



# VIRTUAL NAPCON 2020 – SCIENTIFIC PROGRAMME

## THURSDAY, 28<sup>th</sup> JANUARY 2021

TIME	HALL - A	HALL - B	HALL - C	HALL - D	HALL - E
9:00 - 10:15	<p><b>Symposium on Pulmonary Imaging - I</b> <i>Hot Topics in Pulmonary Imaging</i></p> <p>Chair : A S Natarajan, Rajesh Venkat, S N Gupta, Kiran Vishnu Narayan</p> <p>Hypersensitivity pneumonitis and interstitial lung anomalies - understanding the new guidelines and position papers. <b>Bhavin Jankharia (20 mins)</b></p> <p>Post-COVID lung - what does this mean and its implications. <b>Ashu Seth Bhalla (20 mins)</b></p> <p>Subsolid nodules. <b>Aparna Irodi (20 mins)</b></p> <p><b>Q &amp; A (15 mins)</b></p>	<p><b>Symposium on Respiratory Infections - I</b> <i>A Non-Robust antibiotic pipeline</i></p> <p>Chair : Vivek Nangia, Ajmal Khan, Sourin Bhuniya, Ajeet Singh</p> <p>Omadacycline : A New and Improved Tetracycline. <b>B K Menon (15 mins)</b></p> <p>Triple-drug antibiotic : A combination of Imipenem ,Cilastatin and Relebactam. <b>Tanushree Gahlot (15 mins)</b></p> <p>Lefamulin : A new antibiotic for community-acquired pneumonia. <b>Subodh Pandey (15 mins)</b></p> <p>The forgotten antibiotic Octapeptin: to combat MDR organisms. <b>Vipul Kumar (15 mins)</b></p> <p><b>Q &amp; A (15 mins)</b></p>	<p><b>Symposium on Asthma - I</b> <i>Current status in Asthma</i></p> <p>Chair : Lavina Mirchandani, Lalita Fernandes, Bharat Bhushan Sharma, Anand Srivastava</p> <p>Small Airways in the management of asthma. <b>J K Samaria (15 mins)</b></p> <p>Extra-fine corticosteroid for inhaled use. <b>Jaymohan Unnithan (15 mins)</b></p> <p>Impulse oscillometry. <b>Mahavir Modi (15 mins)</b></p> <p>FENO. <b>Rajesh Swarnakar (15 mins)</b></p> <p><b>Q &amp; A (15 mins)</b></p>	<p><b>Symposium for International Guest Speakers - I</b></p> <p>Chair : S K Jindal, Padma Shri Randeep Guleria, Richa Gupta, Prajwol Shreshtha (Nepal)</p> <p>Is COVID respiratory failure different? Management of COVID ARDS. <b>Kalpalatha Guntupalli (USA) (20 mins)</b></p> <p>Asthma- COPD overlap syndrome. <b>Dharani Narendra (USA) (20 mins)</b></p> <p>Overview of Pulmonary Arterial Hypertension. <b>Namita Sood (USA) (20 mins)</b></p> <p><b>Q &amp; A (15 mins)</b></p>	<p><b>Symposium on Critical care : The Need of the Hour - I</b></p> <p>Chair : R Vijai Kumar, Shailesh Bihari (Australia), Anirban Sarkar, Amith Sreedharan</p> <p>Interpretation of ABG in ICU. <b>Supriyo Sarkar (15 mins)</b></p> <p>Bronchoscopy in ICU. <b>Vijay Hadda (15 mins)</b></p> <p>Echocardiography in a difficult to wean patient. <b>Shivesh Prakash (Australia) (15 mins)</b></p> <p>Lung microbiome in predicting outcomes in critically ill patients. <b>Avdhes Bansal (15 mins)</b></p> <p><b>Q &amp; A (10 mins)</b></p>

