

CASE 5

CASE 5 IN DETAIL

CASE 5

Session Objectives:

To provide exposure and experience for students working in a collaborative interprofessional team activity using a high-fidelity simulation environment that focuses on the care of the critically ill.

Expected Outcomes:

1. Identify the strengths of participating members of the interprofessional team in the care of a critically ill patient
2. Assess and prioritize the needs of critically ill patients
3. Using a high-fidelity simulation, collect and analyze pertinent patient information to develop patient-specific interventions and monitoring plans for critically ill patients
4. Demonstrate interprofessional communication within a critical care team using high-fidelity simulation

Activity Description:

48 year old, white male with history of hypertension and depression presents to the UMMC with a 5 day history of progressive shortness of breath. Patient has a productive cough with greenish, blood tinged sputum. He complained to his family that he had trouble breathing, especially during exertion, which has gradually worsened over the last couple of days. Three days prior to admission, he developed fever to 102. Yesterday, the family noted that he seemed more tired and confused, prompting them to call 911. In the ED, the patient was hypoxic on room air, febrile, and tachypnic. He was intubated and started on empiric antibiotics. He was given 1 liter of normal saline, stabilized, and then transferred to the MICU for further care.

Expected outcomes of the experience:

Students from 5 disciplines will work together in a high-fidelity simulation to assess and prioritize the needs of a critically ill patient and develop an interprofessional plan to stabilize and treat the patients' acute problems. This activity will demonstrate the importance of interprofessional communication between disciplines in order to optimize patient care.

5. Do Critically Ill Patients benefit from a Team of Critical Thinkers Managing their Care?

Collaboration led by

Heather Congdon, Pharmacy

Participating faculty

Jeffrey Gonzales, Pharmacy

Sandeep Devabhakthuni, Pharmacy

Karen Clark, Nursing

Kelley Macmillan, Social Work

Adriana Guerra, Respiratory Therapy

Jay Perman, Medicine

Max Enrollment: 30

Location: Pharmacy Hall N111