

# International fellowship courses

Shahid Beheshti University of Medical Sciences with cooperation of Iranian Society of Pulmonology organizes international two-month fellowship courses with the aim of helping to improve medical practices.

Educational programs are developed to cover four different groups including fellows, residents, interns and medical students.

## Mission

We are determined to gain international fame as an active prosperous center in providing medical services in the field of Sarcoidosis. Holding training courses and workshops and the related retraining scores and facilitate the notification processes and participation in fellowship courses and workshops affiliated to Shahid Beheshti University of



## Application documents

The following items are required as part of your application:

A brief CV (including a list of publications)

A letter of motivation

A scanned copy of your passport or national identity card

## Basic and Advanced training courses on Interventional Pulmonology >>>

Our team focuses on obtaining a diagnosis and treatment plan in the most efficient, rapid and least invasive manner.

The syllabus covers:

- Rigid bronchoscopy
- Flexible bronchoscopy
- Cryobiopsy
- Sonography of pleural space
- Bronchoalveolar lavage
- Biopsy of lung or lymph node
- Airway stent (bronchial stent)
- Balloon bronchoplasty
- Foreign body removal
- Pleuroscopy
- Thoracentesis
- Pleurodesis
- Indwelling pleural catheter
- Bronchial thermoplasty
- Interventional Pulmonary Diagnostics
- Endobronchial ultrasound system (EBUS)
- How to overcome Interventional Pulmonology Risks and Limitations

## How to overcome Interventional Pulmonology Risks and Limitations >>>

How to overcome uncommon complications of interventional pulmonology procedures include:

- Pneumothorax (collapsed lung)
- Bleeding
- Oversedation, leading to pneumonia or the need for temporary life support



## Duration:

We provide the two-months educational courses for Sarcoidosis. Educational programs are developed to cover different groups including:

- Fellows
- Residents
- Interns

Contact us at **+98-912-8497577**

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[info@chestnet.ir](mailto:info@chestnet.ir)

or on the web at [www.sa.sbmu.ac.ir](http://www.sa.sbmu.ac.ir)

**Address:** Laser and Bronchoscopy Ward, Masih Daneshvari Hospital, Niavaran St., Tehran, Iran

## Airway Management training course

The syllabus covers such topics as:

- Heart conditions
- Basic life support and cardio pulmonary resuscitation
- Understand the principles of defibrillation
- UK Resuscitation Council guidelines
- Safe use of an AED
- Familiarise with using an AED
- Plenty of practice time operating an AED
- Review chain of survival



## Training programs with peers

Learn new skills in and hands-on course on managing massive hemoptysis and critically ill patients led by international experts.

### Experience on ICU issues

- Hands-on practice, including Cognitive testing on issues pertinent in the ICU
- Skills testing on managing massive hemoptysis and bronchoscopy-guided percutaneous tracheostomy



## Training Course on Sarcoidosis

The syllabus covers:

Bronchoscopic Modalities to Diagnose Sarcoidosis

- Cardiac Sarcoidosis: Questions for the Clinician
- Neurosarcoidosis
- Cutaneous Sarcoidosis
- Ocular Sarcoidosis
- Other Extra-pulmonary Visceral Involvement
- Parasarcoidosis Syndromes
- Evaluation of Pulmonary Sarcoidosis
- Roentgenogram, CT, and MRI in Sarcoidosis
- Nuclear Imaging in Sarcoidosis
- Quality of Life in Sarcoidosis
- Biomarkers in Sarcoidosis

## CPAP and BiPAP Awareness training course >>>

The course delivers an overview of each of these air delivery systems, the reasons for their use, their benefits and possible side effects. The applied practical workstation & simulated practical assessment can only be provided if the equipment is available on site

The syllabus covers such topics as:

- What is CPAP & BiPAP
- How CPAP works
- Who might need CPAP
- CPAP overview, benefits and side effects
- How BiPAP works
- Who might need BiPAP
- BiPAP overview, benefits and side effects



## Suction, Ventilators and Nebuliser training

### Course Summary

- Oxygen transport and usage
- Hypoxia causes and management
- High and low concentration oxygen
- Equipment used including ventilators
- Nebulisers and their efficacy

## Research & Development >>>

Due to presence of proficient researchers and experienced scientific staff and with the aim of serving the community, we support all interested researchers to implement and promote those research projects, new discoveries and innovations, which are in the line with mentioned fields.