Pulmonary Function Testing: Techniques and Interpretation

CONDUCTED BY:

الجمعية السعودية للرعاية التنفسية
Saudi Society for Respiratory Care

PROGRAM DIRECTOR: Dr. Hajed Al Otaibi (KSA)

14:00 – 19:00 | **WEDNESDAY, 09 MARCH 2016** | **MEETING ROOM: AL MAASA**

GENERAL:

- Attendance is limited to 30 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.
- Registration is FREE for all who register for the *Gulf*Thoracic Congress 2016, please provide proof of payment (receipt).

OBJECTIVE:

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.

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FACULTY:

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TIME	TOPIC	SPEAKER
14:00 - 15:00	Registration	
15:00 - 15:15	Welcome 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 Khathlan - KSA
16:30 - 17:00	**COFFEE BREAK**	
17:00 - 17:30	Practice 1: FVC and Basic Spirometry	Jose Rex Navarrosa - KSA
17:30 - 18:00	Practice 2: Lung Volume Measurements	Marwah A. Wakkas - KSA
18:00 - 18:30	Practice 2: Diffusing Capacity	Rasha A. Al Battat - KSA
18:30 - 19:00	Case Studies & Interpretation	Omar A. Al Rawas - Oman
	Closing Remarks	Hajed Al Otaibi - KSA