

# Spirometry 360™

January-May 2011

**EARLY ENROLLMENT DEADLINE: November 1, 2010**

**FINAL ENROLLMENT DEADLINE: December 1, 2010**

## Why Spirometry Now?

National guidelines advocate spirometry, a technique-dependent procedure that requires some training for proper administration and interpretation, as the medical standard for patients with asthma or COPD. Most of these patients are managed by primary care providers. Readily available, high quality spirometry in primary care will improve preventive health care for people with asthma and COPD, which should also improve their health and reduce the cost of acute care.

The 2011 *Spirometry 360™* training is a great opportunity for those who are new to spirometry or for those wishing to expand their knowledge, skill and confidence in this procedure. Through case-based learning and customized feedback, we train all office staff (MDs, PAs, NPs, RNs, MAs, health educators etc.) who are performing or interpreting spirometry.

This training helps to develop and improve good chronic illness care practices for asthma and COPD. The importance of planned visits, appropriate use of reimbursement codes, structured encounter forms, patient registries, and other quality improvement techniques are emphasized throughout the program.

Though efforts at further generalization are underway, the program is currently designed for use with one spirometer, the EasyOne by nnd Medical Technologies. With a few mouse clicks, participants can upload HIPAA-compliant spirometry data to a secure University of Washington (UW) server. There, clinical experts over-read the spirometry curves and provide constructive feedback on the quality of spirometry technique through monthly reports and phone calls. For practices using other spirometers, de-identified photocopies are mailed to our team and compiled into feedback reports. The intervention's impact was evaluated in a small randomized trial currently being prepared for publication. A larger randomized trial to assess the intervention's impact on health outcomes is being fielded in Spring 2010.



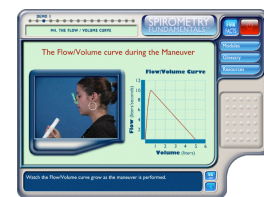
**nnd EasyOne  
spirometer**

## Who Should Attend

- Family Practice Physicians
- Internal Medicine Physicians
- Pediatricians
- Medical Assistants
- Nurse Practitioners
- Nurses
- Physician Assistants
- Respiratory Therapists

*Spirometry 360™* addresses the need for training and quality feedback for this procedure by combining the power of in-person quality improvement methods with the advantages of distance training. It includes three components:

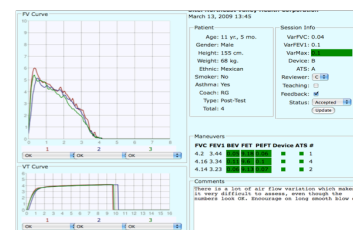
- ***Spirometry Fundamentals:*** A basic guide to lung function testing is a computer-based, self-paced instructional program that also serves as a reference tool to provide clear and consistent information about spirometry testing.



**Spirometry  
Fundamentals screen**

- The ***Spirometry Learning Lab*** webinar series provides comprehensive understanding about performing, interpreting and implementing spirometry in primary care through an interactive, virtual classroom setting. These webinars target both test administrators and interpreting providers. We have a world-class faculty experienced in delivering these interactive, case-based webinars.

- ***Spirometry Feedback:*** Personalized analysis of providers' spirometric curves offers customized monthly feedback reports by clinical experts on spirometry performed in the practice setting.



## Maintenance of Certification, Part 4

Through Seattle Children's Hospital, participation in *Spirometry 360™* now qualifies as a performance improvement project that will provide up to 25 points toward meeting **Maintenance of Certification, Part 4** requirements for the American Board of Pediatrics. We are seeking similar approval for other Boards in the American Board of Medical Specialties.

## Spirometry Learning Lab

Case-based teaching of spirometry in practice

Spirometry Learning Lab includes four 90-minute sessions taught by clinical experts including pulmonologists and respiratory therapists.

In a virtual classroom setting, participants and expert faculty discuss actual clinical cases and curve quality including common obstacles to correct coaching and interpretation. This interactive forum facilitates a deeper understanding of key concepts.

