

COMMON STRUCTURE FOR HIGH FIDELITY SIMULATION SCENARIO

SCENARIO TITLE

Therapeutic education of a patient with lung transplant to manage his medicinal treatment

SCENARIO OVERVIEW

DUMMY TYPE:

HEALTHCARE SERVICE: cardiopulmonary transplantation unit

TARGET GROUP¹:

- graduated nurses
- BLOC ¾ learners depending on learning outcomes

ESTIMATED SCENARIO DURATION: 10 minutes

SCENARIO SUMMARY²:

Man, 31 – lung transplant/cystic fibrosis post-op Day 15 – ANXIETY about managing self-care: medicinal treatment.

EDUCATIONAL OBJECTIVES

GENERAL OBJECTIVES:

A patient with lung transplant adopting a therapeutic education approach.

SCENARIO-SPECIFIC OBJECTIVES:

PARTICIPANTS' ROLE

STUDENT	Frontline		
PROFESSIONAL	Observers		
TRAINERS ³	Trainer 1: facilitator Trainer 2: Participant		

¹ Skill level and number of participants

² Scenario key words

³ Control of dummy setting / Debriefing/ Dummy voice/ Facilitator/ Disruptive element/ external stakeholder (phone speaker)

EQUIPMENT LIST⁴

Medical supplies:

- Circulation⁵:
- Ventilation⁶:
 - O2 In pending
 - aerosol mask
- Miscellaneous⁷:
 - thermometers
 - hand sanitiser
 - glove box

Medicines and solutes:

- PO
- DIV
- Drip
- Abelcet aerosol

Documents⁸:

- Nursery file
- List of personal medicinal treatment

Accessories⁹:

- Reading
- Water bottle

Environment¹⁰:

- Standard room
- Patient armchair

SCENARIO PREPARATION

SIMULATION TYPE:

DUMMY TYPE:

SIMULATOR PREPARATION: standard male patient

- Setting: initial state: patient reading a book
- Positioning¹¹: patient half-sat in bed
- Accessories¹²: specific personal treatment sheet on his lap.

ENVIRONMENT PREPARATION¹³: patient half-sat

⁴ Prefer Check-list for quick check-up

⁵ Catheters, infusion lines, needles (IV, intraosseous, subcutaneous), blood collection tubes, tourniquet...

⁶ Nasal cannulas, non-rebreather masks, intubation supplies...

⁷ Capillary glycaemia, urinary catheter, thermometer, stethoscope, gloves, hand sanitizer....

⁸ Patient medical file, transmission sheet, ECG, recommendation summary sheet

⁹ Pen, phone, diagnostic penlight for pupils, work outfits (white coats...)

¹⁰ Wig, basin, tissues with blood, **patient's suitcase**...

¹¹ Half sit-up, lying down

¹² Presence of oxygen, of a drip tube, already scoped...

¹³ Raised bed rails, presence of patients belongings, tissues, needed information received

PREPARATION OF ADDITIONAL EXAMINATIONS¹⁴:

PREPARATION OF STUDENTS/LEARNERS¹⁵: professional outfit and prior reading of nursery file or patient sheet.

BRIEFING

TIME:

SITUATION¹⁶:

DOCUMENTS¹⁷:

PATIENT DATA¹⁸

Surname:

Age:

Name:

Weight:

Date of birth:

Height:

Allergies:

Gender:

History:

Medical history:

Surgeries:

Ob/gyn:

Personal treatment:

FRAMES OF REFERENCE / EXPERTS RECOMMENDATIONS¹⁹

DEBRIEFING IDEAS

SCENARIO PROGRESS

Monitor setting	Patient dummy	Students' interventions (what we would like to see...)	Messages
Beginning time of scenario: 10:00			

(Displayed thermometer, glycaemia...)

¹⁴ If foreseen in the scenario, prepare additional examinations to display (chest radiograph, blood test...)

¹⁵ Preliminary analysis of documents if needed

¹⁶ Location where the scenario takes place, information before entering the simulation room

¹⁷ Document handed during the briefing/ care record, biological results, written **transmissions** ...

¹⁸ Care record layout or if not necessary to the scenario, voice memo for the trainer

¹⁹ Quoted sources, bibliography

<p>Initial state:</p> <p>AP: 12/7 cmHG HR: 87 pls/min RR: 14/min SpO₂: 99%</p> <p>Clinical signs: - eyes²⁰: opened - pupils²¹: normal - pulmonary auscultation: some wheezes</p>	<p>The patient is doing something (watching TV, reading a newspaper or book, using his phone...). He is quiet but seems preoccupied. He is holding the list of medicinal treatment he will have to manage.</p>	<p>.....</p> <p>Medicinal education: NIC 5616</p>	
<p>State 2:</p>	<p>.....</p>	<p>.....</p> <p>Health education: NIC 5510 (ex)</p> <p>.....</p>	
<p>End time of scenario:</p>			

SCENARIO EVALUATION

POSITIVE ASPECTS:

TO IMPROVE:

REALISM:

USED PROTOCOLS:

PROTOCOLS TO IMPLEMENT:

²⁰ Open, half-closed, closed
²¹ Miosis, mydriasis, anisocoria, normal-reactive