Interprofessional simulation scenario #2

Scenario overview

Mr. Charles Anyim is a 58 year old male who experienced chest pain driving home from Florida. He was admitted to hospital to CCU stabilized and has since been transferred to cardiology. He is three days post MI.

The students will complete the appropriate assessments and interventions, recognize complications and intervene appropriately. The students will be expected to communicate, consult and work with the health team as required.

Objectives

1. Performs cardio respiratory assessment and interprets findings.
2. Implement and prioritize interventions for a changing patient condition
3. Communicate and coordinate team actions consistent with meeting a changing patient condition

Fidelity
Preparation of the mannequin
Patient gown
Patient monitor showing ECG tracing
Saline lock in right arm

Equipment available in the room
Saline lock
Telemetry
Oxygen flow meter
Nasal prongs
Monitor leads
ID band
Allergy band- Sulpha
Gloves
Hand sanitizer

Medications
Nitroglycerine spray 1 spray Q5min x3 for chest pain
Nitro-dur 0.2 patch applied in the morning
Altace 10 mg po daily
Aspirin 325 mg twice daily
Plavix 75 mg once daily
Metformin 500 mg po bid
Diabeta 5 mg daily

Documentation forms
Physician orders
MAR
Kardex
Standard order set
Graphic sheet
Telemetry record

Participants
1 primary nurse
1 secondary nurse
1 family member
1 respiratory therapist
1 dietician
1 physician
1 observer

Social history
Married with two children
Self employed carpenter

Medical History
Type 2 diabetes
Hypertension
Hypercholesterolemia
Smoker x 35 years 1 pack per day(trying to quit)

Physician orders
02 2 liters per minute per nasal prongs (PRN)
Cardiac diabetic diet
Activity as tolerated
Telemetry

Proposed treatment outline
Dietician washes hands
Introduces self
Talks with patient and wife re diet
Notices deteriorating condition
Calls nurse
Nurse obtains BP, pulse, respiratory rate, temp, SPO2
Repositions
Applies 02
Notices deteriorating condition

Calls physician
Gets new orders
Reassures wife
Calls RT
RT adjusts 02
Changes prongs to rebreather
Nurse and RT work together to increase oxygen saturation

Report to students

Alert, oriented, cooperative, chest clear, BP 120/80 P 76 RR 20 02 saturation 95% on room air temp 37.1

Timing	Manikin Actions	Expected Interventions	May use the following cues
2 minutes	I am having trouble breathing and don't feel well BP 100/60 P 140 (afib) R 26 SP02 91 Chest clear	Dietician enters room for consultation re diabetic counselling for husband and wife Calls and communicates to nurse re symptoms	Wife brings in chips for husband "Look dear I brought your favourite" Why is my husband having trouble breathing- he seems short of breath
10 minutes	I don't feel well I am feeling dizzy BP 100/60 P 140 (afib) R 26 SP0 2 91 Chest clear Glucometer 9.6	Nurse enters Reassures wife and client Repositions Takes BP, P, R SP02 Pain assessment Listens to chest Applies O2 Takes glucometer reading	Is he going to be ok?
13 minutes	I am feeling worse Diaphoretic SP02 89	Call physician Make sure IV line is patent and prime IV Gets new orders	
15 minutes	SP02 86 non responsive to 02	Call RT Change prongs to mask with rebreather Deep breathing Nurse and RT work together to bring up oxygen saturation	

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?