

**The Jane R. Perlman Fellowship Program  
Nurse Practitioner and Physician Assistant Fellowship in Emergency Medicine**

**Topic (Module): Pulmonary**  
**Length: 3 weeks**

*\* All content areas include supervised clinical experiences in the main ED or Fast Track areas. In addition, all fellows will attend Resident Conference on Trauma (4 hours) during this module. Fellows will have 40 total hours each week inclusive of didactic, clinical and lab experiences.*

<b>Objective</b>	<b>Content</b>	<b>Methodology</b>	<b>Instructor</b>	<b>Time</b>	<b>Evaluation</b>
1. List and describe the multiple pulmonary infections encountered in the ED and their pathophysiology  2. Outline PPI and droplets/respiratory precautions  3. List HX and PE findings in pt with pneumonia  4. List HX and PE of pt with TB  5. List and Interpret diagnostics for pulmonary infections	Pulmonary infections: -infectious pneumonias -TB Safety procedure PPI, N95, airway protection, fitting for N95	Lecture Discussion Handouts Simulation	Myriam Riboh	4 hrs	Simulation and written evaluation

<p>6. Develop treatment plan for pt with pneumonia based on etiology with attention to CAP vs hospital acquired</p> <p>7. Develop acute treatment plan for pt with TB including appropriate placement in hospital</p>					
<p>1.Explain etiologies and pathophysiology of the multiple causes of ARDS</p> <p>2.Describe HX and PE findings in ARDS</p> <p>3.List and Interpret diagnositics in ARDS including ABGs</p> <p>4. Develop a treatment plan for a patient in the ED with ARDS</p>	<p>ARDS BIPAP covered simulation</p>	<p>Lecture Discussion Handouts Simulation</p>	<p>Myriam Riboh</p>	<p>4 hrs</p>	

<p>1. Define and discuss pathophysiology of PE</p> <p>2. Define and discuss pathophysiology of PTX</p> <p>3. List and compare red flags in HX and PE for pt with PE and PTX</p> <p>4. Outline acute management of PE and pneumothorax in ED, including chest tube placement</p> <p>5. Describe indication and contraindications for mechanical ventilation</p> <p>6. Describe CPAP, BIPAP and mechanical ventilation</p> <p>7. Define settings for ventilator</p> <p>8. Summarize basic use of ventilator</p>	<p>PE and Pneumothorax, Mechanical Ventilation</p>	<p>Lecture Discussion Handouts Simulation</p>	<p>Pamela DeAngeles, TBD</p>	<p>4 hrs</p>	
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