

- ❖ **Name & Designation** : Dr. Prem Parkash Gupta, Professor
- ❖ **Address** : Deptt. of TB & Respiratory Medicine, Pt. BD Sharma
Postgraduate Institute of Medical Sciences, Rohtak-124001
- ❖ **Name of the International Conference/
Seminar/Symposium/ Workshop** : Chest-2014
- ❖ **Title of the abstract accepted** : 1. High resolution computed tomography characteristics of
chronic obstructive pulmonary disease in non-smoking
subjects. 2. Clinical characteristics of chronic obstructive
pulmonary disease in non-smoking subjects.
- ❖ **Money sanctioned** : ₹ 1,00,000/-
- ❖ **Money reimbursed** : ₹ 1,00,000/-

Participation Report

I attended CHEST 2014 Conference from 25-10-2014 to 30-10-2014 at Austin, Texas, USA held at Austin Convention Center; the conference was organized by American College of Chest Physicians (ACCP). ACCP is a Scientific Society of nearly 18,700 professionals from over 100 different countries who are dedicated to preventing, diagnosing, and treating chest diseases. Around 4,500 -5,000 delegates attended this Chest Conference, representing more than 100 countries. There were more than 400 General Sessions, Postgraduate courses, Simulation programs, Sessions with keynote speakers, Original investigation presentations, new diagnostic and treatment solutions in the Clinical Resource Center. More than 900 focused clinical education presentations delivered at the meeting are also be available online.

ACADEMIC HIGHLIGHTS OF THE CONFERENCE

CHEST 2014 Conference organized hundreds of sessions focusing on relevant pulmonary, critical care, and sleep topics; which were presented in a variety of formats, giving us choices for hands-on simulation, case- and problem-based presentations, small-group interactive discussions, lectures, self-study opportunities, and more. The delegates from all over the world attended the conference. Reputed international faculty was present to deliver the recent advances in the field. The scientific programme covered multiple disciplines of Respiratory Medicine.

NEW DEVELOPMENT PRESENTED IN THE CONFERENCE

Ebola-focused Sessions

There were two Ebola-focused sessions:

Session 1: Caring for Patients with Ebola: Experience from the Front Lines

Monday, October 27, 7:30 AM - 8:30 AM, Ballroom E

Monday, October 27, 1:30 PM - 2:30 PM, Ballroom E

Session 2: CHEST/SCCM Preparing for Ebola: Practical ICU Considerations

Monday, October 27, 11:00 AM - 12:00 PM, Ballroom E

Monday, October 27, 3:15 PM - 4:15 PM, Ballroom E

Session one included firsthand experiences from clinicians managing the care of patients with Ebola both in the United States and globally. Session two featured personal protective equipment (PPE) demonstrations in collaboration with the Society of Critical Care Medicine (SCCM), as well as best practices for preparing for disasters and pandemics from the newly released care of the critically ill and injured during pandemics and disasters.

Simulation Sessions

Half-day courses offered intensive learning experiences.

SEGS: Simulation-Enhanced General Sessions

Small breakout sessions featured case-based discussions and hands-on learning opportunities.

Subject Track for Education Performance

Helped in building on knowledge learned throughout the day. Topics presented in three corresponding session types form the basis of a subject track to enhance the learning experience.

NEW DEVELOPMENTS RESULTING FROM THE CONFERENCE:

Recent updates were delivered on following topics:

Surgical treatment of lung cancer	Non-invasive ventilation
Integrated care in respiratory disease	Treatments for thoracic malignancies
Pulmonary rehabilitation	Management of cystic fibrosis
Gene expression in lung disease	Exercise testing in respiratory assessment
Environmental impact on respiratory health	Diagnosis and management of COPD
Asthma and occupational allergy	Interstitial lung disease
New approaches to the treatment of pneumonia	Interventional pulmonology
Pulmonary arterial hypertension	Obstructive sleep apnoea
Priorities for tuberculosis research	Update on lung transplantation
Asthma in children	Lung imaging
Smoking cessation	Tissue plasticity in the developing lung