

# PSG A175: POLYSOMNOGRAPHY CLINICAL 2

Item	Value
Curriculum Committee Approval Date	10/05/2022
Top Code	121100 - Pharmacy Technician
Units	3 Total Units
Hours	162 Total Hours (Lab Hours 162)
Total Outside of Class Hours	0
Course Credit Status	Credit: Degree Applicable (D)
Material Fee	No
Basic Skills	Not Basic Skills (N)
Repeatable	No
Grading Policy	Pass/No Pass (B)

## Course Description

Clinical application of Polysomnographic testing at an affiliated sleep disorder center to include patient interaction, application of testing equipment, and monitoring sleep behavior. PREREQUISITE: PSG A165. Transfer Credit: CSU.

## Course Level Student Learning Outcome(s)

1. Setup patients with appropriate electrodes and sensors in 60 minutes, take valid patient data, perform equipment and patient calibrations, initiate an all-night Polysomnographic study and identify 35% of artifacts and 65% of normal sleep activity.

## Course Objectives

- I Objectives related to student behavior.
- I. 1. Demonstrate a willingness to adhere to the individual lab policies and regulations.
- I. 2. Adhere to appropriate dress code, being neat, well groomed, appropriate for clinical and adhering to Orange Coast College catalog policy for student conduct.
- I. 3. Assume responsibility for notifying the department supervisor when unable to attend or when expected to be late.
- I. 4. Make up any time due to absence for tardiness.
- I. 5. Assume responsibility for arriving to clinical on time and must stay allotted time per the lab schedule.
- I. 6. Conduct self in an appropriate ethical manner as a health care professional. Maintain patient confidentiality and safety at all times.
- I. 7. Seek instruction and use criticism to improve performance.
- I. 8. Demonstrate a positive attitude to the clinical experience.
- I. 9. Relate to patients in a positive manner in encourage patient cooperation and enhance attitude.
- I. 10. Maintain work area in an orderly manner.
- II Objectives related to performance.
- II. 1. Calibrate the machine within 75% accuracy.
- II. 2. Perform the lab protocol within the third week.
- II. 3. Take valid patient data.
- II. 4. Apply electrodes accurately within 60 minutes.

- II. 5. Use appropriate machine settings to provide optimal recording as necessary.
- II. 6. Identify and monitor artifacts with 35% accuracy.
- II. 7. Identify normal sleep polygraph activity with 65% accuracy.

## Lecture Content

This is an adjunct to the second in a series of clinical rotations which will provide an opportunity to practice Polysomnographic testing on patients at a designated affiliated sleep disorder center. Students will be expected to observe and to perform PSG testing on clinical patients, maintain laboratory records and take patient history information. This clinical will require twelve hours per week of clinical practice. The outcome for this clinical experience will prepare students for additional clinical in the Spring. The goals for this rotation are for the student to be able to: Set up patient monitoring equipment within 60 minutes. This will provide increased hands on time to enhance both your proficiency, efficiency and confidence with PSG equipment. Perform routine testing. Recognize normal Polysomnographic chart data activity and be able to recognize some basic abnormalities. The skills learned within this experience will build upon in the second Spring clinical rotation.

## Lab Content

This is an adjunct to the second in a series of clinical rotations which will provide an opportunity to practice Polysomnographic testing on patients at a designated affiliated sleep disorder center. Students will be expected to observe and to perform PSG testing on clinical patients, maintain laboratory records and take patient history information. This clinical will require twelve hours per week of clinical practice. The outcome for this clinical experience will prepare students for additional clinical in the Spring. The goals for this rotation are for the student to be able to: Set up patient monitoring equipment within 60 minutes. This will provide increased hands on time to enhance both your proficiency, efficiency and confidence with PSG equipment. Perform routine testing. Recognize normal Polysomnographic chart data activity and be able to recognize some basic abnormalities. The skills learned within this experience will build upon in the second Spring clinical rotation.

## Method(s) of Instruction

- Lab (04)
- Field Experience (90)

## Instructional Techniques

This is a clinical course which will provide students an opportunity practice Polysomnographic testing on patients at a designated affiliated sleep disorder center. Students will be expected to observe and to perform PSG testing on clinical patients, maintain laboratory records and take patients history information.

## Reading Assignments

½ - 1 hours per week Reading assignments from textbook.

## Writing Assignments

½ - 1 hours per week Completing patient history and maintaining polysomnography records.

## Out-of-class Assignments

Proficiency is demonstrated by evaluation of the stated objectives above. Writing assignments are based on the clinical facility requirements and

may include patient history taking, technical record evaluation, and technical and clinical notations on the PSG recording.

## **Demonstration of Critical Thinking**

Student will be evaluated according to the objectives stated both mid-rotation and end rotation. Mid-rotation evaluation is done in order to encourage students good performance, identify areas of improvement, and assess student progress. PSG A175 is a credit/no credit course. A grade of 'CR is required to pass. A grade of 'NC will be issued for students who have not completed all required clinical hours\* at the end of the rotation. Grades issued 'CR - Meets or surpasses all objectives 'NC - Fails to meet objectives Attendance: It is the students responsibility to notify the department in a timely manner if unable to attend or expected to be late. The student is required to arrive on time and stay the allotted time per the lab schedule. Students are to treat the clinical experience like a job and take this area seriously. In addition, any time lost due to absence or tardiness must be made up during the clinical rotation. Each clinical shift is 12 hours. No more than 12 hours may be applied per shift worked. (i.e., if a student misses a day he/she must schedule a make-up time. Clinical will recognize designated school holidays. Students may be removed from a clinical site, which may result in failing clinical for the following: Excessive absences Excessive tardiness Endangering a patient Direct insubordination Inappropriate dress or behavior If there is an extended period of absence due to circumstances outside student control (illness, hospitalization, crisis) details must be worked out with the clinical coordinator and the clinical site.

## **Required Writing, Problem Solving, Skills Demonstration**

Proficiency is demonstrated by evaluation of the stated objectives above. Writing assignments are based on the clinical facility requirements and may include patient history taking, technical record evaluation, and technical and clinical notations on the PSG recording.

## **Eligible Disciplines**

Diagnostic medical technology-diagnostic medical sonography, neurodiagnosti...: Any bachelors degree and two years of professional experience, or any associate degree and six years of professional experience.

## **Other Resources**

1. Materials provided by instructor and those required by prerequisites.