Perioperative Echocardiography and Lung Ultrasound
A Simulation-Based Hands-On Workshop

Venue: The Learning resource center (LRC)

Structure: one-day course with a maximum of -20 participants (from 9.00 am to 4.00 pm)

Purpose of the program and course
The course is designed to provide the participant with the basic knowledge and skills of perioperative echocardiography (TEE) and lung ultrasound.
Candidates' criteria:
Anesthesiologists, intensivists, and anyone involved in the acute care of patients.

❖ Objectives:
✓ By the end of this course the candidates will be able to
✓ Acquire the standard basic views of a TEE examination
✓ Acquire the standard views of a FOCUS TTE examination
✓ Identify normal anatomic cardiac structures by TEE and TTE
✓ Perform lung ultrasound examination
✓ Identify common lung pathologies

❖ Methodology:
- Interactive Lectures: highlighting all the topics
- Discussions: to investigate and address the participants concerns and queries
- Hands on training: using Vimedix ultrasound simulator (CAE Healthcare) to allow attendees to experience a realistic feel of TEE, TTE and lung ultrasound. Each candidate will have the opportunity to perform an examination under supervision of the faculty. There will also be a demonstration of some example pathologies on the simulator
The course is provided by

- **Prof/Dr Hossam El Ashmaway (Course director)**
  Professor of Anesthesia & surgical ICU
  Faculty of Medicine - Cairo University
  - European diploma of TEE
- **Prof/Dr Maged Salah**
  Professor of Anesthesia & surgical ICU
  Faculty of Medicine - Cairo University
  - American Board of peri-operative TEE
- **Assist Prof/Dr Dina Soliman**
  Assistant Professor of Anesthesia & surgical ICU
  Faculty of Medicine - Cairo University
  - European diploma of TEE
- **Dr Ahmed Hassanin**
  Lecturer of Anesthesia & surgical ICU, Faculty of Medicine - Cairo University
# Perioperative Echocardiography and Lung Ultrasound

## A Simulation-Based Hands-On Workshop

### 4th March 2016

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