

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 10 days before the course date.

\$475 (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. Upon full payment, course materials will be sent to student. Once course materials are mailed, course fee is nonrefundable. Replacement course materials are \$75.

Register online at www.publichealthlearning.com

Select Conference

Then select NIOSH Approved Spirometry Course

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

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



NIOSH-APPROVED SPIROMETRY COURSE

October 9 & 10, 2009

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. Individual attention is ensured by maintaining the student/instructor ratio at 6:1 or better. All practice session assistants are NIOSH-approved and have extensive spirometry experience.

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, OCTOBER 9, 2009

- 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
- 3:15 Lecture—Spirogram Tracings: Calculation and BTPS Correction
- 3:00 Lecture — Predictions and Calculations- Sources of Error and Variation
- 4:00 Practicum — Spirometry Performance and Calculations
- 6:00 Adjourn

SATURDAY, OCTOBER 10, 2009

- 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*
- Mark Yoder, MD** *Critical Care Medicine, Pulmonary— Rush Hospital*
- JoAnn Hurd, RRT, RPSGT, CPFT, AE-C** *Alternative Sleep Disorders Center, Algonquin, Illinois*
- Moises Ortega, RCPT, ASCP Technical Director**
Physiology Laboratory John H. Stroger Jr. Hospital of Cook

LOCATION

UIC/Great Lakes Centers, School of Public Health 2121 W. Taylor Street, Chicago, IL 60612 312-996-6904

Street parking available. Self-parking available at Cook County Juvenile Detention Center, 1101 S. Hamilton (1 block south of UIC/Great Lakes Center) for \$3 all day.

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 education by the Illinois Nurses Association, an accredited approved 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.

IMPORTANT ANNOUNCEMENT

Call for information regarding NIOSH-Approved Spirometry

Refresher Course. 312-9 96-6904 or e-mail syn@uic.edu