

# Simulation Scenario Template

This standardised template is intended for use by VSA members when developing and submitting scenarios for validation and publication by the Victorian Simulation Alliance (VSA). The template was developed by the California Institute for Nursing and Health Care (CINHC), based in San Francisco, and is a modification of the standard template for The California Simulation Alliance (CSA).

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**The VSA aims to support the ongoing development and implementation of simulation within health professional education by:**

- **Creating a cohesive voice & a common language**
- **Facilitating ongoing professional development and education**
- **Information dissemination**
- **Best practice identification**
- **Scenario development & sharing**
- **Fostering collaboration & partnerships**
- **Facilitating inter-organisational research**
- **Standard and policy setting**
- **Identifying opportunities & lobbying for funding**
- **Linking internationally**

Prior to publication, all scenarios are validated by subject matter experts, pilot tested and approved by the VSA. While scenario developers are acknowledged, all scenarios published by the VSA become the property of the Alliance.

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## Table of Contents

### Section 1.0

1.0 Scenario cover page .....	02
1.1 Scenario overview .....	03
1.2 Scenario participant role (cast) .....	04
1.2 Scenario participant role (cast) continued .....	05
1.3 Scenario preparation .....	06
1.4 Scenario patient description.....	07
1.5 Patient information.....	07
1.6 Scenario narrative/sequence of events.....	08

### Section 2.0

2.0 Debriefing guide .....	09
----------------------------	----

### Section 3.0

3.0 Scenario set up .....	10
3.0 Scenario set up continued .....	11
3.1 Equipment requirements.....	12

### Section 4.0

4.0 Scenario program overview .....	13
4.1 Non scenario specific events.....	13
4.2 Scenario specific events .....	13
4.3 Scenario program overview .....	14
4.4 Scenario flow - initial state .....	15
4.4 Scenario flow - second state .....	16
4.4 Scenario flow - third state .....	17

### Section 5.0

5.0 Annexes .....	18
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Victorian Simulation Alliance



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## 1.0 SCENARIO COVER PAGE

**Scenario title:****Original scenario developer(s):** (name and credentials)**Date-original scenario developed:****Pre-testing date:****Validation date:****Revision dates:****Discipline:** (please tick):

- ☐ Medical  
☐ Nursing  
☐ Paramedical  
☐ Midwifery  
☐ Interprofessional  
☐ Allied Health (state which area):

**Learner speciality:** (please tick)

- ☐ Undergraduate  
☐ Post Graduate  
☐ Vocational (Diploma/Certificate)  
☐ Continuing professional development  
☐ Other (please list):

**Scenario cast:** (no of participants)**Category:** (please tick)☐ Simulator: (please state type)

.....  
Programmed scenario: ☐ Yes ☐ No

☐ Mannequin: (please state type)

.....  
Programmed scenario: ☐ Yes ☐ No

☐ Part-task trainer: (please state type)☐ Simulated patient☐ Hyrbird**Estimated time:**

### 1.1 SCENARIO OVERVIEW

**Type of simulation:**

(Simulated Patient, Manikin Based, Hybrid, etc)

**Target group:**

(Undergraduate Nursing, Medical Officers, etc)

**Total number of****active participants:**

### Pre-Scenario Learner Activities:

**Scenario setting:** (Emergency Dept, Surgical Ward, etc)

**Estimated scenario time:** (Insert minutes)

**Guided debriefing time:** (Insert minutes)

**Cognitive skills:**

**Psychomotor skills:**

**Brief summary:** (Short narrative of the case)

**Learning objectives:**

**Critical learner actions:**

**Evidence base/references:** (APA format)

## 1.2 SCENARIO PARTICIPANT ROLE (CAST)

Number of active participants:

Active Learners:

Active Confederates:

Total active participants:

Outline roles and responsibilities of the following participants:

X

Role: *Senior RN on Duty in Emergency Department*

Learner



Confederate

Brief descriptor:

*Supports students and intervenes if it appears that students are having difficulty devising an appropriate management plan*

1

Role:



Learner



Confederate

Brief descriptor:

2

Role:



Learner



Confederate

Brief descriptor:

3

Role:



Learner



Confederate

Brief descriptor:

4

Role:



Learner



Confederate

Brief descriptor:

5

Role:



Learner



Confederate

Brief descriptor:

6

Role:



Learner



Confederate

Brief descriptor:

7

Role:



Learner



Confederate

Brief descriptor:

"A confederate is an individual other than the patient who is scripted in a simulation to provide realism, additional challenges, or additional information for the learner (e.g. paramedic, receptionist, family member, lab technician)". Referenced from : <http://www.ahcsimcenter.umn.edu/ProjectDevelopment/SimulationTerms/index.htm>

ALL DATA IN THIS SCENARIO IS FICTITIOUS

## 1.2 SCENARIO PARTICIPANT ROLE (CAST) CONTINUED

## Outline roles and responsibilities of the following participants:

8

Role:

☐

Learner

☐

Confederate

Brief descriptor:

