



## SIMLAB 2025 High-Fidelity Simulation



SimSpace 1

\*\*IMPORTANT NOTICE: access to HIGH-FIDELITY workshops is limited to pre-registered delegates.

**About the workshops:** During High-Fidelity (HF) simulation 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.

High-fidelity simulation allows participants to:

- 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 2025 high-fidelity simulation programme includes the following topics:



Critical situation in the Operating Room (OR)



Challenging cases in the Intensive Care Unit (ICU)



Challenging cases in adult trauma patients



Challenging cases in obstetric anaesthesia

Specific learning objectives are defined for each topic.

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

HF

High Fidelity  
Simulation

## Critical situations in the operating room



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

- have updated their knowledge and practice in haemodynamic and respiratory crises in the OR.
- understand the role of crisis checklists as a mean to improve patients' outcomes.
- understand the role of human factors, interdisciplinary and interprofessional collaboration in managing unexpected OR crises.

**Instructors:** Amaury Govaerts (Geneva, Switzerland)  
Omair Malik (Edinburgh, United Kingdom)  
Stefan Gisin (Basel, Switzerland)  
Francisco Maio Matos (Coimbra, Portugal)

HF

High Fidelity  
Simulation

Sunday  
25 May 2025  
10:30-12:30  
SimSpace 1

**SIMHF1**  
**Critical situations in the operating room (1)**

HF

High Fidelity  
Simulation

Sunday  
25 May 2025  
13:30-15:30  
SimSpace 1

**SIMHF2**  
**Critical situations in the operating room (2)**

HF

High Fidelity  
Simulation

Sunday  
25 May 2025  
16:15-18:15  
SimSpace 1

**SIMHF3**  
**Critical situations in the operating room (3)**

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## Challenging cases in the ICU

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

- have updated their knowledge and practice in haemorrhage, coagulopathy and shock management in the ICU.
- have updated their knowledge and practice in managing neurological emergencies in the ICU.
- understand the role of human factors, interdisciplinary and interprofessional collaboration in managing unexpected ICU crises.

**Instructors:** Dan Benhamou (Paris, France)  
Edward Mellanby (Edinburgh, United Kingdom)  
André Casado (Lisbon, Portugal)

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Simulation

Monday  
26 May 2025  
08:00-10:00  
SimSpace 1

**SIMHF4**  
**Challenging cases in the ICU (1)**

HF

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Simulation

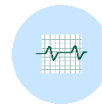
Monday  
26 May 2025  
10:30-12:30  
SimSpace 1

**SIMHF5**  
**Challenging cases in the ICU (2)**

HF

High Fidelity  
Simulation

## Challenging cases in adult trauma patients (1)



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

- have updated their knowledge and practice in the management and stabilization of trauma patients, including strategies for effective care.
- have updated their knowledge and practice in managing neurological emergencies.
- understand the role of human factors, interdisciplinary and interprofessional collaboration in managing unexpected emergencies.

**Instructors:** Rikke Borre Jacobsen (Herlev, Denmark)  
Samy Figueiredo (Paris, France)  
Vitor Almeida (Viseu, Portugal)  
Du Toit De Wet (Edinburgh, United Kingdom)

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Simulation

Monday  
26 May 2025  
13:30-15:30  
SimSpace 1

**SIMHF6**  
**Challenging cases in adult trauma patients (1)**

HF

High Fidelity  
Simulation

Monday  
26 May 2025  
16:00-18:00  
SimSpace 1

**SIMHF7**  
**Challenging cases in adult trauma patients (2)**

HF

High Fidelity  
Simulation

## Challenging cases in obstetric anaesthesia



**Learning objectives:** By the end of this session, 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 in managing unexpected obstetric crises.

**Instructors:** Mette Kristensen (Herlev, Denmark)  
Kim Ekelund (Copenhagen, Denmark)  
Maartje Van Haperen (Amsterdam, Netherlands)

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High Fidelity  
Simulation

Tuesday  
27 May 2025  
08:30-10:30  
SimSpace 1

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

HF

High Fidelity  
Simulation

Tuesday  
27 May 2025  
11:00-13:00  
SimSpace 1

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

HF

High Fidelity  
Simulation

Tuesday  
27 May 2025  
13:30-15:30  
SimSpace 1

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