

POLYSOMNOGRAPHER SERIES

<u>Code No.</u>	<u>Class Title</u>	<u>Occ. Area</u>	<u>Work Area</u>	<u>Prob. Period</u>	<u>Effective Date</u>
0000	Polysomnographer I	02	446	6 mo.	00/00/00
0000	Polysomnographer II	02	446	6 mo.	00/00/00

Promotional Line: 000

Series Narrative

Positions allocated to this series, under medical direction, perform, conduct, and evaluate polysomnograms (sleep/wake studies). These studies are intended to identify normal/abnormal sleep patterns, artifacts, and various sleep/wake stages. Polysomnographic Technologists in this series also perform special procedures, such as multiple sleep latency testing, nocturnal penile tumescence, infant/pediatric polysomnography, ambulatory monitoring, and providing education to patients. The Polysomnographic Technologists in this series generate reports that summarize the patient's sleep/wake stages, respiratory events, cardiac events, limb movements, arousal analysis, and other clinical events.

DESCRIPTIONS OF LEVELS OF WORK

Level I: Polysomnographer I **(0000)**

Positions allocated to this level conduct standard polysomnograms (sleep/wake studies) based upon sleep study orders/instructions.

A Polysomnographer I typically—

1. examines orders and protocol for study, reviews existing information in patient record, and interviews patients based on established protocol
2. explains to patients the nature of the study to be conducted
3. prepares monitoring and recording equipment and devices
4. measures and applies appropriate electrodes; places and attaches transducers to measure airflow, respiratory effort, and oximetry
5. applies monitoring devices as specified or designated for
 - a. routine EEG sleep study staging
 - b. cardio respiratory
 - c. sub mental chin or leg muscle activity
 - d. penile tumescence monitoring

- e. ear oximetry
 - f. nasal CPAP testing
 - g. low flow oxygen testing
6. monitors Polysomnographic recordings, remedies technical problems, and documents and reports medical problems identified
 7. removes, disassembles, cleans, and sterilizes equipment and materials
 8. learns to conduct newly developed tests
 9. maintains and orders supplies and equipment
 10. performs other related duties as required

Level II: Polysomnographer II (0000)

Positions allocated to this level perform highly specialized clinical studies requiring advanced skills and knowledge of clinical polysomnography testing and sleep research. These employees are responsible for the initial and ongoing evaluation and training of technical support staff. They assign work to staff and are responsible for monitoring the planning, budget, and quality control functions of the Department.

A Polysomnographer II typically—

1. provides day-to-day direction and supervision of assigned staff including regular and special work assignments
2. attends hospital meetings, seminars, and conferences as the primary contact person for the sleep lab
3. completes high quality Polysomnographic recordings and readings by
 - a. performing special technical procedures (such as nocturnal penile tumescence, infant/pediatric polysomnographs, and ambulatory monitoring)
 - b. preparing multiple sleep latency test reports (including information such as latency from sleep to onset of REM for each nap, number and times of naps, and overall mean sleep latency)
4. attends workshops and assists in developing specialized equipment for use in clinical polysomnography, NPT testing, nasal CPAP testing, low flow oxygen administration, and specialized Polysomnographic and/or thermoregulation research procedures
5. assists in developing departmental policies, procedures, budgets, and objectives

6. sets up, documents, and implements quality assurance programs for the sleep lab
7. provides education and training to medical, respiratory, EEG students and assigned departmental staff
8. performs the duties of a Polysomnographic Technologist I as required
9. performs other related duties as required

MINIMUM ACCEPTABLE QUALIFICATIONS REQUIRED FOR ENTRY INTO:

Level I: Polysomnographer I **(0000)**

CREDENTIALS TO BE VERIFIED BY PLACEMENT OFFICER

1. Associate Degree in a health science field
2. One year of experience in a polysomnography program that is associated with an accredited sleep laboratory/disorders center
OR
One year of experience as a technician or technologist in an allied health field, such as electroencephalography, respiratory care, or pulmonary function
3. CPR certification

PERSONAL ATTRIBUTES NEEDED TO UNDERTAKE JOB

1. Knowledge of at least two of the following sciences: biology, microbiology, physics, chemistry, or physiology
2. Skill in operation of machinery and equipment such as: EEG, EKG, Polygraph blood gas monitors, and blood pressure monitors
3. Skill in discussing tests and testing procedures with patients
4. Ability to comprehend, interpret, follow, and disseminate written and oral instructions
5. Ability to set up, attach electrodes, and monitor equipment (such as EEG, EKG, EMG, blood gas monitors, and blood pressure monitors)
6. Ability to articulate tests and testing processes to patients
7. Ability to maintain vigilance in a non-stimulating environment
8. Ability to work independently both day and night

Level II: Polysomnographer II

(0000)

CREDENTIALS TO BE VERIFIED BY PLACEMENT OFFICER

1. Associate Degree in a health sciences field
2. successful completion of the examination offered by the Board of Registered Polysomnographic Technologists
3. Three years experience in an accredited polysomnography program, two of which were spent as a registered Polysomnographic Technologist
4. CPR certification

PERSONAL ATTRIBUTES NEEDED TO UNDERTAKE JOB

1. Knowledge of Polysomnographic Technologist lab (regular and specialized) testing procedures
2. Knowledge of University, Hospital, and Departmental policies and procedures
3. Knowledge of instruction and direction terminology related to sleep studies requested
4. Skill in communicating with people (patients, physicians, staff) from varying cultures and economic backgrounds
5. Skill in preparing work reports, test results, and work schedules for self and others
6. Ability to prioritize workload, delegate effectively, and allocate and utilize available resources in a cost effective manner
7. Ability to comprehend, interpret, follow, and disseminate highly complex written and oral instructions to support staff and patients
8. Ability to implement and document quality assurance activities in order to ensure optimum performance of the sleep/wake center or laboratory

Polysomnographer I.....	NEW
Polysomnographer II.....	NEW