

## **Interprofessional Scenario #4**

### **Scenario Description**

John Sim is a 40 year old post op patient who was presented in emergency three days ago with nausea, vomiting and severe abdominal pain. Mr Sim was admitted and had abdominal surgery for a perforated gall bladder. When the nurse comes into the patients room she finds him slumped down in the bed. He seems anxious and is coughing. He has a history of asthma and uses puffers.

The students will be expected to conduct basic assessments, recognize complications and intervene appropriately. The student will be expected to communicate, consult and work with the health team as required.

### **Objectives**

1. to conduct patient assessments
2. to communicate directly with interdisciplinary team members
3. to demonstrate effective team work
4. to prioritize and implement physician's orders
5. to demonstrate knowledge of roles and responsibilities of other health care professionals

### **Fidelity**

Equipment attached to mannequin  
IV- primary line normal saline running at 125/hr  
ID band  
Abdominal dressing

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

BP cuff  
Thermometer  
Pulse oximeter  
Stethoscope  
O2 equipment-flowmeter, nasal cannula, HAFOE mask  
Beclomethasone dipropionate puffer and Aerochamber with mask  
Telephone

### **Medications**

Salbutamol puffer 100 mcg 2p Q3-4H PRN  
Beclomethasone dipropionate puffer 100 mcg 2p QAM and HS  
Tylenol #3 1-2 tablets Q4H PRN  
Morphine 10 mg IM Q4H PRN for pain for 48 hours  
Cefazolin 1 gm Q8H for 10 days

**Documentation forms**

Doctors order sheet  
Medication administration record  
Progress notes  
Graphic record

**Preparation of the mannequin**

Dressed in patient gown  
Insert IV in right forearm with 0.9% NACL infusing at 125/hr  
Abdominal dressing

**Number of participants**

One nurse  
One respiratory therapist (RT)  
One Pharmacy technician (PT)  
3 observers one nurse one RT and one PT

**Proposed treatment outline**

Wash hands  
Introduce self  
Identify the patient  
Review physicians orders  
Obtain BP, pulse, respiratory rate, temp, SPO2  
Assess breathing  
Starts O2  
Calls RT  
RT talks to nurse  
RT assesses changes to mask  
Nurse or RT calls pharmacy for Salbutamol puffer  
Nurse or RT and pharmacy technician talk  
Puffer is delivered  
Puffer is administered  
RT reassesses patient

## **Report to Students**

John Sim is a 40 year old male who came to the emergency department three days ago with nausea, vomiting and severe abdominal pain. That night he had abdominal surgery for an acute gallbladder. He is now three days post op. His abdominal dressing is dry and intact. Vital signs have been stable and within normal range. He has an IV of normal saline infusing at 125 ml per hour. He is tolerating fluids well without nausea. He received Tylenol #3 two tablets one hour ago. He is ambulating well. John has a history of asthma and uses puffers. His chest has been clear and air entry has been normal since surgery.

Timing	Mannequin Actions	Expected Interventions	Cues
First 3 minutes Nurse	Temp 38.5 BP 90/60 P 115 R 28 SP02 90 Wheezes and crackles bilaterally Coughing Restless (slumped down in bed)	Wash hands Introduce self Ask patient how he is feeling Identify patient	If student fails to introduce self ask Who are you?
Next 3 to 5 minutes Nurse	Vocal “My name is John Sim “ “I am having trouble breathing”	Assess vital signs Check pulse oximetry Listen to chest Check IV and dressing Review Doctors orders Recognize need for oxygen start O2@ 2litres with nasal prongs Call RT	I need help moaning
Next 5-10minutes RT	- “yes, I can’t breathe” - “it hurts to breathe in” - HR 115, RR 26, SpO2 91% - decr. a/e, wheezes bilaterally	wash hands - ID self w/ designation - ID patient - Interview pt. ie ? SOB, pain, prev. Hx - check pulse, RR, SpO2 - auscultate chest – wheezes bilaterally - Communicate w/ RN ie onset, BP, prev. Hx, med.orders, discuss Tx plan - switch to mask O2 .4 or .5 - check Dr order for salbutamol puffer - request puffer & Aerochamber® from pharmacy	
<i>Next 10-15 min</i> <i>- PT</i>		Identifies self with designation requests patients name, hosp number or room number Verifies patient order Determine which puffer is required	

		Fills request for puffer Requests second check by another technician Releases puffer to nurse or RT	
<i>Next 15-23 min - RT</i>	wheezes cleared -RR 18, SpO2 93%, HR 100	- verify puffer dosage & pt. -instruct pt. & deliver medication -reassess – RR, auscultate, SpO2, RR, HR -document Tx in pt. record	

### **Guided Reflection/Debriefing 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?