

- ❖ **Name & Designation** : Dr. Sourin Bhuniya, Assistant Professor.
- ❖ **Address** : Dept. of Pulmonary Medicine, AIIMS, Sijua, Bhubaneswar 751019.
- ❖ **Name of the International Conference/ Seminar/Symposium/Workshop** : Chest World congress -2014.
- ❖ **Title of the abstract accepted** : Evaluation of Spontaneous Pneumothorax in Eastern Part of India
- ❖ **Date & Venue** : 21-24th March, 2014, Madrid, Spain.
- ❖ **Money sanctioned** : Rs 39,710/-
- ❖ **Money reimbursed** : Rs 39,710/-

Participation Report

Chest world congress-2014 was a premier conference organized by the American College of Chest Physicians (ACCP), with the support of the Spanish Society of Pneumology and Thoracic Surgery (SEPAR) held in Madrid, Spain from 21-24 March 2014.

This ground-breaking event is the first global gathering of leading respirologists, critical-care physicians, sleep specialists, cardiothoracic surgeons and allied healthcare professionals from all regions of the world to share best clinical practice.

There were many innovative education sessions, patient-simulated exercises, problem based learning sessions, postgraduate courses, panel discussions, meet the professors and many more interesting sessions which focused on improving our clinical practice.

New development resulting from the conference:

The Chest World Congress-2014 focused on the latest trends in Pulmonary Medicine. There were extensive sessions on the controversies surrounding the important aspects of Pulmonary Medicine in order to improve the clinical care of the respiratory patients. Besides, original research work and interesting case reports were presented by researchers in the field of Respiratory medicine from across the world.

The newer developments which caught my special attention were, the role of Rituximab in diffuse lung disease, the efficacy of inhaled N-Acetylcysteine in Interstitial lung disease, the role of endobronchial valves in the treatment of persistent bronchopleural fistula, the role of Sialic acid value in pleural effusion as a diagnostic marker for malignancy and the effectiveness of telenursing on lung function in patients with heart failure, to name a few. I was also fascinated by the simulation program for various bronchoscopic procedures like transbronchial lung biopsy, Transbronchial needle aspiration and EBUS etc. Such program can shorten the learning curve for various bronchoscopic procedures and is good for the safety of patients also. I also learned about newer pulmonary function test machines, cardiopulmonary exercise testing systems and sleep systems. I learnt about Impulse Oscillometry, which is a new method for measuring lung functions. It can be useful in children and in other patients who are not able to perform spirometry.

My contribution:

I had presented my research work on 22nd March 2014 during the poster session from 1.15 – 2.15 PM. Experts in the field of Pleural diseases headed by Dr. Lee evaluated my poster which was titled, **“Evaluation of Spontaneous Pneumothorax in Eastern Part of India”**. We had a discussion on the topic for about 10 minutes and the faculty members were impressed by the findings of my study. Mr Lee was interested to know about the smoking prevalence in India and I briefed him about the same.

I took active part in the various sessions and expressed my views and opinions during the discussions with the experts in the respective fields from across the globe.

 16/4/14.
Dr. Sourin Bhuniya

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