# ISSUED December, 2016

# SUPERSEDES

# TITLE Polysomnographic Technologist CLASSIFICATION GRADE 05

# SPECIALTY GRADE 32

###### BASIC FUNCTION AND RESPONSIBILITY

Provide comprehensive evaluation and treatment of sleep and arousal disorders, including diagnostic testing and therapeutic interventions requiring critical thinking, independent judgment, and advanced knowledge of sleep technology, sleep/wake disorders, and associated co-morbid conditions. Participate in teaching, evaluating, and advising students.

###### CHARACTERISTIC DUTIES AND RESPONSIBILITIES

Prepare, monitor, and analyze the physiologic data of infant to adult patients in the sleep laboratory or at the bedside to include: Polysomnogram, PAP trials, Multiple Sleep Latency Test, and Maintenance of Wakefulness Test.

Interpret physiological changes and abnormalities and recognizes when medical intervention is required. Physiologic parameters measured include: EEG, EOG, EMG, ECG, respiratory effort, thermal and pressure flow, limb movement, blood oxygenation, capnometry, upper airway sound, body position, and behavioral observations.

Responsible for therapeutic intervention and titration of PAP therapies, adaptive servo-ventilation, volume assured pressure support ventilation, oxygen therapy, oral appliance, and positional therapy.

Analyze, score, and generate a report for sleep/wake stages, arousals, and clinical events utilizing professionally accepted guidelines.

Responsible for patient interaction and education to promote understanding of procedures and treatment and to ensure patient comfort and safety.

Participate in the instruction of electro-neurodiagnostic students, medical residents, fellows, and other staff in the methods of polysomnography and sleep disorders medicine.

Assist with maintaining compliance standards and participate in quality assurance and quality improvement initiatives in accordance with national, hospital, and departmental standards.

Maintain records, database, and data archival system.

Evaluate and implement technical developments and software updates and assists with quality control of equipment operation.

Maintain mandated continuing education requirements for board certification and sleep center accreditation.

Participate in on-call/call-back coverage as assigned.

Maintain effective working relationships with faculty, staff, students, and the public.

*In addition to the duties and responsibilities noted above, the position description must include statements from*[*UI Health Care Core Values (WECARE)*](https://uihc.org/mission-vision-and-core-values)*for Health Care positions or*[*Universal Competencies*](https://hr.uiowa.edu/careers/competencies/universal-competencies)*for all other positions.*

SUPERVISION RECEIVED

Supervision is received from the Sleep Lab Manager or other designated official or other designated official.

###### SUPERVISION EXERCISED

Functional supervision is exercised over support staff and students.

QUALIFICATIONS

Completion of a 24 month END Technology program accredited by CAAHEP with an add-on Polysomnography certificate, or an equivalent combination of education and experience, or

Completion of a Polysomnographic educational program accredited by CAAHEP, or an equivalent combination of education and experience, or

Completion of a 2 or 4 year Respiratory Care program accredited by CoARC with an add-on Polysomnography certificate, or an equivalent combination of education and experience, or

Licensed in another Health Science field.

Certification, or eligible for certification, by the Board of Registered Polysomnographic Technologist (RPSGT), the American Board of Sleep Medicine (RST) or the National Board of Respiratory Care (CRT-SDS or RRT-SDS). Certification must be completed within 9 months of appointment.

Licensed by the State of Iowa as a Polysomnographic Technologist or becomes licensed at first opportunity after appointment.

Excellent written and verbal communication skills are required.