4th Pediatric Flexible Bronchoscopy Course

Hands-on training (animal models)
International, Regional, and National Faculties

Targeted Audience:
- Pediatric Pulmonologists, Neonatologists, Pediatric Intensivists, Anesthesiologists, Otolaryngologists, Pediatric and Chest Surgeons, and Pediatric Emergency physicians.
- Anyone interested to learn Pediatric Flexible Bronchoscopy.

2nd Flexible Bronchoscopy Assistant Training Course
11-12 February 2014

Targeted Audience:
- Endoscopy & Operation-Room Nurses
- Respiratory Therapists
- Anesthesia and Endoscopy Technologist

Accredited by the:
The Saudi Commission for Health Specialties
12 CME HOURS

VENUE: Post-Graduate Auditorium & Surgical Suite in Comparative Medicine Centre, KFSH&RC
Welcome Note from the Chairman of the Organizing Committee

On behalf of the organizing committee, I am honored to welcome you all to the "4th Pediatric Flexible Bronchoscopy Course" from 11-13 Rabia Al Thani1435 AH (11-13 February 2014) in King Faisal Specialist Hospital & Research Centre (KFSH&RC), Riyadh, Saudi Arabia.

Nowadays, Pediatric Flexible Fiberoptic Bronchoscopy (FFB) is considered as a safe diagnostic and interventional tool, even in young or extremely premature infants. FFB plays an important role in evaluating and sometimes managing children respiratory conditions. Competency in FFB has been considered as integral part of training for physicians in programs involving but not limited to: Pulmonology, ENT, ICU, Emergency, and Surgery.

This Course program have been carefully designed to provide participants with both theory and skills needed to enable them to handle FFB with foundational knowledge of its history, indications, uses, complications, limitations, training requirements and maintenance. The program will include lectures, hands-on sessions on both in-animated & animated models by a highly experienced pediatric bronchoscopists.

Parallel to this event we are also, going to host the "2nd Flexible Bronchoscopy Assistant Training Course" from 11-12 Rabiah Al-Thani 1435 (11-12 February 2014). This course is designed for Nurses from Endoscopy and Operation Rooms, Respiratory Therapists and Technologists working in endoscopy and anesthesia, to learn the skills and knowledge related to assistant role for flexible bronchoscopy.

This course will take place in Postgradate Centre Auditorium (for lecture part) and Comparative Medicine Centre (for hands-on practice) both in King Faisal Specialist Hospital & Research Centre (KFSH&RC), Riyadh, Saudi Arabia. It should be clear for our participants to remember that attending this course does not give them the privilege to practice FFB unless they have gone through a "training program" that meets the required standards as described by the licensing organizations in their countries.

I would like to express my sincere appreciation to all our participants, our local, regional, and international speakers, as well to our sponsors who have actively contributed to the success of this important endeavor.

I wish you all a fruitful and enjoyable time during our course. Your active participation will give an important boost to the success of this activity. We warmly welcome your evaluation and comments during and at the end of the course.

Sincerely,

Sami Alhaider, MD
Consultant, Pediatric Respillogist and Interventionist
Department of Pediatrics
King Faisal Specialist Hospital & Research Centre
Organizing Committee

Dr. Sami Alhaider MD
Consultant, Pediatric Respiriologist & Interventionist
KFSH&RC, Riyadh - Saudi Arabia
Chairman Organizing Committee

Members

Dr. Hanaa Banjar MD
Consultant Pediatric Pulmonologist
KFSH&RC, Riyadh - Saudi Arabia

Mr. Guus Jansen
Head Nurse, Endoscopy Unit
KFSH&RC, Riyadh Saudi Arabia

Dr. Ibrahim Almogarri MD
Consultant Pediatric Pulmonologist
KFSH&RC, Riyadh - Saudi Arabia

Dr. Abdallah Mohamed Assiri
Scientist
Chairman, Department of Comparative Medicine
King Faisal Specialist Hospital & Research Centre

Dr. Raafat ElSayed DVM, MVSc
Head of Experimental Surgery
Comparative Medicine Department
KFSH&RC, Riyadh - Saudi Arabia

Mr. Adnan Almahrouq
Clinical Nurse Coordinator
Ambulatory Care Nursing

Dr. Ibrahim Janahi
Head & Senior Consultant Pediatric Pulmonology;
Hamad Medical Corporation, Doha Qatar

Dr. Nizar Kherallah
Consultant Pediatric Pulmonology;
Sheikh Khalifa Medical City, Abu Dhabi UAE

Dr. Adel Alharbi
President, Saudi Pediatric Pulmonology Association (SPPA)
Consultant Pediatric Pulmonology & Pediatric sleep medicine
Prince Sultan Military Medical City, Riyadh Saudi Arabia

Dr. Abdullah Al-Shamrani
Consultant Pediatric Pulmonology
King Fahad Medical City, Riyadh Saudi Arabia