9

Role:

☐

Learner

☐

Confederate

Brief descriptor:

10

Role:

☐

Learner

☐

Confederate

Brief descriptor:

11

Role:

☐

Learner

☐

Confederate

Brief descriptor:

12

Role:

☐

Learner

☐

Confederate

Brief descriptor:

13

Role:

☐

Learner

☐

Confederate

Brief descriptor:

14

Role:

☐

Learner

☐

Confederate

Brief descriptor:

15

Role:

☐

Learner

☐

Confederate

Brief descriptor:

16

Role:

☐

Learner

☐

Confederate

Brief descriptor:

### 1.3 SCENARIO PREPARATION

#### Participant pre-brief:

**Environment:** (key points to mention regarding environment)

**Equipment:** (key points to mention regarding equipment being used)

**Safety:** (key points to mention regarding safety)

**Simulator/Manikin/Simulated Patient:** (key points to mention regarding simulator/manikin/patient)

**Limitations and ways to gather required information:**

**Other:**

### 1.4 SCENARIO PATIENT DESCRIPTION

**Patient name:**

**Age:**

**Weight:**

**Gender:**

**Religion:**

**Country of birth:**

**Language:**

**Aboriginal:**

**Torres Strait Islander:**

**History of present illness:**

**Primary medical diagnosis:**

### 1.5 PATIENT INFORMATION

**Past medical history:** (system review)

**Current medications:**

**Allergies/Reaction to allergies:**

**Other:**

### 1.6 SCENARIO NARRATIVE/SEQUENCE OF EVENTS

**Stage 1: Initiation of scenario**

**Time:**

**Stage 2: Body**

**Time:**

**Stage 3: Scenario end point**

**Time:**



## 2.0 DEBRIEFING GUIDE

**General debriefing plan:** (please tick)

- ☐ Individual
- ☐ Group
- ☐ With video
- ☐ Without video

**Debriefing materials:** (please tick)

- ☐ Debriefing guide
- ☐ Objectives
- ☐ Debriefing points

**Some aspects to consider for debriefing scenarios:** (please tick)

- ☐ Patients centered care
- ☐ Teamwork/collaboration
- ☐ Evidence-based practice
- ☐ Safety
- ☐ Quality improvement
- ☐ Informatics

**Sample questions for debriefing:**

(Delete those not required/add additional questions if needed)

1. How did the experience of caring for this patient feel for you and the team?
2. Did you have the knowledge and skills to meet the learning objectives of the scenario?
3. What GAPS did you identify in your own knowledge base and/or preparation for the simulation experience?
4. What RELEVANT information was missing from the scenario that impacted your performance? How did you attempt to fill in the GAP?
5. How would you handle the scenario differently if you could?
6. In what ways did you feel the need to check ACCURACY of the data you were given?
7. In what ways did you perform well?
8. What communication strategies did you use to validate ACCURACY of your information or decisions with your team members?
9. What three factors were most SIGNIFICANT that you will transfer to the clinical setting?
10. At what points in the scenario were your actions specifically directed toward PREVENTION of a negative outcome?
11. Discuss actual experiences with diverse patient populations.
12. Discuss roles and responsibilities during a crisis.
13. Discuss how current practice continues to evolve in light of new evidence.
14. Consider potential safety risks and how to avoid them.
15. Discuss the health professional's (select relevant profession) role in design, implementation, and evaluation of information technologies to support patient care.

**References (if required):**

### 3.0 SCENARIO SET UP

#### Room requirements:

Example: The room/area being utilised should be furnished and set up to appear as close to the area in which you are trying to replicate.

#### Simulated patient / manikin preparation:

**Dress:** Example: The SimMan manikin should be dressed in a ward gown

**Positioning:** Example: In bed sitting semi-fowlers

**Props:** Example: IV insitu (R) cubital fossa, cervical collar insitu

**3.0 SCENARIO SET UP CONTINUED****Simulated patient/manikin preparation:****Additional module(s):**

Example: The following should be applied to the SimMan manikin: (delete or add additional modules/pictures if applicable)

Trauma modules  
(insert additional pictures if appropriate)

- Closed fracture - (R) leg tibia and fibula
- Open fracture pad - inserted in (L) thigh

**Moulage:**

Example:  
Apply moulage to replicate bruising in the following areas:

- (R) Upper arm
- (L) Temporal region

(delete or add additional detail/pictures if applicable)



Example of moulage demonstrating bruising.

Apply small lacerations and grazes to exposed areas of skin. Only basic first aid is to be applied to the open fracture (R) leg; ensure simulated blood is shown coming through the dressing to demonstrate uncontrolled bleeding.

