

## **Interprofessional Simulation –scenario 3**

### **Scenario Description**

Jenny Pine is a 70 year old female who has a history of osteoarthritis for 20 years. She was admitted for a total hip replacement and is now three days post op. She recently developed difficulty breathing. She lives alone in an apartment. Her daughter is visiting.

### **Simulation Learning Objectives**

1. To demonstrate effective interprofessional communication
2. To demonstrate how to assess for complications when caring for a patient who has had a total hip replacement
3. To implement priority health interventions.
4. To work as a team in order to give care

### **Fidelity**

#### **Preparation of the simulator**

Patient gown

ID band

#### **Equipment available in the room**

Nasal prongs

O2 mask

Patient monitor

BP cuff, stethoscope, abd. Pillow, hip drsg/wound

Incentive spirometer

Walker

#### **Medications**

Metformin 500mg bid

Morphine 5 to 10 mgm Q4H PRN for pain

Tylenol #3 1 to 2 tabs Q4H PRN for pain

Fosamax 70 mg po weekly

Calicum 600 mg po BID

## **Documentation**

Physicians orders  
Flow sheet  
Kardex  
Graphic sheet  
Progress note PT/OT

## **Participants**

Primary nurse  
OT  
PT  
MRT  
Family member  
Observer

## **Report to the students**

Mrs. Jenny Pine is post op day 3 total hip replacement. She has a history of diabetes and osteoporosis. This morning she developed some trouble breathing. An x-ray order was obtained to rule out post op pneumonia

Timing	Manikin Actions	Expected Interventions	May use the following cues
Start Nurse	BP 170/90 Pulse 98 O2 Sat 91% R26 T 38.9 BG 13 mmol  Diffuse crackles or wheezes “ I am not feeling well” Very short of breath Difficulty speaking	Wash hands Introduce self to patient and family member Take vital signs Focused respiratory assessment	“Why is my mother short of breath” “Do something for her
5 minutes Physio enters	Coughing R 28  “I can hardly breathe”  I am too weak to do my exercises today	Introduces self to patient and nurse Washes hands  Discusses with patient and nurse whether the client should ambulate and do physio exercises today  Joint decision is made with patient included  Discuss whether or not there should be a portable xray taken. Nurse calls xray and asks for portable xray to be taken	Phone call from xray asking client to go to xray department  “Can my mother stay in her room and have the xray here? She is so short of breath. She can hardly breathe
10 minutes MRT enters		Introduces self to patient, nurse and PT and family member Washes hands Explains procedure	

		to the patient Elicits the help of PT and nurse to position patient for xray Takes portable xray Reposition patient	
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### Debriefing/ Guided Reflection Questions

1. How did you feel throughout the simulation experience?
2. Describe the objectives you were able to achieve?
3. What were the key assessments and interventions that you observed?
4. Were you satisfied with your ability to work through the simulation?
5. What did the group do well?
6. How could the group have handled the situation differently?
7. Did you understand the roles of the different professionals?
8. Did you notice any similarities or differences with your own role?
9. Were you satisfied with your ability to communicate with the client and his family?
10. Were you satisfied with your ability to communicate with other team members?
11. Did you work together as a team why or why not?
12. Is there anything else you would like to discuss?