Scientific Committee
Speakers

Prof. Robert E. Wood
Professor of Pediatrics and Otolaryngology
Director, Pediatric Bronchology
Cincinnati Children’s Hospital Medical Center,
Cincinnati, Ohio, USA

Dr. Ibrahim Janahi
Head & Senior Consultant Pediatric Pulmonology,
Hamad Medical Corporation, Doha Qatar

Dr. Nizar Kherallah
Consultant Pediatric Pulmonology,
Sheikh Khalifa Medical City, Abu Dhabi UAE

Dr. Adel Alharbi
President, Saudi Pediatric Pulmonology Association (SPPA)
Consultant Pediatric Pulmonology & Pediatric Sleep Medicine
Prince Sultan Military Medical City, Riyadh, Saudi Arabia

Dr. Abdullah Al-Shamrani
Consultant Pediatric Pulmonology
King Fahad Medical City, Riyadh Saudi Arabia

Dr. Sami Alhaider
Consultant Pediatric Pulmonology
King Faisal Specialist Hospital & Research Centre
Riyadh, Saudi Arabia

Dr. Fahad Al Jofan
Consultant Pediatric Intensivist
Director: PICU Fellowship Training Program
King Faisal Specialist Hospital & Research Centre
Riyadh, Saudi Arabia

Mr. Guus Jansen
Head Nurse, Endoscopy Unit
King Faisal Specialist Hospital & Research Centre
Riyadh, Saudi Arabia

Prof. Ahmed Al-Ammar
Professor & Consultant Pediatric Otolaryngology
ORL Department, King Abdulaziz University Hospital
Faculty of Medicine, King Saud University

Dr. Tarek Hafez Youssef
Consultant & Section Head: Pediatric Anesthesia;
Department of Anesthesiology
King Faisal Specialist Hospital & Research Centre

Dr. Abdullah Alkhorayyef
Consultant Pediatric Pulmonology
Prince Sultan Military Medical City
4th Pediatric Flexible Bronchoscopy Course
Hands-on training (animal models)
International, Regional, and National Faculties

Targeted Audience:
- Pediatric Pulmonologists, Neonatologists, Pediatric Intensivists, Anesthesiologists
- Otolaryngologists, Pediatric and Chest Surgeons, and Pediatric Emergency physicians.
- Anyone interested to learn Pediatric Flexible Bronchoscopy.

In addition to:
2nd Flexible Bronchoscopy Assistant Training Course
11-12 February 2014

Targeted Audience:
- Endoscopy & Operation-Room Nurses
- Respiratory Therapists.
- Anesthesia and Endoscopy Technologist

Accredited by the:
The Saudi Commission for Health Specialties
12 CME Hours

11-13 February 2014 • 11-13 Rabia Al Thani 1435 H
VENUE: Post-Graduate Auditorium & Surgical Suite in Comparative Medicine Centre, KFSH&RC
Day-One
Tuesday 11 February 2014

Lectures
Venue: Post-Graduate Centre

08:15-08:40
Introductions to Bronchology and Bronchoscopy
Dr. Sami Alhaider

08:45-09:05
Basic science-I: Anatomy, Physiology for Bronchoscopist
Dr. Adel Alharbi

09:05-09:30
Basic science-II: Pathology of airway
Dr. Abdullah Alkhorayyef

09:30-09:55
Competency and training in Flexible Bronchoscopy
Dr. Ibrahim Al-Janahi

10:00-10:20
Coffee Break

10:25-10:55
Driving lessons in Flexible Bronchoscopy
Dr. Abdullah Alshamrani

10:55-11:25
Flexible Bronchoscopy in Pediatric critical care units
Dr. Fahad Al Jofan

11:25-11:55
Bronchoscopy program: Organization & operation
Dr. Ibrahim Al-Janahi

12:00-13:15
Dhuhor Payer & Lunch

Hands-on Sessions
Venue: Post-Graduate Centre

13:15-14:45
Workshop-1: Introduction to Flexible Bronchoscopy-I:
   Driving lessons on in-animated models
Dr. Ibrahim Al-Janahi, Dr. Adel Alharbi, Dr. Abdullah Alkhorayyef

14:45-16:00
Workshop-2: Video session: study cases
Dr. Abdullah Al-Shamrani, Dr. Sami Alhaider
Day-Two
Wednesday 12 February 2014

Hands-on Sessions
Venue: Comparative Medicine Centre

08:30-10:00
Workshop-3: Introduction to Flexible Bronchoscopy -II:
Driving lessons on animated models
Dr. Abdullah Alkhorayef, Dr. Sami Alhaider

10:00-10:25
Dhuhor Payer & Lunch

10:30-11:45
Workshop-4: Bronchoalveolar lavage on animated models
Dr. Abdullah Al-Shamrani, Dr. Nizar Kherallah

11:45-12:55
Dhuhor Payer & Lunch

Lectures
Venue: Post-Graduate Centre

13:00-13:25
Preparation for Flexible Bronchoscopy: When, Where, & How?!
Dr. Nizar Kherallah

13:30-13:55
Caring for Bronchoscopes
Mr. Guus Jansen

14:00-14:25
Bronchoalveolar Lavage (BAL)
Dr. Nizar Kherallah

14:30-15:25
Invited Distinguished Speaker:
“49 ways to get the wrong answer from Flexible Bronchoscopy”
Prof. Robert Wood

15:30-16:00
Meet the Expert
Prof. Robert Wood

08:00-08:30
Breakfast
Day Three
Thursday 13 February 2014

Workshops
(Endoscopy suite, PGC classroom, and microbiology Lab.)

