



GulfThoracic
مؤتمر الخليج لطب وجراحة الصدر

DUBAI 2017

15-18 MARCH | GRAND HYATT HOTEL

The 8th Annual Congress of Saudi Thoracic Society in Collaboration with Emirates Allergy and Respiratory Society

Easy Breathing @ The Opdyke !!



Pulmonary Function Testing: Techniques and Interpretation Workshop

PROGRAM DIRECTOR: Hajed Alotaibi, PhD, RRT

Date: Wednesday, 15 March 2017 | **Time:** 14:30-19:00 | **Meeting Room:** AL MAASA



CONDUCTED BY:



GENERAL:

- Attendance is limited to **30** participants.
- Pre-registration is required, seats are limited, will be reserved on first come first served basis.
- Registration is **FREE** for all who register for the *GulfThoracic* Congress 2017, please present your congress badge. (Note: Students are not eligible for the pre-congress workshops.)



OBJECTIVES:

At the end of this workshop, participants are expected to:

- Understand basic physiology underpinning pulmonary function tests.
- Perform basic spirometry, and assess acceptability and repeatability of the test.
- Perform lung volume measurement test.
- Perform lung diffusion capacity (DLco) test.
- In clinical contexts, assess and interpret PFT results



TARGET AUDIENCE:

- Pulmonologists
- Respiratory Therapists
- Residents
- PFT Technologists
- General Practitioners



RATIONALE:

Pulmonary function test (PFT) has been the mainstay diagnostic and monitoring tool of airway and parenchymal diseases. Pulmonary function studies help to establish diagnosis and guide decisions for further treatments or interventions. There are array of PFT methods ranging from simple measurements of volume and flow to advanced measurement of gas diffusion capacity. Treatment and protocols for many pulmonary diseases emphasize the importance of PFT as a diagnostic tool. Therefore, Knowledge of PFT techniques and interpretation are essential for clinicians working with pulmonary patients.



FACULTY:



Hajed Alotaibi, PhD, RRT

Assistant Professor of Respiratory Care
Chairman, Respiratory Care Department, CAMS
Director, Respiratory care services, KFUH
University of Dammam
Dammam, Saudi Arabia



Khalid Aziz Ansari, MD, M.Phil, PhD

Assistant Professor
Department of Respiratory Care
College of Applied Medical Sciences
University of Dammam
Dammam, Saudi Arabia



Dr. Noor Al-Khathlan, BSc, MSc, PhD

Assistant Professor of Pediatric Pulmonary
Function Testing
Director of Clinical Education
Respiratory Care Department
College of Applied Medical Sciences
University of Dammam
Dammam, Saudi Arabia



Jose Rex Navarro, BSRT

Senior Clinical Instructor
RC Clinical Training Unit
Overall Coordinator
RCD-NCAAA Accreditation Project
Respiratory Care Department
College of Applied Medical Sciences
Dammam, Saudi Arabia



Prof. Sultan Ayoub Meo, MBBS, Ph.D, FRCP

Professor and Consultant in Clinical Physiology,
Department of Physiology,
College of Medicine, King Saud University
Riyadh, Saudi Arabia



PROGRAM:

| TIME | TOPIC | FACULTY |
|---------------|--|------------------------|
| 14:00 - 15:00 | Registration | |
| 15:00 - 15:15 | Welcoming Remarks | Hajed Al-Otaibi - KSA |
| 15:15 - 15:40 | Pulmonary Physiology for PFT | Khalid Ansari - KSA |
| 15:40 - 16:05 | Spirometry: Techniques and Acceptability of the Test | Hajed Al-Otaibi - KSA |
| 16:05 - 16:30 | TLC and Diffusion Capacity | Noor Al-Khatlan - KSA |
| 16:30 - 17:00 | Break | |
| 17:00 - 17:30 | Practice 1: FVC and Basic Spirometry | Jose Rex Navarro - KSA |
| 17:30 - 18:00 | Practice 2: Lung Volume Measurements | The Team |
| 18:00 - 18:30 | Practice 3: Diffusing Capacity | Jose Rex Navarro - KSA |
| 18:30 - 19:00 | Case Studies & Interpretation | Sultan Ayoub Meo - KSA |
| 19:00 | Closing Remarks | |