

REGISTRATION

Name _____

Title & Credentials _____

Institution _____

Address _____

Suite/Floor/Mail Code _____

City/State/Zip Code _____

Telephone _____

Fax _____

E-Mail _____

Form of Payment Check Credit Card

Card Holder Name _____

Card Number _____

Expiration Date _____

REGISTRATION FEES

A \$50 discount will apply to all participants who pay with a major credit card by March 8, 2012

\$495 (for NIOSH Approved 2-day Spirometry Course)

The fee includes course materials, lunch and continental breakfast. Students must attend both days to qualify for the NIOSH approved course certificate. Payment may be made by check or credit card.

Please visit our registration link below :

<http://www.cvent.com/d/7cq8bg>

Send Registration Form and Payment to:
Great Lakes Center
2121 W. Taylor St., Chicago, IL 60612
Tel: 312-996-6904 Fax: 312-413-7369

Great Lakes Center
UIC School of Public Health
2121 W. Taylor Street
Chicago, IL 60612

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RESPIRATORY HEALTH ASSOCIATIONSM
of Metropolitan Chicago

NIOSH-APPROVED SPIROMETRY COURSE



March 23 & 24, 2012

UIC/Great Lakes Centers
School of Public Health
2121 W. Taylor Street
Chicago, IL 60612

UIC School of Public Health Great Lakes Center
for Occupational and Environmental
Safety and Health

Respiratory Health Association
of Metropolitan Chicago

John H. Stroger, Jr. Hospital of Cook County
Division of Occupational Medicine
Division of Pulmonary Medicine

NIOSH APPROVED 2-DAY SPIROMETRY COURSE

For primary care practitioners, internists, allergists, pulmonologists, occupational medicine physicians, nurses, respiratory therapists, and their office technical staff who are, or may be, conducting spirometry.

Objectives

The objectives of this program are to teach the basics of respiratory anatomy and physiology and how occupational and environmental exposures affect the respiratory system. Participants will learn the proper techniques for obtaining valid spirometric values, as defined by NIOSH, including instrumentation and the basis for spirometric measurement, mechanics of data collection, reduction of data in accordance with the acceptability criteria, and the use of predicted values.

Our practicum instructors have extensive practical experience in spirometry testing to help participants learn proper testing procedures.

No prior training in pulmonary function testing is required. Please bring a calculator to class. If possible, please bring a print-out or tracing from your spirometer to use as a comparison during this course.

Friday, March 23, 2012

- 7:30 Registration
- 8:00 Introduction, Course Objectives, Homework Assignment
- 8:15 Pre-Test and Review of Pre-Test
- 9:00 Lecture—Respiratory Anatomy & Physiology; Indications and Contraindications for Spirometry; Basic Introduction to Forced Vital Capacity Maneuver
- 10:00 Break
- 10:15 Practicum—Preparing the Machine and Test Performance
- 12:15 Lecture—Spirometers: Types, Criteria, Calibration and Care
- 1:15 Lunch
- 2:15 Practicum—Spirometry Performance and Calculations
- 3:00 Lecture—Spirogram Tracings: Calculation and BTPS Correction
- 3:30 Lecture — Predictions and Calculations- Sources of Error and Variation
- 4:30 Practicum — Spirometry Performance and Calculations
- 6:00 Adjourn

Saturday, March 24, 2012

- 8:00 Lecture—Homework Review and Questions
- 9:00 Lecture—Predictions and Calculations: Sources of Error and Variation
- 11:00 Practicum—Calculation with Reference Values
- 12:00 Lunch
- 1:00 Lecture—Screening Spirometry and Occupational Lung Diseases
- 3:00 Practicum—Spirometry Testing and Calculations
- 4:00 Exam—Written and Practical Test
- 6:00 Adjourn

FACULTY

- Robert Cohen, MD, FCCP—Course Director**
*Director, Pulmonary Physiology and Rehabilitation
John H. Stroger Jr. Hospital of Cook County / UIC / GLC*
- JoAnn Hurd, BS, RRT, RPSGT, CPFT, AE-C**
Alternative Sleep Disorders Centers
- William Clapp, MD— Medical Director Pulmonary Physiology Laboratory, John H. Stroger, Jr. Hospital of Cook County**
- Moises Ortega, RCPT, ASCP**
*Technical Supervisor, Physiology Laboratory
John H. Stroger Jr. Hospital of Cook County*
- Mark Yoder, MD Medical Director, Respiratory Care**
Rush University Medical Center

LOCATION

School of Public Health
2121 West Taylor Street—Room 122
Chicago, IL 60612
Tel 312-996-6904 Fax 312-413-9898

CONTINUING EDUCATION CREDITS

Upon successful completion of the NIOSH approved two-day course and examination, participants will be issued a NIOSH/GLC certificate. This does not imply that the individual is a NIOSH pulmonary function technician, but that the individual has completed a NIOSH-approved course. Participants will also receive American Board of Industrial Hygiene points. They will be approved for 1.5 Industrial Hygiene CM points.

Nurses: University of Illinois at Chicago is an approved provider of continuing nursing education by the Illinois Nurses Association, an accredited approver by the American Nurses Credentialing Center's Commission on Accreditation.

Respiratory Care Practitioners: The Respiratory Health Association of Metropolitan Chicago is an approved continuing education sponsor by the State of Illinois Department of Professional Regulation for Respiratory Care Practitioners. 16 continuing education hours of credit will be awarded to respiratory care practitioners upon completion of the course.