<p><b>10:15 - 11:15</b></p>	<p><b>Panel Discussion on COVID-19 - I</b></p> <p><i>Nebulization as a risk factor for the transmission of SARS-CoV-2 and other contagious infections</i></p> <p>Moderator: S K Katiyar</p> <p>Panelists : Lalit Singh, P Prabhudesai, P S Shajahan, Pratibha Singhal , Radha Munje, Santosh Kumar(Agra)</p> <p><b>Q &amp; A (10 mins)</b></p>	<p><b>Panel discussion on Lung Cancer</b></p> <p><i>Low-dose computed tomography (LDCT) screening for the early detection of lung cancer</i></p> <p>Moderator : Padma Shri D Behera</p> <p>Panelists : Anand Jaiswal, B Jayaprakash, Rajesh Swarnakar, Mandeep Garg, Shubham Garg</p> <p><b>Q &amp; A (10 mins)</b></p>	<p><b>Symposium on Best Papers - I</b></p> <p>Chair : Ramakant Dixit, Anupam Patra, Rahul Sharma, Ashish Agarwal</p> <p><b>10 Best Papers in Pulmonary and Critical Care (2019-20).</b> Rajesh Chawla (30 mins)</p> <p><b>6 Best Papers in Pleural Diseases.</b> D J Christopher (20 mins)</p> <p><b>Q &amp; A (15 mins)</b></p>	<p><b>Debate on COVID-19 - I</b></p> <p>Chairpersons : Angira Dasgupta, Jayalakshmi T K, Lalit Singh, Sandeep Katiyar</p> <p><i>Post- COVID pulmonary fibrosis : the potential role for anti -fibrotic therapy.</i></p> <p>Potential role. Neeraj Gupta vs No role . Venugopal Panicker (12 + 4 + 1 mins each)</p> <p><b>5 Best Papers in ILD - I</b> B V Murali Mohan (20 mins)</p> <p><b>Q &amp; A (5 mins)</b></p>	<p><b>Symposium on COVID-19 : The Disaster of the Century - I</b> <i>Cytokine release syndrome (COVID-19 CRS)</i></p> <p>Chair : Dhruva Chaudhry Definition and Diagnosis. Vijay Hadda (10 mins) Pathogenesis. J V Peter (10 mins)</p> <p><b>Panel Discussion on Management of CRS - A Case Based Approach</b> Moderator : Dhruva Chaudhry</p> <p>Panelists : Anant Mohan, Harpreet Singh, Sushila Kataria, Kapil Zirpe, Rahul Pandit (35 mins)</p> <p><b>Q &amp; A (5 mins)</b></p>
<p><b>11:15 - 12:45</b></p>	<p><b>National College of Chest Physicians (India) - Prof. Dr. S. N. Gaur Young Scientist Award (11:15 - 13:00)</b></p> <p><b>Chair : Rakesh Bhargava, Arti Shah, Ashish Tandon, Arjun Khanna</b></p> <p>Physical characteristics, aerodynamics, and transmission of aerosols. <b>Ritabrata Mitra (15 mins)</b></p> <p>Cough, sneezes, and talking – the natural aerosol generating manoeuvres during health and disease. <b>Sudhir Chaudhri (15 mins)</b></p> <p>What is the fate of aerosols and how true is the '2-metre rule' ?. <b>Anivita Aggarwal (15 mins)</b></p> <p>How to control or minimize the potential risk of transmission of infection from the aerosols from natural sources and aerosol generating procedures (AGP's). <b>Prashant Prakash (15 mins)</b></p> <p>Home air purifiers - how useful ?. <b>Shubhra Jain (15 mins)</b></p> <p><b>Q &amp; A (15 mins)</b></p>	<p><b>Symposium on COVID-19 : The Disaster of the Century - II</b> <i>Dynamics of Aerosols, droplets, and airborne transmission : current perspective</i></p> <p><b>Chair : Rakesh Bhargava, Arti Shah, Ashish Tandon, Arjun Khanna</b></p> <p>Physical characteristics, aerodynamics, and transmission of aerosols. <b>Ritabrata Mitra (15 mins)</b></p> <p>Cough, sneezes, and talking – the natural aerosol generating manoeuvres during health and disease. <b>Sudhir Chaudhri (15 mins)</b></p> <p>What is the fate of aerosols and how true is the '2-metre rule' ?. <b>Anivita Aggarwal (15 mins)</b></p> <p>How to control or minimize