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First-year of High-fidelity simulations in postgraduate training in a new Simulation Centre

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7 950 sq. meters usable area

Simulated heliport

“Hospital” floor for high-fidelity courses

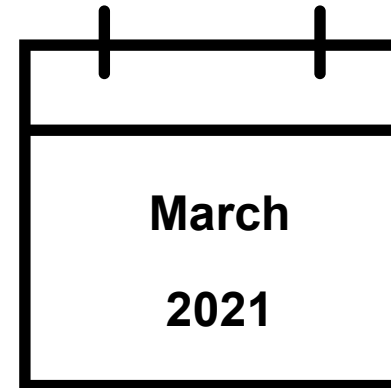
Emergency

Simulation Center of Medical Faculty of
Masaryk University



Postgraduate simulation courses

- Target group: anaesthesiologists, intensivists
- 1st course that changed everything:
 - compulsory **Simulation course of critical events** in specialty training of Anaesthesiology and Intensive care medicine



First year of one-day courses

– 12 lectors – academics from Masaryk University

1. Anaesthesia and critical events in paediatric
2. Adult anaesthesia critical events
3. Critical events in ICU
4. Critical events in paediatric

...and already some more (Basic school of ultrasound in children, Ultrasound in critical events, etc.)

Basic rules for our simulations

30 min / 1 Scenario

5 min
Preparation /
Change of
Scenario

2 min Briefing

8 min
Simulation

15 min
Debriefing

Description of courses



A two-day Simulation course of critical events

- 3 times
- 47 participants
- 19 scenarios (9 adult + 6 paediatric perioperative, 4 ICU critical events) + 2 WS for skills training



Anaesthesia and critical events in paediatric

- 4 times
- 32 participants
- 12 scenarios (6 Emergency and Pre-hospital, 6 perioperative scenarios)



Adult anaesthesia critical events

- 2 times
- 16 participants
- 11 scenarios + 1 WS for skill training

Scenarios developement



**In 9 months, 38 scenarios in “final” version.
18 new scenarios in progress.**





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Thanks for your
attention

<https://www.med.muni.cz/simu/en>



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