



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**



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)