the potential risk of transmission of infection from the aerosols from natural sources and aerosol generating procedures (AGP's). <b>Prashant Prakash (15 mins)</b></p> <p>Home air purifiers - how useful ?. <b>Shubhra Jain (15 mins)</b></p> <p><b>Q &amp; A (15 mins)</b></p>	<p><b>Symposium on Pleural Diseases</b></p> <p>Chair : Sukumaran P, Mohd. Shameem, Amit Dhamija, Adesh Kumar</p> <p>Conservative versus Interventional treatment for spontaneous pneumothorax. <b>D J Christopher (15 mins)</b></p> <p>Pleurodesis in malignant pleural effusion. <b>Rakesh Chawla (15 mins)</b></p> <p>Hepatic hydrothorax. <b>Anirban Sarkar (15 mins)</b></p> <p>Role of fibrinolytics in the era of thoracoscopy. <b>(Brig.) M S Barthwal (15 mins)</b></p> <p>Endoscopic management of bronchopleural fistula (BPF). <b>Amir Khoja (15 mins)</b></p> <p><b>Q &amp; A (15 mins)</b></p>	<p><b>Japan Anti-TB Association (JATA) International Symposium</b> <i>TB control and care in Japan - Challenge towards Ending TB</i></p> <p><b>Chair : Ikushi Onozakii (Japan)</b> <b>Co-Chair : Kosuke Okada (Japan)</b></p> <p>Introduction. <b>Ikushi Onozakii (Japan) (10 mins)</b></p> <p>Epidemiological shift of TB in Japan and recent challenges to join low burden countries . <b>Lisa Kawatsu (Japan) (15 mins)</b></p> <p>TB care for the elderly . <b>Takashi Yoshiyama (Japan) (15 mins)</b></p> <p>TB laboratory : developing new things based on techniques of the past. <b>Satoshi Mitarai (Japan) (15 mins)</b></p> <p>Roles of Physicians and Professional society towards ending TB. <b>Seiya Kato (Japan) (15 mins)</b></p> <p><b>Q &amp; A and Closing Remarks (20 mins)</b></p>	<p><b>Symposium on Bronchiectasis</b></p> <p><b>Chair : P K Gupta, P T James, Bindu C G, Avik Ghoshal</b></p> <p>Bronchiectasis : The re-emergence of a challenge. <b>Ashok Shah (15 mins)</b></p> <p>Airway clearance techniques for bronchiectasis. <b>Animesh Ray (15 mins)</b></p> <p>Radiology in bronchiectasis. <b>A S Natarajan (15 mins)</b></p> <p>Management of bronchiectasis, guidelines in adults, and associated anxiety and depression. <b>Gayathri Devi H J (15 mins)</b></p> <p>Long-term antibiotics - role of inhaled/nebulised antibiotics : a new dawn. <b>Manoj Panigrahi (15 mins)</b></p> <p><b>Q &amp; A (15 mins)</b></p>

<p><b>12:45 - 14:00</b></p>	<p><b>Practice-changing Research in TB (13:00 - 14:05)</b></p> <p><b>Chair : Subhakar Kandi, N C Kajal, Savita Jindal, Anivita Aggarwal</b></p> <p>Primary Clofazimine and Bedaquiline Resistance among Isolates from patients with Multidrug-Resistant Tuberculosis. <b>Sonam Spalgais (8 mins)</b></p> <p>Clofazimine Exposure in vitro selects Efflux Pump Mutants and Bedaquiline Resistance. <b>Amitesh Gupta (8 mins)</b></p> <p>Amikacin Liposome Inhalation Suspension for Treatment-Refractory Lung Disease caused by Mycobacterium avium Complex (CONVERT). A Prospective, Open-Label, Randomized Study. <b>Ajay Verma (8 mins)</b></p> <p>Phase 2b controlled trial of M72/AS01E Vaccine to prevent Tuberculosis and Prevention of M. tuberculosis infection with H4:IC31 