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.
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)

13:30-15:30
SimSpace 1

SIMHF2
Challenging cases in paediatric anaesthesia (2)

16:00-18:00
SimSpace 1

SIMHF3
Challenging cases in paediatric intensive care
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)
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)
**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.

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<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Workshop Code</th>
<th>Workshop Title</th>
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<tbody>
<tr>
<td>Monday 27 May 24</td>
<td>08:00-10:00</td>
<td>SIMHF8</td>
<td>Challenging cases in obstetric anaesthesia (1)</td>
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<td>13:00-15:00</td>
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<td>Challenging cases in obstetric anaesthesia (3)</td>
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