

# 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 GROUP<sup>1</sup>:

- graduated nurses
- BLOC ¾ learners depending on learning outcomes

ESTIMATED SCENARIO DURATION: 10 minutes

SCENARIO SUMMARY<sup>2</sup>:

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 <sup>3</sup>	Trainer 1: facilitator Trainer 2: Participant		

<sup>1</sup> Skill level and number of participants

<sup>2</sup> Scenario key words

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

## EQUIPMENT LIST<sup>4</sup>

### Medical supplies:

- Circulation<sup>5</sup>:
- Ventilation<sup>6</sup>:
  - O2 In pending
  - aerosol mask
- Miscellaneous<sup>7</sup>:
  - thermometers
  - hand sanitiser
  - glove box

### Medicines and solutes:

- PO
- DIV
- Drip
- Abelcet aerosol

### Documents<sup>8</sup>:

- Nursery file
- List of personal medicinal treatment

### Accessories<sup>9</sup>:

- Reading
- Water bottle

### Environment<sup>10</sup>:

- Standard room
- Patient armchair

## SCENARIO PREPARATION

### SIMULATION TYPE:

### DUMMY TYPE:

### SIMULATOR PREPARATION: standard male patient

- Setting: initial state: patient reading a book
- Positioning<sup>11</sup>: patient half-sat in bed
- Accessories<sup>12</sup>: specific personal treatment sheet on his lap.

### ENVIRONMENT PREPARATION<sup>13</sup>: patient half-sat

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<sup>4</sup> Prefer Check-list for quick check-up

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

<sup>6</sup> Nasal cannulas, non-rebreather masks, intubation supplies...

<sup>7</sup> Capillary glycaemia, urinary catheter, thermometer, stethoscope, gloves, hand sanitizer....

<sup>8</sup> Patient medical file, transmission sheet, ECG, recommendation summary sheet

<sup>9</sup> Pen, phone, diagnostic penlight for pupils, work outfits (white coats...)

<sup>10</sup> Wig, basin, tissues with blood, **patient's suitcase**...

<sup>11</sup> Half sit-up, lying down

<sup>12</sup> Presence of oxygen, of a drip tube, already scoped...

<sup>13</sup> Raised bed rails, presence of patients belongings, tissues, needed information received

PREPARATION OF ADDITIONAL EXAMINATIONS<sup>14</sup>:

PREPARATION OF STUDENTS/LEARNERS<sup>15</sup>: professional outfit and prior reading of nursery file or patient sheet.

## BRIEFING

TIME:

SITUATION<sup>16</sup>:

DOCUMENTS<sup>17</sup>:

## PATIENT DATA<sup>18</sup>

Surname:

Age:

Name:

Weight:

Date of birth:

Height:

Allergies:

Gender:

History:

Medical history:

Surgeries:

Ob/gyn:

Personal treatment:

## FRAMES OF REFERENCE / EXPERTS RECOMMENDATIONS<sup>19</sup>

## 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...)

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

<sup>15</sup> Preliminary analysis of documents if needed

<sup>16</sup> Location where the scenario takes place, information before entering the simulation room

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

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

<sup>19</sup> Quoted sources, bibliography

<p><b>Initial state:</b></p> <p>AP: 12/7 cmHG  HR: 87 pls/min  RR: 14/min  SpO<sub>2</sub>: 99%</p> <p>Clinical signs:  - eyes<sup>20</sup>: opened  - pupils<sup>21</sup>: 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><b>State 2:</b></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:

<sup>20</sup> Open, half-closed, closed  
<sup>21</sup> Miosis, mydriasis, anisocoria, normal-reactive