Vaccine or BCG Revaccination. <b>Ajo Jose (8 mins)</b></p> <p>Surgical face masks worn by patients with multidrug-resistant tuberculosis: impact on infectivity of air on a hospital ward. <b>Amit Agarwal (8 mins)</b></p> <p>Diagnostic value of pleural fluid T-SPOT for tuberculous pleurisy: An updated meta-analysis . <b>Nishant Kumar Chauhan (8 mins)</b></p> <p>An Inhalable Theranostic system for local Tuberculosis treatment containing an Isoniazid loaded metal organic framework Fe-MIL-101-NH2- From raw MOF to drug delivery system. <b>Prajwol Shrestha (Nepal) (8 mins)</b></p> <p><b>Q &amp; A (9 mins)</b></p>	<p><b>Symposium on Lung Cancer - I</b></p> <p><b>Chair : P R Mohapatra, J K Saini, Lancelot Pinto, Loganathan N</b></p> <p>Emerging biomarkers in lung cancer diagnostics - time to put away the biopsy needle?. <b>Padma Shri D Behera (15 mins)</b></p> <p>The electronic nose (E-nose) technology for lung cancer detection. <b>Irfan Ismail Ayub (15 mins)</b></p> <p>Liquid biopsy in lung cancer : an update. <b>Uma Devaraj (15 mins)</b></p> <p>Lung cancer in young patients (&lt; 30 years). <b>Paramjyothi G K (15 mins)</b></p> <p><b>Q &amp; A (15 mins)</b></p>	<p><b>Symposium on National Guidelines, Consensus reports &amp; Position papers - I</b></p> <p><b>Chair : Alok Nath, Anurag Agarwal (Dehradun), Mayank Mishra, Poonzughali Rajaji</b></p> <p>ISCCM guidelines for the use of non-invasive ventilation in acute respiratory failure in adult ICUs (2020). <b>Sudha Kansal (15 mins)</b></p> <p>Tracheostomy in Adult Intensive Care Unit: An ISCCM Expert Panel Practice Recommendations (2020). <b>Suresh Ramasubban (15 mins)</b></p> <p>Indian Society of Critical Care Medicine Position Statement for Central Venous Catheterization and Management (2020). <b>Trinath Dash (15 mins)</b></p> <p>Guidelines of the Indian Society for Sleep Research (ISSR) for Practice of Sleep Medicine during COVID-19 (2020). <b>Sushant Meshram (15 mins)</b></p> <p><b>Q &amp; A (15 mins)</b></p>	<p><b>Symposium on International Guidelines, Consensus reports &amp; Position papers - I</b></p> <p><b>Chair : (Brig.) Debajyoti Bhattacharya, D P Dwivedi, D K Manoj, Suraj Verma</b></p> <p>Antimicrobial de-escalation in critically ill patients: a position statement from a task force of the European Society of Intensive Care Medicine (ESICM) and European Society of Clinical Microbiology and Infectious Diseases (ESCMID) Critically Ill Patients Study Group (ESGCIP) (2020). <b>S N Gupta (15 mins)</b></p> <p>American Association for Bronchology and Interventional Pulmonology (AABIP) Statement on the Use of Bronchoscopy and Respiratory Specimen Collection in Patients with Suspected or Confirmed COVID-19 Infection (2020). <b>Girish Sindhwani (15 mins)</b></p> <p>Expert consensus-based clinical practice guidelines management of intravascular catheters in the intensive care unit - The French Society of Intensive Care Medicine (2020). <b>Roseleen Kaur Bali (15 mins)</b></p> <p>Emerging respiratory infections threatening public health in the Asia-Pacific region: A