### Key Features

- Clinical experts serve as faculty
- Case-based learning with active learner participation
- Archived sessions for easy review

Session Topics	Faculty
First Coach Session <i>Performing a Good Maneuver</i>	Jeff Byrne, RRT
Provider Session <i>Evaluating Normal and Abnormal Spirometry</i>	
Family Practice	Greg Ledgerwood, MD Bruce Culver, MD
Pediatrics	Allen Dozor, MD Jim Stout, MD, MPH
Second Coach Session <i>Recognizing Common Errors</i>	Jeff Byrne, RRT Karen Smith, MD
Combined Provider & Coach Session <i>Putting It All Together, Integrating Into Daily Practice</i>	Karen Smith, MD, James Stout, MD, MPH and other faculty

**Objectives:** Upon completion of this program, attendees should be able to:

- 1) Incorporate office spirometry in a busy primary care setting, with an emphasis on efficiency and return on investment.
- 2) Perform high quality spirometry applying American Thoracic Society (ATS) guidelines.
- 3) Interpret spirometry for common respiratory conditions, including asthma and COPD.
- 4) Identify when referrals are necessary based on spirometry results.

The **interactive Medical Training Resources (iMTR)**™ group is dedicated to improving the quality of health care by advancing clinician's knowledge of procedures through distance training technologies.. iMTR™ is located at the University of Washington and led by Dr. Jim Stout. If you would like to learn more about iMTR™ and office spirometry, please visit [www.spirometrytraining.org](http://www.spirometrytraining.org). Here you will find a great general resource for anyone interested in how spirometry fits into high quality primary care. You can also contact any one of the following iMTR™ team members.

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Karen K. Smith, MD  
Medical Director  
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### Dates

*First Coach Session*

FAMILY PRACTICE - 3/2/11 - 9-10:30 PST, 12-1:30 EST  
PEDIATRICS - 3/3/11 - 9-10:30 PST, 12-1:30 EST

*Provider Session*

PEDIATRICS - 3/10/11 - 9-10:30 PST, 12-1:30 EST  
FAMILY PRACTICE - 3/9/11 - 9-10:30 PST, 12-1:30 EST

*Second Coach Session*

PEDIATRICS - 3/23/11 - 9-10:30 PST, 12-1:30 EST  
FAMILY PRACTICE - 3/24/11 - 9-10:30 PST, 12-1:30 EST

*Combined Provider & Coach Session*

PEDIATRICS - 4/13/11 - 9-10:30 PST, 12-1:30 EST  
FAMILY PRACTICE - 4/14/11 - 9-10:30 PST, 12-1:30 EST

### Enrollment Deadlines

EARLY ENROLLMENT DEADLINE: November 1, 2010  
FINAL ENROLLMENT DEADLINE: December 1, 2010

### Cost

#### **Spirometry 360™ (Learning Lab, Spirometry Fundamentals and Feedback Reports)**

#### **EARLY ENROLLMENT (signed license by 11/1/10)**

add EasyOne Device - \$1200: 1-3 people  
Other Device - \$1500: 1-3 people

#### **GENERAL ENROLLMENT (signed license by 12/1/10)**

add EasyOne Device - \$1500: 1-3 people  
Other Device - \$1800: 1-3 people

Additional participants \$100 each

#### **Spirometry Learning Lab Only**

\$400: 1-3 people  
\$100 each additional person

#### **Do You Work in a "Safety Net" Practice?**

A limited number of National Asthma Control Initiative (NACI) sponsored licenses/scholarships are available to safety net providers. Please visit [www.spirometrytraining.org](http://www.spirometrytraining.org) or contact Bonnie Rains if you are interested in learning more.

#### **Registration or Questions**

Contact Bonnie Rains at  
[rains@u.washington.edu](mailto:rains@u.washington.edu)

#### **CME Credits and CNE Contact Hours**

- The University of Washington School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.
- The University of Washington School of Medicine designates this educational activity for a maximum of 7.5 *AMA PRA Category 1 Credits*™. Physicians should only claim credit commensurate with the extent of their participation in the activity.
- The University of Washington School of Nursing is accredited as a provider of continuing education by the American Nurses Credentialing Center's Commission on Accreditation. A maximum of 7.5 contact hours are available for the completion of this educational activity.