

Spirometry Workshop



Respiratory disease is a major and growing problem in the United States and worldwide. Two of the most common respiratory diseases are asthma and Chronic Obstructive Pulmonary Disease (COPD), affecting 17 million and 30 million Americans respectively.

Spirometry is a simple yet powerful tool which gives the medical team objective information on lung function – both the type of airflow problem and the severity. It is essential in the early screening of patients at risk for COPD, in the diagnosis of asthma and COPD and in the staging of severity of both conditions.

During the one-day Spirometry Workshop, participants learn more about lung function testing — patient characteristics and preparation as well as machine characteristics, use, and maintenance. They learn to perform reliable spirometry testing and to interpret results in line with their expertise, licensure, and clinical role. This is a hands-on workshop, designed to empower health professionals to return to their clinical settings with enhanced skills in spirometry testing and interpretation.

LEARNING OBJECTIVES

At the end of this session, students will be able to

- Describe preparation and characteristics of spirometry patients and equipment.
- Perform spirometry, meeting quality assurance measures.
- Compare and contrast normal, obstructive, and restrictive spirometry tracings.
- Perform basic interpretation of spirometry tracings.

TARGET AUDIENCE

Nurses (registered nurses, licensed practical/vocational nurses, medical assistants), nurse practitioners, physician assistants, respiratory therapists, case managers, and physicians who are actively involved in the care of patients with asthma, COPD, or other respiratory conditions. Maximum benefit will be derived if the allied health professionals who attend have physician colleague support for implementing new knowledge in the practice setting.

ACCREDITATION

- **AANP.** This program has been approved for **6.0** contact hours of continuing education by the American Academy of Nurse Practitioners. Program ID 0703156.
- **AAPA.** This program has been reviewed and is approved for a maximum of **6.0** hours of AAPA Category I (Pre-approved) CME credit by the Physician Assistant Review Panel.
- **AARC.** The American Association for Respiratory Care has granted the Spirometry Workshop **6.0** hours of continuing education credit (CRCE). Provider #9380443.
- **CBRN.** The Spirometry Workshop is approved by the California Board of Registered Nursing, Provider #13556 for **6.9** contact hours.

COST

\$3,250 for up to 20 participants. Please contact the NRTC about pricing for larger groups.

*The **National Respiratory Training Center (NRTC)** is an independent, 501(c)3 nonprofit educational organization committed to improving the health of patients with respiratory and allergic disease by enhancing the knowledge and skills of the health professionals who care for them.*

NATIONAL RESPIRATORY TRAINING CENTER

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AGENDA

- 8:30-9:00 **Sign in, introductions and expectations for the day**
- 9:30-10:30 **Module One: Overview**
- 10:30-10:45 Break
- 10:45-11:45 **Module Two: Performing Spirometry**
- Being the “patient”. performing spirometry yourself with an expert coach
 - Being the coach: performing spirometry on another student
- 11:45-12:45 Lunch
- 12:45-2:30 **Module Three: Understanding spirometry interpretation**
- 2:30-2:45 Break
- 2:45-4:00 **Module Four: Case studies: Practicing spirometry interpretation**
- 4:00-4:15 **Closing remarks; next steps for learning**