position paper of the Asian Pacific Society of Respiriology (2019). <b>P Jabeed (Qatar) (15 mins)</b></p> <p><b>Q &amp; A (15 mins)</b></p>	<p><b>Symposium on Pulmonary Vascular Disorders - I</b></p> <p><b>Chair : Vishal Chopra, Venugopal Panicker, K K Sharma, Pushpendra Verma</b></p> <p>The new definition and updated classification of pulmonary hypertension. <b>Ajit Vigg (15 mins)</b></p> <p>Genetics and genomics of pulmonary arterial hypertension. <b>B V Murali Mohan (15 mins)</b></p> <p>Diagnostic tools for screening PAH. (Air Commodore) <b>Ajay Handa (15 mins)</b></p> <p>Risk assessment in pulmonary arterial hypertension. <b>Bindu C G (15 mins)</b></p> <p><b>Q &amp; A (15 mins)</b></p>
<p><b>14:00 - 14:45</b></p>	<p><b>LUNCH BREAK</b></p>				

<p><b>14:45 - 16:30</b></p>	<p><b>Asian-Pacific Society of Respirioloogy (APSR) International Symposium on COVID-19 in Asia-Pacific</b></p> <p><b>Chair : David Lam (Hong Kong) , Yuanlin Song (China), Emily Stone (Australia)</b></p> <p>Opening Remarks . <b>David Lam (5 mins)</b></p> <p>Clinical research on and trials for COVID-19 in Japan. <b>Akihito Yokoyama [Japan Respiratory Society (JRS)] (6 mins)</b></p> <p>Measures to COVID-19 in Australia and New Zealand: Policy to guard against virus spreads. <b>Bruce Thompson [Thoracic Society of Australia and New Zealand (TSANZ)] (6 mins)</b></p> <p>The key to contain COVID-19: The Taiwan Model. <b>Shih-Chi Ku [Taiwan Society of Pulmonary &amp; Critical Care Medicine (TSPCCM)] (6 mins)</b></p> <p>How to build effective COVID-19 community communication in Indonesia. <b>Fathiyah Isbaniah [Indonesian Society of Respirology (ISR)] (6 mins)</b></p> <p>How did Singapore overcome big wave of COVID-19? <b>Adrian Chan [Singapore Thoracic Society (STS)] (6 mins)</b></p> <p>Dealing with COVID-19 Pandemic in Malaysia. <b>Syazatul Syakirin Sirol Aflah [Malaysian Thoracic Society (MTS)] (6 mins)</b></p> <p>Key Measures to control the Second Big Wave of COVID-19 in Sri Lanka. <b>Bodhika Samarasekera [Sri Lanka College of Pulmonologists (SLCP)] (6 mins)</b></p> <p>COVID-19 response in Mongolia. <b>Tumur-Ochir Tsedev-ochir [Mongolian Respiratory Society (MRS)] (6 mins)</b></p> <p>Additional measures to cope with the recent new wave of COVID-19 in Hong Kong. <b>Raymond Liu [The Hong Kong Thoracic Society (HKTS)] (6 mins)</b></p> <p><b>Q &amp; A (40 mins)</b></p> <p><b>Closing Remarks</b></p>	<p><b>International Symposium (Australian) on Critical Care (14:45 - 16:10)</b></p> <p><b>Chair : Deepak Talwar, Avdhesh Bansal, Animesh Ray, Kavitha Venkatnarayan</b></p> <p>Sodium burden in ICU. <b>Shailesh Bihari (Australia) (15 mins)</b></p> <p>Update on ARDS. <b>Andrew Bersten (Australia) (20 mins)</b></p> <p>Veno-venous (VV) ECMO in ICU. <b>Ubbo Wiersema (Australia) (20 mins)</b></p> <p>Coagulopathy in Liver failure in ICU. <b>Russell Laver (Australia) (20 mins)</b></p> <p><b>Q &amp; A (10 mins)</b></p> <hr/> <p><b>Industry Session (20 mins) (16:10 - 16:30)</b></p> <p>Current status of Mepolizumab use in Severe Asthma – A Case-Based