



## SIMLAB 2024

### High-Fidelity Simulation

**\*\*IMPORTANT NOTICE:** access to simulation workshops is limited to pre-registered delegates

**About the workshops:** During each of these 2-hour sessions, one or two challenging clinical scenarios will be reproduced in a fully immersive environment including a high-fidelity patient simulator (mannequin). Delegates will have opportunities to observe and then manage the clinical cases. After each scenario, skilled instructors will provide constructive feedback during a debriefing session in which all participants will take part.

**Programme overview:** During these sessions, participants will:

- review and improve their knowledge in patient management in the clinical topic of the session (algorithms and clinical guidelines);
- practice and improve technical skills related to the clinical topic of the session;
- understand the importance of non-technical skills.

The 2024 high-fidelity simulation programme includes the following topics:



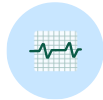
**Challenging cases in paediatric patients**



**Challenging cases in obstetric patients**



**Challenging cases in ICU patients**



**Challenging cases in trauma patients**



**Critical situations in the operating room**

Specific learning objectives are defined for each workshop topic.

**Target audience:** *Residents, fellows and practitioners interested in improving their skills and knowledge in anaesthesia or ICU crisis management.*



**HF**

High Fidelity  
Workshop

## Challenging cases in paediatric anaesthesia and intensive care

**Learning objectives:** During these sessions, participants will learn about:

- the early recognition and signs of life-threatening conditions in children undergoing anaesthesia;
- the algorithm and treatment of severe critical events in children;
- the correct respiratory and cardiovascular stabilisation in paediatric patients.

**Saturday**  
**25 May 2024**  
10:30-12:30  
**SimSpace 1**

### **SIMHF1** **Challenging cases in paediatric anaesthesia (1)**

**Saturday**  
**25 May 2024**  
13:30-15:30  
**SimSpace 1**

### **SIMHF2** **Challenging cases in paediatric anaesthesia (2)**

**Saturday**  
**25 May 2024**  
16:00-18:00  
**SimSpace 1**

### **SIMHF3** **Challenging cases in paediatric intensive care**



and





### HF

High Fidelity  
Workshop

## Critical situations in the operating room

\*\* This workshop is repeated twice

**Learning objectives:** By the end of the session, participants will:

- have updated their knowledge and practice about haemodynamic crises in the OR;
- understand the role of crisis checklists as a mean to improve patients' outcomes;
- understand the role of medication errors as a cause of major poor complications in the OR;
- understand the role of human factors, interdisciplinary and interprofessional collaboration to manage unexpected OR crises.

**Sunday**  
**26 May 2024**  
08:30-10:30  
**SimSpace 1**

**SIMHF4**  
**Critical situations in the operating room (1)**

**Sunday**  
**26 May 2024**  
11:00-13:00  
**SimSpace 1**

**SIMHF5**  
**Critical situations in the operating room (2)**





### HF

High Fidelity  
Workshop

## Challenging cases in ICU/Trauma patients

\*\* This workshop is repeated twice

**Learning objectives:** By the end of the session, participants will:

- have updated their knowledge and practice about haemorrhage, coagulopathy and shock management in ICU;
- have updated their knowledge and practice about neurological emergencies management in ICU;
- have had an update about trauma organisation to improve patients' outcomes;
- understand the role of human factors, interdisciplinary and interprofessional collaboration to manage unexpected ICU crises.

**Sunday**  
**26 May 2024**  
13:30-15:30  
**SimSpace 1**

**SIMHF6**  
**Challenging cases in ICU/Trauma patients (1)**

**Sunday**  
**26 May 2024**  
16:00-18:00  
**SimSpace 1**

**SIMHF7**  
**Challenging cases in ICU/Trauma patients (2)**





### HF

High Fidelity  
Workshop

## Challenging cases in obstetric anaesthesia

\*\* This workshop is repeated 3 times

**Learning objectives:** By the end of these sessions, participants will:

- understand the strategies described in major recommendations for obstetric crisis management in the labouring parturient;
- understand the strategies described in major recommendations for obstetric crisis management in the caesarean section environment;
- understand the role of human factors, interdisciplinary and interprofessional collaboration to manage unexpected obstetric crises.

**Monday**  
**27 May 2024**  
08:00-10:00  
**SimSpace 1**

**SIMHF8**  
**Challenging cases in obstetric anaesthesia (1)**

**Monday**  
**27 May 2024**  
10:30-12:30  
**SimSpace 1**

**SIMHF9**  
**Challenging cases in obstetric anaesthesia (2)**

**Monday**  
**27 May 2024**  
13:00-15:00  
**SimSpace 1**

**SIMHF10**  
**Challenging cases in obstetric anaesthesia (3)**

