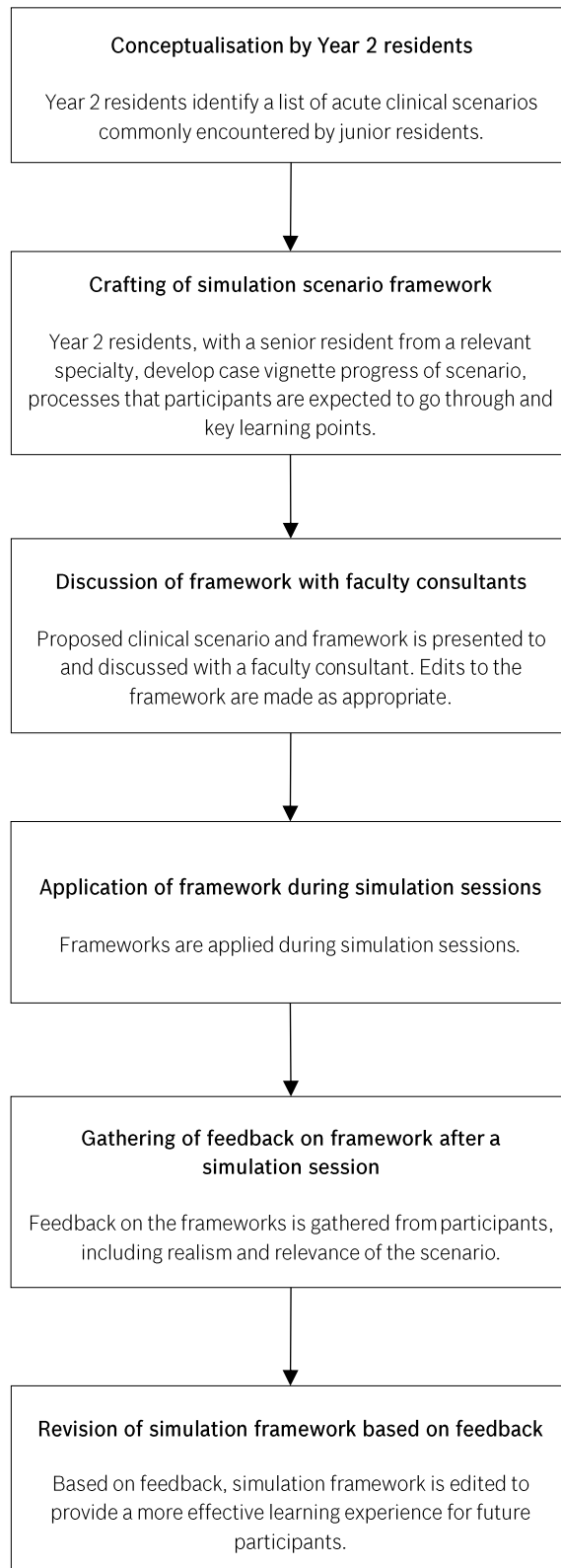


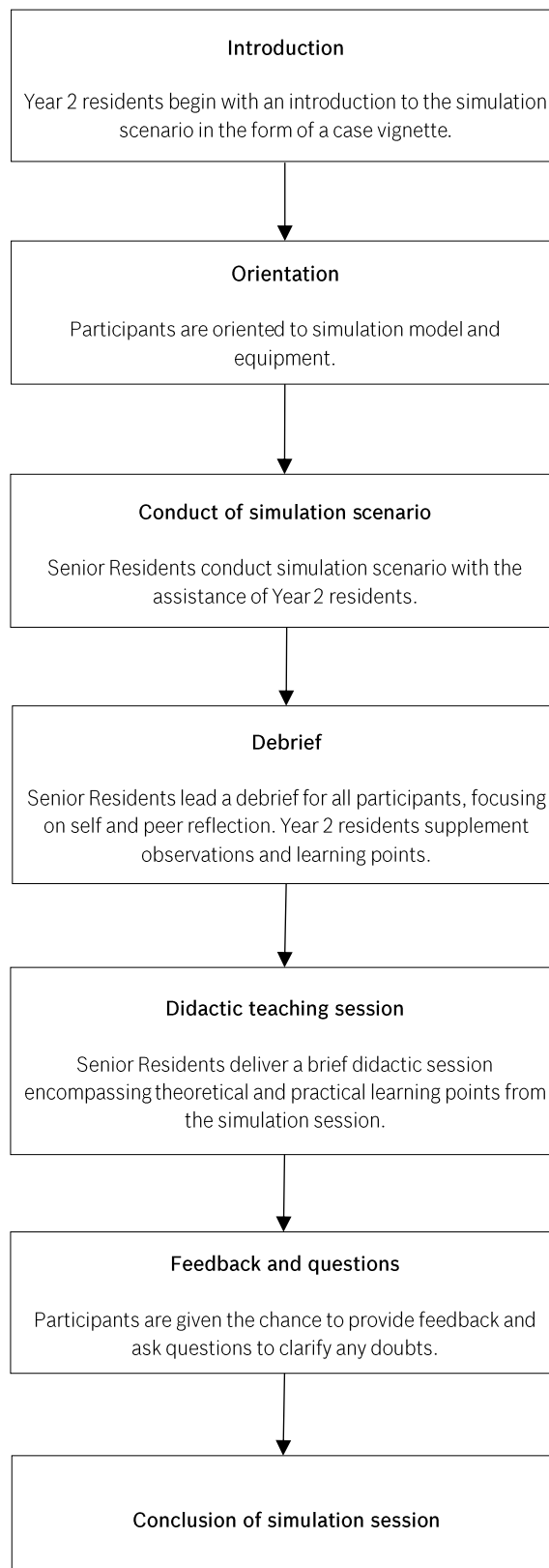
## APPENDIX 1

### Design of simulation sessions



## APPENDIX 2

### Conduct of simulation sessions



## APPENDIX 3

### (a) Pre-simulation feedback

Study code: \_\_\_\_\_

PGY: \_\_\_\_\_ Year of graduation: \_\_\_\_\_ Gender: \_\_\_\_\_ Age: \_\_\_\_\_

Medical School: \_\_\_\_\_

IM Resident/HOPEX/Other Residency (Please specify): \_\_\_\_\_

Months of experience in Internal Medicine: \_\_\_\_\_

(1) Have you ever undergone simulation teaching before?

☐ Yes ☐ No

(2) Briefly describe how you would recognise a critically ill patient: \_\_\_\_\_

(3) How would you describe your level of knowledge associated with recognising a critically ill patient?  
(Please circle the appropriate response)

1-----2-----3-----4-----5-----6-----7-----8-----9-----10  
No Knowledge Considerable Knowledge

(4) How would you describe your level of experience associated with recognising a critically ill patient?  
(Please circle the appropriate response)

1-----2-----3-----4-----5-----6-----7-----8-----9-----10  
No Experience Considerable Experience

(5) Briefly describe any worries or concerns you have about recognising a critically ill patient.  
\_\_\_\_\_

(6) On a scale of 1–10, how confident are you that you are able to: (Please circle the appropriate response)

(a) Recognise a critically ill patient

1-----2-----3-----4-----5-----6-----7-----8-----9-----10  
Little confidence Very confident

(b) Keep a patient alive until appropriate help arrives

1-----2-----3-----4-----5-----6-----7-----8-----9-----10  
Little confidence Very confident

(c) Remember all essential lifesaving procedures when working with a critically ill patient

1-----2-----3-----4-----5-----6-----7-----8-----9-----10  
Little confidence Very confident

(7) From the list below, tick 5 items that give you the most concern when dealing with a critically ill patient. Rank your 5 items that give you the most concern when dealing with a critically ill patient. Rank your 5 items in order of concern by placing a number in the adjacent box. (1 = most concern; 5 = least concern.)  
Do not have any shared ranks. Leave remaining boxes blank.