08:15-08:40
Interventional Bronchoscopy
Dr. Sami Alhaider

08:40-10:15
Workshop-5: BAL Processing workshop
Microbiology & Cytology stations
Microbiology & Cytology lab. tutors

10:15-10:35
Coffee Break

10:40-11:50
Workshop-6: Endoscopy suite:
Technical glimpse and instrument sterilization Lab
Mr. Adnan Almahrouq

11:55-13:00
Dhuhor Payer & Lunch

13:00-13:30
Sedation/Anesthesia for Bronchoscopy
Dr. Tariq Youssef

13:35-14:00
Rigid Bronchoscopy
Prof. Ahmad Alammar

14:05-14:30
Complications of Flexible Bronchoscopy
Dr. Adel Alharbi

14:35-15:00
Closing Remarks,
Evaluation forms & Distribution of Certificate
Dr. Sami Alhaider

Break fast
2nd Flexible Bronchoscopy Assistant Training Course

Targeted Audience:
- Endoscopy & Operation-Room Nurses
- Respiratory Therapists.
- Anesthesia and Endoscopy Technologist

Accredited by the:
The Saudi Commission for Health Specialties

9 CME HOURS

11-12 February 2014 • 11-12 Rabia Al Thani 1435 H

VENUE: Post-Graduate Auditorium & Surgical Suite in Comparative Medicine Centre, KFSH&RC
## PROGRAM

4th Flexible Bronchoscopy Assistant Training Course  
11-13 February 2014 (11-13 Rabia Al Thani 1435 AH)

**Day-One**  
**Tuesday 11 February 2014**

### Lectures

**Venue:** Post-Graduate Centre

**08:15-08:40**  
*Introductions to Bronchology and Bronchoscopy*  
*Dr. Sami Alhaider*

**08:45-09:05**  
*Basic science-I: Anatomy, Physiology for Bronchoscopist*  
*Dr. Adel Alharbi*

**09:05-09:30**  
*Basic science-II: Pathology of airway*  
*Dr. Abdullah Alkhorayyef*

**09:30-09:55**  
*Competency and training in Flexible Bronchoscopy*  
*Dr. Ibrahim Al-Janahi*

**10:00-10:20**  
*Coffee Break*

**10:25-10:50**  
*Driving lessons in Flexible Bronchoscopy*  
*Dr. Abdullah Alshamrani*

**10:55-11:20**  
*Flexible Bronchoscopy in Pediatric critical care units*  
*Dr. Fahad Al Jofan*

**11:25-11:55**  
*Bronchoscopy program: Organization & operation*  
*Dr. Ibrahim Al-Janahi*

**12:00-13:15**  
*Dhuhor Payer & Lunch*

### Hands-on Sessions

**Venue:** Post-Graduate Centre

**13:15-14:45**  
*Workshop-1: Introduction to Flexible Bronchoscopy*  
Preparation, instrumentation, and assistant role  
Supervised by faculty from endoscopy unit

**14:45-16:00**  
*Workshop-2: Endoscopy suite:*  
Technical glimpse and instrument sterilization Lab  
Supervised by faculty from endoscopy unit
Day-Two
Wednesday 12 February 2014

WORKSHOPS
Venue: Comparative Medicine Centre

08:30-10:00
Workshop-3:
Practice of assistant role during Flexible Bronchoscopy
Supervised by faculty from endoscopy unit

10:00-10:25
Dhuhor Payer & Lunch

10:30-11:45
Workshop-4:
Bronchoalveolar lavage on animated models: assistant role
Supervised by faculty from endoscopy unit

11:45-12:55
Dhuhor Payer & Lunch

Lectures
Venue: Post-Graduate Centre

13:00-13:25
Preparation for Flexible Bronchoscopy: When, Where, & How?!
Dr. Nizar Kherallah

13:30-13:55
Caring for Bronchoscopes
Mr. Guus Jansen

14:00-14:25
Bronchoalveolar Lavage (BAL)
Dr. Nizar Kherallah

14:30-15:25
Invited Distinguished Speaker:
“49 ways to get the wrong answer from Flexible Bronchoscopy”
Prof. Robert Wood

15:30-16:00
Meet the Expert
Prof. Robert Wood

08:00-08:30
Breakfast