Approach</p> <p>Case 1 <b>(Brig.) Ashok Rajput (7 mins)</b></p> <p>Case 2 <b>Priti Meshram (7 mins)</b></p> <p><b>Q &amp; A (6 mins)</b></p>	<p><b>Symposium on OSA - I Obstructive Sleep Apnoea in Children (14:45 - 16:00)</b></p> <p><b>Chair : J C Suri, B P Singh, Ghulam Hassan, Saurabh Mittal</b></p> <p>Updates on paediatric obstructive sleep apnoea. <b>Avik Ghoshal (UK) (15 mins)</b></p> <p>OSA and UARS - same or different disease? <b>Dhrubajyoti Roy (15 mins)</b></p> <p>Anti-inflammatory medications for OSA in children. <b>George D'Souza (15 mins)</b></p> <p>Surgical management versus non-surgical management for obstructive sleep-disordered breathing in children. <b>Sonia Dalal (15 mins)</b></p> <p><b>Q &amp; A (15 mins)</b></p> <hr/> <p><b>Industry Session (BOEHRINGER - INGELHEIM) (30 mins) (16:00 - 16:30)</b></p> <p><b>Chair : Prahlad Prabhudesai</b></p> <p>SSc-ILD - When to add Nintedanib? <b>Sujeet Rajan (15 mins)</b></p> <p><b>Q &amp; A (15 mins)</b></p>	<p><b>Symposium on Non-Tubercular Mycobacterial Infections</b></p> <p><b>Chair : Radha Munje, B K Meghwal, Anil Kumar Jain, Rajiv Garg</b></p> <p>Increased risk of nontuberculous mycobacterial infection with long-term inhaled corticosteroid therapy. <b>S K Luhadia (15 mins)</b></p> <p>Pharmaco-therapeutic approaches in Non-tuberculous Mycobacterial pulmonary disease (NTM-PD). <b>K B Gupta (15 mins)</b></p> <p>Treatment of extra-pulmonary non-tuberculous mycobacterial diseases. <b>Indira Kumari (15 mins)</b></p> <p>Inhaled antibiotics for NTM lung disease. <b>Kapil Salgia (15 mins)</b></p> <p>Looking beyond typical treatments for Atypical Mycobacteria. <b>Rajendra Prasad (15 mins)</b></p> <p>Surgical treatment of pulmonary Non-Tuberculous Mycobacterial infections. <b>Rajashekara Reddy (15 mins)</b></p> <p><b>Q &amp; A (15 mins)</b></p>	<p><b>Symposium on COPD - I Precision Medicine in COPD</b></p> <p><b>Chair: J K Samaria, N K Gacchayat, Jogesh Sarma, Gourahari Pradhan</b></p> <p>Clinical phenotypes of COPD. <b>Angira Dasgupta (15 mins)</b></p> <p>Biomarkers of COPD and their relevance in management. <b>K P Suraj (15 mins)</b></p> <p>Frequent exacerbators. <b>Girija Nair (15 mins)</b></p> <p>Biomass smoke COPD. <b>P A Mahesh (15 mins)</b></p> <p>Roflumilast : not for everyone. <b>Deependra Rai (15 mins)</b></p> <p>COPD mortality and phenotypes. <b>Avya Bansal (15 mins)</b></p> <p><b>Q &amp; A (15 mins)</b></p>
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<p>16:30 - 18:30</p>	<p align="center"><b><u>NCCP(I)</u></b> <b><u>ORATIONS</u></b></p> <p>Chair : P. D. Motiani (President) S. N. Gaur (Secretary)</p> <p>NCCP(I) - Prof. Dr. Raman Vishwanathan Memorial Chest Oration . <i>Medical Education in India : Present Scenario and Future Challenges.</i> Surender Kashyap</p> <p>NCCP(I) - Prof. Dr. A. S. Paintal - Prof. Dr. R. C. Jain Memorial Chest Oration . <i>My journey of Pulmonary Interventions and Innovations in ICU.</i> Manoj Goel</p> <p>NCCP(I) - Prof. Dr. P. S. Shankar - Prof. Dr. K. C. Mohanty Chest Oration. <i>Herd Immunity : Hope or Hype ?.</i> