

## UW HEALTH JOB DESCRIPTION

### INTEROPERATIVE NEUROMONITORING TECHNOLOGIST II

<b>Job Code:</b> 510030	<b>FLSA Status:</b> Non-exempt	<b>Mgt. Approval:</b> B. Wheeler	<b>Date:</b> 07.25.19
<b>Department:</b> Neurodiagnostics		<b>HR Approval:</b> T. Schuhmacher	<b>Date:</b> 07.25.19

#### JOB SUMMARY

Under the direction of the Neurodiagnostics Manager, and with guidance of the Intraoperative Neuromonitoring Supervisor, the Intraoperative Neuromonitoring Technologist II conducts more complex intraoperative neuromonitoring procedures. This position is responsible for the successful completion of daily operations with the main emphasis on high quality patient related procedures which adhere to the guidelines and technical standards of the National Competency Skill Standards for Performing Intraoperative Neurophysiological Monitoring as set forth by the American Society of Electroneurodiagnostic Technologists. This position shows proficiency and expertise in the technical aspects of intraoperative neuromonitoring while performing complex procedures.

The Intraoperative Neuromonitoring Technologist II is a multi-skilled allied health 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 Intraoperative Neuromonitoring Technologist II works independently and with 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, making certain that the information being obtained is valid and interpretable. A relevant patient history obtained by the technologist guides to some degree how the test will be conducted; therefore, he/she must be knowledgeable in clinical neurology.

#### MAJOR RESPONSIBILITIES

##### Clinical Duties and Responsibilities

- Performs IONM procedures under the direct supervision of senior staff in accordance with laboratory protocol to include preoperative checks, intraoperative and postoperative duties for the procedure
- Applies new technology in accordance with laboratory protocol and procedure to further the patient experience.
- Monitors neurophysiologic central/peripheral functioning throughout the operative procedure(s) and is able to recognize and communicate clinically significant events
- 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.
- Measures and marks correct recording and stimulation sites, apply electrodes and obtains baseline recording(s).

##### 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	1) Graduation from a Commission on Accreditation of Allied Health Education Programs (CAAHEP) accredited Electroneurodiagnostic (END) Program AND 2 years experience performing IONM procedures.  OR  2) Four years combination of training and experience performing IONM procedures
	Preferred	Bachelor's of Science relevant field
Work Experience	Minimum	See Education requirement
	Preferred	
Licenses & Certifications	Minimum	<ul style="list-style-type: none"> <li>• CNIM registry from ABRET (the American Board of Registration of Electroneurodiagnostic Technology)</li> <li>• CPR certification</li> </ul>

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	Preferred	R. EEG T. and CNIM registry from ABRET	
Required Skills, Knowledge, and Abilities		<ul style="list-style-type: none"> <li>Knowledge of currently accepted standards of practice when performing clinical neurophysiology testing.</li> <li>Thorough knowledge of intraoperative neuromonitoring procedures and practices.</li> <li>Effective oral and written communication skills.</li> <li>Positive interpersonal skills with patients, families, co-workers, physicians and other medical staff.</li> <li>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.</li> <li>Knowledge of latest intraoperative neuromonitoring practices, and procedures.</li> <li>Ensures infection prevention standards as well as regulatory agency requirements</li> </ul>	
<b>AGE SPECIFIC COMPETENCY (Clinical jobs only)</b>			
Identify age-specific competencies for direct and indirect patient care providers who regularly assess, manage and treat patients.			
<b>Instructions:</b> 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)
<b>JOB FUNCTIONS</b>			
Review the employee's job description and identify each essential function that is performed differently based on the age group of the patient.			
<b>PHYSICAL REQUIREMENTS</b>			
Indicate the appropriate physical requirements of this job in the course of a shift. <i>Note: reasonable accommodations may be made available for individuals with disabilities to perform the essential functions of this position.</i>			
<b>Physical Demand Level</b>		<b>Occasional</b> Up to 33% of the time	<b>Frequent</b> 34%-66% of the time
		<b>Constant</b> 67%-100% of the time	
	<b>Sedentary:</b> Ability to lift up to 10 pounds maximum and occasionally lifting and/or carrying such articles as dockets, 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.	<b>Up to 10#</b>	<b>Negligible</b>
<input checked="" type="checkbox"/>	<b>Light:</b> 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.	<b>Up to 20#</b>	<b>Negligible</b> or requires significant walking or standing, or requires pushing/pulling of arm/leg controls
	<b>Medium:</b> Ability to lift up to 50 pounds maximum with frequent lifting/and or carrying objects weighing up to 25 pounds.	<b>20-50#</b>	<b>10-25#</b>
	<b>Heavy:</b> Ability to lift up to 100 pounds maximum with frequent lifting and/or carrying objects weighing up to 50 pounds.	<b>50-100#</b>	<b>25-50#</b>
	<b>Very Heavy:</b> Ability to lift over 100 pounds with frequent lifting and/or carrying objects weighing over 50 pounds.	<b>Over 100#</b>	<b>Over 50#</b>
<b>Other</b> - 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.