

Anesthesia Machine Workshop



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Anesthesia Machine Workshop

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CONTRIBUTORS/SPONSORS

Northwestern Memorial Hospital
Northwestern University's
Feinberg School of Medicine
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Anesthesia Machine Workshop: *Understanding Our Work Spouse*

Saturday, February 15th, 2014

**251 East Huron Street
Feinberg Pavilion
Conference Center
Chicago, IL 60611**

DIRECTOR:

Ling Qun Hu, MD
Associate Professor of
Anesthesiology

CO-DIRECTOR:

Sherif Afifi, MD, FCCP, FCCM
Professor of Anesthesiology

VISITING PROFESSOR

Samsun Lampotang, PhD
Professor of Anesthesiology
University of Florida

WORKSHOP DESCRIPTION & FOCUS

The workshop is the most comprehensive, well - designed anesthesia machine workshop in the United States. This intensive hands-on anesthesia machine educational event includes:

1. Hands-on demonstration and practice of FDA/ASA recommended pre-use machine inspection.
2. Hands-on problem solving station with the simulator along with ten other anesthesia equipment stations.

The anesthesia machine workshop was primarily developed for housestaff, CRNAs, respiratory therapists, and anesthesia technicians although interested faculty are encouraged to attend. Participants will gain experience in anesthesia equipment usage, including opportunities to troubleshoot common problems, with an emphasis on patient safety. In addition, residents will gain knowledge to correctly answer the anesthesia equipment questions on the anesthesiology board examinations.

The workshop provides a great opportunity for participants to speak with experts from a users' and developers' perspective, the anesthesiologists and anesthesia machine/ biomedical engineers. We are pleased to have visiting professor, Samsun Lampotang, PhD, from the Department of Anesthesiology at the University of Florida to participate once again in the workshop. Dr. Lampotang is the inventor of the Virtual Anesthesia Machine (VAM) web simulator and Augmented Virtual Anesthesia Machine. The workshop is a collaboration of experienced and well-established anesthesia machine workshop faculty from several different backgrounds.

WORKSHOP OBJECTIVES

1. Expose participants to various aspects of anesthesia machine basics and safety features through hands-on simulations
2. Provide participants hands-on practice with equipment, identifying problems, locating the cause and determining workable solutions
3. Pre and post examinations are attempted to evaluate the workshop efficacy and facilitate knowledge gain.

WORKSHOP AGENDA

7:30 – 8:00	Registration & Breakfast Ms. Carolyn S. Betts
8:00 – 8:05 (Conf. A)	Welcome Ling Qun Hu, MD
8:05 – 8:30	Knowledge Assessment Exam
8:30- 3:30pm	Hands-On Rotations
11:30 -12:30	Lunch
3:00-3:30 pm	Hands-On Rotation of Your Choice
3:30-4:00pm	Post Knowledge Exam

HANDS-ON WORKSTATIONS

Do or Die (Conf A-rt)	Pre-Use Machine Inspection Meltem Yilmaz, MD Michael Alexa, CRNA
Breathing Better (Conf A-rt)	Circuit Systems Luminita Tureanu, MD Mike Aaker
Gas Station (Conf A-lft)	Vaporizers Andre DeWolf, MD Bruno DeCaria, MD David Englade, CRNA
Waste Management (Conf A-lft)	CO₂ Absorbents & Scavenging Edward A. Yaghmour, MD Shana Green, BS
Shocking (Conf B)	Electrical Safety Georges Cehovic, MD Blake Tongson, BA
Go with the Flow (Conf C)	ICU/OR Ventilators Sherif Afifi, MD Phillip Robles, CRNA
Parts & Services (Conf D)	Hypoxemia Protection Christopher Cambic, MD Doug Poole
Naked Machines (Conf E)	Augmented Virtual Anesthesia Machine Samsun Lampotang, PhD Natalie R Kozlov, MD Casey Harper, BA
Trouble Maker (Conf F)	Trouble Shooting Ljuba Stojiljkovic, MD, PhD Leonard Wade, MS
Fashion Shows (Hallway)	Advanced Anesthesia Equipment Ling Qun Hu, MD Equipment Experts

REGISTRATION FORM



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Feinberg Pavilion, 3rd Floor

Registration Deadline: February 3rd, 2014
(for non-Northwestern Anesthesiology Residents)

Name _____

Position _____

Department _____

Program _____

E-mail _____

Phone _____

Call, fax, e-mail or return this form to:

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