necessary in carrying out job duties. Jobs are sedentary if walking and standing are required only occasionally and other sedentary criteria are met.	Up to 10#	Negligible	Negligible
<input checked="" type="checkbox"/>	Light: Ability to lift up to 20 pounds maximum with frequent lifting and/or carrying of objects weighing up to 10 pounds. Even though the weight lifted may only be a negligible amount, a job is in this category when it requires walking or standing to a significant degree.	Up to 20#	Up to 10# or requires significant walking or standing, or requires pushing/pulling of arm/leg controls	Negligible or constant push/pull of items of negligible weight
	Medium: Ability to lift up to 50 pounds maximum with frequent lifting and/or carrying objects weighing up to 25 pounds.	20-50#	10-25#	Negligible-10#
	Heavy: Ability to lift up to 100 pounds maximum with frequent lifting and/or carrying objects weighing up to 50 pounds.	50-100#	25-50#	10-20#
	Very Heavy: Ability to lift over 100 pounds with frequent lifting and/or carrying objects weighing over 50 pounds.	Over 100#	Over 50#	Over 20#
Other - list any other physical requirements or bona fide occupational qualifications not indicated above:				

Note: The purpose of this document is to describe the general nature and level of work performed by personnel so classified; it is not intended to serve as an inclusive list of all responsibilities associated with this position.