## 3.1 EQUIPMENT REQUIREMENTS

**Participants:**

(remove or add equipment as required)

- ☐ Dress required (uniform)
- ☐ PPE (gloves/gowns/eye protection)
- ☐ Stethoscope
- ☐ Penlight
- ☐ Reference material

**Simulated patient/manikin:**

(remove or add equipment as required)

- ☐ Clothing
- ☐ Manikin patient monitor

**Trauma modules:**

- ☐ Open fracture femur pad
- ☐ Closed fracture (R) tibia and fibula

**Moulage kit:**

- ☐ Simulated blood
- ☐ Paint to simulate bruising

**Room equipment List:**

(remove or add equipment as required)

- |                                             |                                                            |
|---------------------------------------------|------------------------------------------------------------|
| <input type="radio"/> Monitor/defibrillator | <input type="radio"/> IV stand                             |
| <input type="radio"/> Suction equipment     | <input type="radio"/> IV infusion pump                     |
| <input type="radio"/> Oxygen equipment      | <input type="radio"/> 12 Lead ECG                          |
| <input type="radio"/> Emergency trolley     | <input type="radio"/> Vital signs equipment (BP cuff, etc) |
| <input type="radio"/> Drug trolley          |                                                            |

**Scenario equipment/consumables:**

(remove or add equipment as required)

- |                                         |                                      |
|-----------------------------------------|--------------------------------------|
| <input type="radio"/> Medications       | <input type="radio"/> Dressing packs |
| <input type="radio"/> Bedpan/urinal     | <input type="radio"/> Needles        |
| <input type="radio"/> Nasogastric tubes | <input type="radio"/> Syringes       |
| <input type="radio"/> IV Fluids         |                                      |

**Supporting Documentation:**

(add additional documentation as annexes to this template)

- ☐ Annex A: Simulated patient role instructions
- ☐ Annex B: Observation chart
- ☐ Annex C: Drug chart
- ☐ Annex D: Pathology results
- ☐ Annex E: ID/Allergy bands
- ☐ Annex F: Miscellaneous (Post Op/Pre Op)

**4.0 SCENARIO PROGRAM OVERVIEW (ONLY APPLICABLE IF COMPUTER-BASED SCENARIO IS USED)****Patient monitor used:**☐ Yes ☐ No**Layout used/name:****4.1 NON SCENARIO SPECIFIC EVENTS**

Lists events that may be conducted by the participants and registered by the operator, but these will not affect the scenario flow.

**ABC:****Miscellaneous:****Medication:****ABC:****Miscellaneous:****Medication:****ABC:****Miscellaneous:****Medication:****ABC:****Miscellaneous:****Medication:****4.2 SCENARIO SPECIFIC EVENTS (Utilised in 4.4 Scenario Flow)**

Lists events that must be logged when conducted by the participants to ensure scenario continue to flow.

**ABC:****Affect if selected:****Miscellaneous:****Affect if selected:****Miscellaneous:****Affect if selected:****Medication:****Affect if selected:**

**4.3 SCENARIO PROGRAM OVERVIEW (ONLY APPLICABLE IF COMPUTER-BASED SCENARIO IS USED)****Manikin sensed events:**☐ Yes ☐ No**If yes, list and provide detail:****Handlers** Lists events that handlers have been applied to and what actions have been programmed:**Event:****Action:****Event:****Action:****Event:****Action:****Event:****Action:****Trends** List the trends used in the scenario with a brief description:**Name and frame name:****Description:** trend length**Name and frame name:****Description:** trend length**Name and frame name:****Description:** trend length**Name and frame name:****Description:** trend length**ALL DATA IN THIS SCENARIO IS FICTITIOUS**

### 4.4 SCENARIO FLOW - INITIAL STATE (ONLY APPLICABLE IF COMPUTER-BASED SCENARIO IS USED)

**Heart rate:**

**ECG:**

**BP:**

**Respiration:**

**SP02:**

**Temp:**

**Other parameters: eg: sweat, blood etc:**

**Active handler(s):**

**Active trend(s):**

**Time in frame:**

### INITIAL STATE

**Specific scenario events:**

### 4.4 SCENARIO FLOW - SECOND STATE (ONLY APPLICABLE IF COMPUTER-BASED SCENARIO IS USED)

**Heart rate:**

**ECG:**

**BP:**

**Respiration:**

**SP02:**

**Temp:**

**Other parameters: eg: sweat, blood etc:**

**Active handler(s):**

**Active trend(s):**

**Time in frame:**

### SECOND STATE

**Specific scenario events:**



### 4.4 SCENARIO FLOW - THIRD STATE (ONLY APPLICABLE IF COMPUTER-BASED SCENARIO IS USED)

**Heart rate:**

**ECG:**

**BP:**

**Respiration:**

**SP02:**

**Temp:**

**Other parameters: eg: sweat, blood etc:**

**Active handler(s):**

**Active trend(s):**

**Time in frame:**

### THIRD STATE

**Specific scenario events:**

### 5.0 ANNEXES (PLEASE ADD RELEVANT DOCUMENTATION)

**Annex A:** (title)

**Annex B:** (title)

**Annex C:** (title)

**Annex D:** (title)

**Annex B:** (title)

**Annex E:** (title)

**Annex F:** (title)

**Annex G:** (title)