

Facilitator session plan

About the simulation

Title: Radiation safety and communication

Date:

Duration: 60 minutes

Venue:

Faculty

Facilitator/s:

Simulated patient/s:

Confederate/s:

Participants

Name

Discipline

Learning objectives

At the conclusion of this simulation, participants will be able to:

1. Identify the key safety aspects involved with working in a radiation area.
2. Demonstrate the appropriate communication required when interacting with radiation therapists delivering patient treatment.
3. Demonstrate safe conduct in a radiation area.
4. Manage a highly distressed patient in a radiation area (Radiation Therapy students only).

Preparation checklist

Prior to simulation activity

- | | |
|---|---|
| <input type="checkbox"/> Venue booked (including computer access) | <input type="checkbox"/> Faculty recruited |
| <input type="checkbox"/> Debriefing room(s) booked | <input type="checkbox"/> Simulated patient (s) recruited |
| <input type="checkbox"/> Equipment checked (if applicable) | <input type="checkbox"/> Props/materials in order/collected |

On the day of the simulation

- | | |
|--|---|
| <input type="checkbox"/> Room is set up (including PowerPoint) | <input type="checkbox"/> Confederate briefing |
| <input type="checkbox"/> Faculty briefing | <input type="checkbox"/> Simulated patient briefing |

DISCLAIMER

Care has been taken to confirm the accuracy of the information presented and to describe generally accepted practices. However, the authors and publisher are not responsible for perceived or actual inaccuracies, omissions or interpretation of the contents of this simulation. All characters appearing in this simulation are fictitious. Any resemblance to real persons, living or dead, is purely coincidental.

5 minutes

Introduction

<p><i>Participants are seated in the briefing/debriefing room.</i></p> <ol style="list-style-type: none">1. Welcome everyone to the simulation2. Faculty to introduce themselves (background and experience)3. Participants to introduce themselves (background and experience)4. Facilitator to go through the learning objectives5. Facilitator to facilitate a discussion around confidentiality, psychological safety and determination of a group agreement6. Facilitator to cover:<ul style="list-style-type: none">• Start and finish times• Facilities.• Mobile phone and pagers.• Emergency exits.7. Facilitator to discuss expectations of the simulation and facilitate a discussion around the fiction contract.	<p><i>Materials/props</i></p> <p>PowerPoint Presentation</p> <p>Computer/laptop</p> <p>Data projector</p>
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20 minutes

Background information/educational presentation

<p>Facilitator to present the educational content using the PowerPoint slides and facilitate discussion points as appropriate. Content includes:</p> <ul style="list-style-type: none">• Orientation to the radiation environment• Review of key radiation signs and symbols• Review of key safety messages and limiting staff exposure• Communication etiquette/protocol (who to communicate with and when)• Managing distressed patients (radiation therapy students only)	<p><i>Materials/props</i></p> <p>PowerPoint Presentation</p> <p>Local radiation safety guidelines</p>
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5 minutes

Activity briefing

<p>Facilitator/s to brief the participants in the briefing/debriefing room.</p> <p><u>Health Professionals</u></p> <ul style="list-style-type: none">• Participants will assume their professional role in the simulation.• Participants will take it in turns entering the radiation area.• Participants will be given briefing notes regarding the scenario.• Participants need to demonstrate that they can interact within this area whilst staying safe and communicating appropriately.• The other participants will observe the simulation and in the debriefing be asked to participate in giving feedback.• The facilitator may call a “time out” in order to halt the simulation and give feedback.• Each participant will have a turn of actively participating in the simulation and observing others in the simulation. <p><i>Activity briefing continues...</i></p>	<p><i>Materials/props</i></p> <p>Mock linear accelerator control station</p> <p>Radiation signage displayed</p>
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<p><i>Activity briefing continued...</i></p> <p><u>Radiation Therapy students</u></p> <ul style="list-style-type: none"> • Participants will assume the role of radiation therapist in the simulation. • Participant tasks are to collect the patient from the waiting room, bring them into the treatment room, and prepare them for treatment. • Participants may need to employ strategies discussed in the education session if they notice the patient becoming distressed. • Participants need to conduct themselves in a safe manner in the radiation therapy environment. • The other participants will observe the simulation from the sidelines and in the debriefing be asked to participate in giving feedback. 	
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15 minutes

<p>Simulation activity</p> <ol style="list-style-type: none"> 1. Facilitator leads participants into the simulated radiation environment. The confederates (simulated patient/radiation therapists) are already in position prior to the participants walking in. 2. The simulation commences when the first participant enters the “radiation area”. All other participants move over to the observation area. 3. The participant enters the area and carries out the scenario assigned to them. During this time they will be required to show that they possess the skills for safe and appropriate interaction within this area. Any unsafe or inappropriate behaviour/actions will result in the facilitator calling a time out. 4. Each participant will take their turn having been given a different scenario to be involved in. 5. A short (2-3 mins) debriefing will occur after each simulation. 6. At the conclusion of the activity the facilitator leads the group out of the simulation area back to the briefing/debriefing room. 	<p><i>Materials/props</i></p> <p>Note pad</p> <p>Pen</p> <p>Timer</p>
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