- \_\_\_ Lack of diagnosis
- \_\_\_ Rapid deterioration
- \_\_\_ Lack of prior specific experience
- \_\_\_ Keeping calm
- \_\_\_ Remembering to conduct all appropriate investigations
- \_\_\_ Applying skills in real life setting

- \_\_\_ Lack of competence
- \_\_\_ Unable to get help when needed
- \_\_\_ Taking too long to react
- \_\_\_ Finding specific procedure/ actions difficult
- \_\_\_ Lack of knowledge

(8) Please comment on how worried you are about the prospect of being responsible for critically ill patients.

\_\_\_\_\_

(9) Please indicate on your level of agreement with the following statements. These statements only refer to situations where you are working with critically ill patients and not any other contexts. (Please circle the appropriate response)

(a) I feel more confident when working as a part of a multidisciplinary team

1-----2-----3-----4-----5-----6-----7-----8-----9-----10  
Strongly disagree Strongly agree

(b) Working in a multidisciplinary team would make me feel anxious

1-----2-----3-----4-----5-----6-----7-----8-----9-----10  
Strongly disagree Strongly agree

(c) I feel more at ease working as part of a team of individuals from my own profession

1-----2-----3-----4-----5-----6-----7-----8-----9-----10  
Strongly disagree Strongly agree

(d) I prefer to work with people from my own profession as it improves efficiency

1-----2-----3-----4-----5-----6-----7-----8-----9-----10  
Strongly disagree Strongly agree

(e) I find that cooperation with individuals from other professions is fraught with difficulty

1-----2-----3-----4-----5-----6-----7-----8-----9-----10  
Strongly disagree Strongly agree

(f) I like to collaborate with other professionals

1-----2-----3-----4-----5-----6-----7-----8-----9-----10  
Strongly disagree Strongly Agree

#### **(b) Post-simulation feedback**

Study Code: \_\_\_\_\_

PGY: \_\_\_\_\_ Year of graduation: \_\_\_\_\_ Gender: \_\_\_\_\_ Age: \_\_\_\_\_

Medical School: \_\_\_\_\_

IM Resident/HOPEX/Other Residency (Please specify): \_\_\_\_\_

Months of experience in Internal Medicine: \_\_\_\_\_

(1) Post simulation, briefly describe how you would recognise a critically ill patient.

