

RSPT 87B: INTERVENTIONAL PULMONOLOGY CLINICAL INTERNSHIP II

Foothill College Course Outline of Record

| Heading | Value |
|------------------------------------|---------------------------------------------------------------------------------------|
| Units: | 1 |
| Hours: | 3 laboratory per week (36 total per quarter) This is a clinical laboratory course. |
| Degree & Credit Status: | Degree-Applicable Credit Course |
| Foothill GE: | Non-GE |
| Transferable: | CSU |
| Grade Type: | Letter Grade Only |
| Repeatability: | Not Repeatable |

Student Learning Outcomes

- The student will be able to demonstrate clinical competency assisting interventional pulmonology procedures.
- The student will be able to perform assessments on interventional pulmonology patients.

Description

Interpretation of diagnostic data and correlation to applied therapies. In addition to clinical application of procedures covered in RSPT 87A, advanced procedures may include (a) balloon dilation, (b) stent placement, (c) lung volume reduction and (d) foreign body removal.

Course Objectives

The student will be able to:

- Demonstrate clinical competency assisting with interventional pulmonology procedures
- Communicate with patients, nurses, physicians and other members of the health care team
- Perform assessments on interventional pulmonology patients
- Assist in the management of interventional pulmonology patients

Course Content

- Interventional pulmonology assisting
 - Verify orders
 - Gather necessary equipment specific to the diagnostic or therapeutic procedure being performed
 - Set up and check interventional pulmonology equipment specific to the diagnostic or therapeutic procedure being performed
 - Monitor patient during the procedure
 - Monitor and manage ventilation and or ventilator, if applicable
 - Secure emergency equipment is available and functioning
 - Observation and assistance with special procedures, which may include but are not limited to:
 - Balloon dilation (bronchoplasty)
 - Stent placement
 - Lung volume reduction procedures
 - Foreign body removal
 - Thermoplasty procedures

- Electromagnetic navigation
- Endobronchial ultrasound
- Fiducial placement
- Cell visio
- Transbronchial biopsies
- Cryotherapy and argon plasma coagulation (APC)

Lab Content

- Perform interventional pulmonology assisting
 - Verify the orders
 - Gather the necessary equipment specific to the diagnostic or therapeutic procedure being performed
 - Set up and check the interventional pulmonology equipment specific to the diagnostic or therapeutic procedure being performed
 - Monitor the patient during the procedure
 - Monitor and manage the patient's ventilation and or ventilator, if applicable
 - Checks emergency equipment is available and functioning
 - Observes and assists with special procedures, which may include but are not limited to:
 - Balloon dilation (bronchoplasty)
 - Stent placement
 - Lung volume reduction procedures
 - Foreign body removal
 - Thermoplasty procedures
 - Electromagnetic navigation
 - Endobronchial ultrasound
 - Fiducial placement
 - Cell visio
 - Transbronchial biopsies
 - Cryotherapy and argon plasma coagulation (APC)

Special Facilities and/or Equipment

- The classroom will be a clinical facility with the ability to perform interventional pulmonology procedures.
- Uniform, name badge, watch with second hand, and stethoscope.

Method(s) of Evaluation

The student will demonstrate proficiency by successfully completing competency checklists and by daily evaluations conducted by clinical preceptors.

Method(s) of Instruction

Clinical performance and demonstration of clinical skills.

Representative Text(s) and Other Materials

No text required.

Types and/or Examples of Required Reading, Writing, and Outside of Class Assignments

There are no required reading or writing assignments for this course.

Discipline(s)

Respiratory Technologies