

Anesthesia Machine Workshop



APOLLO 3-D Anesthesia Platform

Department of Anesthesiology
Northwestern University
Feinberg School of Medicine
251 East Huron Street
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Anesthesia Machine Workshop

NORTHWESTERN FACULTY

Georges Cehovic, MD
Mark Deshur, MD
Casey Harper, BA
Ling Qun Hu, MD
Tom C. Krejcie, MD
Antoun Nader, MD
Pat Rastogi, MD
Viva Jo Siddall, MS, RRT, CCRC
Edward Yaghmour, MD
Meltem Yilmaz, MD

GUEST FACULTY

Samsun Lampotang, PhD
Professor
Department of Anesthesiology
University of Florida
Gainesville, FL 32610

Roger Johnson, CBET
Director, Anesthesia Education
Clinical Engineering Department
Children's Hospital of Wisconsin
Milwaukee, WI 53201

DRÄGER MEDICAL, INC.

Phyllis Wilson, RN, RRT
Clinical Applications Specialist
Trevor Carlisle
Anesthesia Product Specialist
Marc Jans
Anesthesia Marketing



**NORTHWESTERN
UNIVERSITY**

**Feinberg School of Medicine
Department of Anesthesiology**

Anesthesia Machine Workshop: *Understanding Our Work "Spouse"*

Sunday, November 6, 2005

Pritzker Auditorium
Feinberg Pavilion, 3rd Floor
251 East Huron Street
Chicago, IL 60611

COURSE DIRECTOR

Ling Qun Hu, MD

SPONSORS

**Northwestern Memorial Hospital
Dräger Medical, Inc. USA
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CONFERENCE AGENDA

7:30 - 8:00	Registration/Continental Breakfast Ms. Carolyn S. Betts
8:00 - 8:05	Welcome Ling Qun Hu, MD
8:05 - 8:30	Electrical Safety Georges Cehovic, MD
8:30 - 9:15	Anesthesia Machine Function Samsun Lampotang, PhD
9:15 - 9:30	Break
9:30 - 10:00	Ventilators Tom C. Krejcie, MD
10:00-10:30	Breathing Systems Mark Deshur, MD
10:30-11:00	Features to Prevent Hypoxemia Ling Qun Hu, MD
11:00-11:20	Reported/Experienced Problems Casey Harper, BS
11:20-12:00	Apollo 3-DAnesthesia Platform Roger Johnson, CBET
12:00-12:30	Lunch

HANDS-ON WORKSHOP STATIONS

Station 1: Identifying Common Machine Problems

Georges Cehovic, MD, Viva Jo Siddall, MS
Simulator Lab Galter 5th Floor Room 5-126

Station 2: Pre-Use Machine Inspection

Samsun Lampotang, PhD, Meltem Yilmaz, MD
Conference Room B

Station 3: Breathing Systems

Roger Johnson, CBET, Mark Deshur, MD
Conference Room C

Station 4: Scavenging Systems

Edward (Ted) Yaghmour, MD, Pat Rastogi, MD
Conference Room D

Station 5: Vaporizers

Tom Krejcie, MD
Conference Room E

Station 6: Anesthesia Machine Anatomy

Antoun Nader, MD, Trevor Carlisle
Conference Room A

Station 7: Advanced Anesthesia Machine

Phyllis Wilson RN, RRT, Marc Jans
Conference Room A

WORKSHOP FOCUS

The **Anesthesia Machine Workshop** is being presented by the Department of Anesthesiology at Northwestern University's Feinberg School of Medicine. This workshop has been developed to broaden the anesthesiologist's, CRNA's, and anesthesia technician's knowledge of delivery systems commonly used in practice. The goals of this workshop are to review the basic elements of anesthesia delivery systems and to provide experience trouble shooting common technical problems.

In addition, the workshop also provides an opportunity to meet experts in the field of anesthetic delivery systems. **Samsun Lampotang, PhD**, Professor from the Department of Anesthesiology at the University of Florida is the inventor of the Virtual Anesthesia Machine (VAM) web simulator. **Roger Johnson, CBET**, works in the Clinical Engineering Department at Children's Hospital of Wisconsin and is the Course Director of the Anesthesia Machine Workshop at the Medical College of Wisconsin.

WORKSHOP OBJECTIVES

- Provide an overview of inhaled anesthetic delivery system fundamentals and safety features.
- Provide participants with hands-on experience with identifying equipment problems and developing workable solutions.

DESCRIPTION

This is an intensive hands-on workshop including:

- Didactic presentations on inhaled anesthetic delivery system fundamentals and safety features by experts in the field.
- Hands-on demonstration and practice of the FDA/ASA recommended pre-use machine inspection.
- Hands-on problem solving stations, including a human patient safety simulator.
- Inside view of "cutaway" components from an anesthesia machine as well as safety mechanisms for oxygen, pneumatics, and the flow through the unit.
- Breakfast, refreshments and lunch provided.

REGISTRATION FORM

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Feinberg Pavilion, 3rd Floor

Northwestern Memorial Hospital

Registration Deadline:

November 1, 2005

*(Mandatory attendance for all
Northwestern Anesthesiology Residents)*

Name _____

Department _____

E-mail _____

Phone _____

Call, fax, or return this form to:

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