



GulfThoracic

مؤتمر الخليج لطب وجراحة الصدر

DUBAI 2018

14-17 MARCH | INTERCONTINENTAL - FESTIVAL CITY



The 9th Annual Congress of Saudi Thoracic Society in Collaboration with Emirates Allergy and Respiratory Society



Pulmonary Function Testing: Techniques and Interpretation Workshop

PROGRAM DIRECTOR: **Dr. Hajed Al-Otaibi**

Date: Wednesday, 14 March 2018 | Time: 14:30-19:00 | Meeting Room: Al Khayma

CONDUCTED BY:



SPONSORED BY:



COSMED
The Metabolic Company

GENERAL:

- Attendance is limited to **50** participants.
- Pre-registration is required, seats are limited, will be reserved on first come first served basis.
- Certificate of Attendance will be provided by STS with CMEs from SCFHS.
- Registration is **FREE** for all who register for the *GulfThoracic* Congress 2018, please provide proof of payment (receipt).

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
- Family medicine
- Anesthetists
- 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.



Pulmonary Function Testing: Techniques and Interpretation Workshop

FACULTY:



Hajed Alotaibi, PhD, RRT
President, Saudi Society of Respiratory Care (SSRC)
Assistant Professor of Respiratory Care
Chairman, Respiratory Care Department, CAMS
Director, Respiratory Care Services, KFUH
Imam Abdulrahman Bin Faisal University
Dammam, Saudi Arabia



Khalid Aziz Ansari, MD, M.Phil., PhD
Assistant Professor
Respiratory Care Department, CAMS
Imam Abdulrahman Bin Faisal University
Dammam, Saudi Arabia



Rasha A. Al Battat, BSRT, RPFT
Senior Pulmonary Function Technologist
Respiratory Therapy Department
King Fahad Specialist Hospital - Dammam
Dammam, Saudi Arabia



Prof. Sabah Hussain, MD, PhD
Professor, Department of Medicine,
Division of Experimental Medicine,
Faculty of Medicine, McGill University
Senior Scientist, RI-MUHC, Glen Site
Translational Research in Respiratory Diseases
Program
Québec, Canada



Jose Rex Navarrosa, RTRP
Senior Clinical Instructor
Respiratory Care Department, CAMS
Imam Abdulrahman Bin Faisal University
Dammam, Saudi Arabia

PROGRAM:

TIME	TOPIC	FACULTY
14:30 - 15:00	Registration	
15:00 - 15:15	Welcoming Remarks	Hajed Al-Otaibi - KSA
15:15 - 15:40	Pulmonary functions physiology	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	Jose Rex Navarrosa - KSA
16:30 - 17:00	COFFEE BREAK	
17:00 - 17:30	Practice 1: FVC and Basic Spirometry	Hajed Al-Otaibi - KSA
17:30 - 18:00	Practice 2: Lung Volume Measurements	Jose Rex Navarrosa - KSA
18:00 - 18:30	Practice 3: Diffusing Capacity	Rasha Al Battat - KSA
18:30 - 19:15	Case Studies & Interpretation	Sabah Hussain - Canada
19:15	Closing Remarks	Hajed Al-Otaibi - KSA