\_\_\_\_\_

(2) Post simulation, how would you describe your level of knowledge associated with recognising a critically ill patient? (Please circle the appropriate response)

1-----2-----3-----4-----5-----6-----7-----8-----9-----10

No knowledge

Considerable knowledge

(3) Post simulation, how would you describe your level of experience associated with recognising a critically ill patient?

1-----2-----3-----4-----5-----6-----7-----8-----9-----10

No experience

Considerable experience

(4) Post simulation, briefly describe any worries or concerns you have about recognising a critically ill patient.

\_\_\_\_\_

(5) Post simulation, on a scale of 1–10, how confident are you that you are able to: (Please circle the appropriate response)

(a) Recognise a critically ill patient

1-----2-----3-----4-----5-----6-----7-----8-----9-----10

Little confidence

Very confident

(b) Keep a patient alive until appropriate help arrives

1-----2-----3-----4-----5-----6-----7-----8-----9-----10

Little confidence

Very confident

(c) Remember all essential lifesaving procedures when working with a critically ill patient

1-----2-----3-----4-----5-----6-----7-----8-----9-----10

Little confidence

Very confident

(6) From the list below, rank 5 items that Simulation has been most useful in helping you to deal with a critically ill patient. Rank your 5 items in order of 1 = most useful and 5 = least useful. Do not have any shared ranks. Leave remaining spaces blank.

- \_\_\_ Lack of diagnosis
- \_\_\_ Rapid deterioration
- \_\_\_ Lack of prior specific experience
- \_\_\_ Keeping calm
- \_\_\_ Remembering to conduct all appropriate investigations
- \_\_\_ Applying skills in real life setting
- \_\_\_ Lack of competence
- \_\_\_ Unable to get help when needed
- \_\_\_ Taking too long to react
- \_\_\_ Finding specific procedure/ actions difficult
- \_\_\_ Lack of knowledge

(7) Post simulation, please comment on how worried you are about the prospect of being responsible for critically ill patients.

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(8) Please kindly grade the effectiveness of the individual simulation sessions. Please circle the appropriate response. Circle NA if you did not attend the session.

(a) Bleeding gastrointestinal tract

1-----2-----3-----4-----5-----6-----7-----8-----9-----10      NA  
Least effective      Most effective

(b) Acute myocardial infarction and complications

1-----2-----3-----4-----5-----6-----7-----8-----9-----10      NA  
Least effective      Most effective

(c) Severe pneumonia

1-----2-----3-----4-----5-----6-----7-----8-----9-----10      NA  
Least effective      Most effective

(d) Transfusion associated lung injury (TRALI)

1-----2-----3-----4-----5-----6-----7-----8-----9-----10      NA  
Least effective      Most effective

(e) Atrial fibrillation and complications

1-----2-----3-----4-----5-----6-----7-----8-----9-----10      NA  
Least effective      Most effective

#### Simulation training

On a scale of 1–5: 1 being “Strongly Disagree”, 2 being “Disagree”, 3 being “Neutral”, 4 being “Agree” and 5 being “Strongly Agree”, please tick the appropriate box.

	1	2	3	4	5
Simulation is an accurate reflection of medical emergencies faced in my daily clinical work					
The simulation was a valuable learning experience					
I prefer Simulation training over didactic sessions					
Simulation training should be done after didactic sessions					
Simulation should be conducted earlier in the year (Please indicate in comment session which quarter of your PGY1 you would have liked Simulation Training to have been conducted)					
Given the chance, I would like to have been actively involved in all the Simulation scenarios					
The number of Simulation Scenarios is just right (If disagree/strongly disagree, kindly indicate in the comments section how many stations you will have preferred for Simulation Training as well as the stations you will like to include for Simulation Training)					

I will have preferred a dedicated day for all the Simulation training to be conducted as opposed to having it spread over multiple weeks					
I would be keen to help the next batch of HOs plan their simulation training the following year					

Other comments: \_\_\_\_\_

#### Timing of Simulation Session

Simulation: 10–15 minutes

Debriefing and education of learning points: 30 minutes

Feedback and didactic add on points: 10–15 minutes

On a scale of 1–3: 1 being “Too Short”, 2 being “Just Right”, 3 being “Too Long”, please tick the appropriate box.

	1	2	3
The timing allocated for the simulation session was			
The timing allocated for the debriefing session was			
The timing allocated for the didactic session was			

Other comments: \_\_\_\_\_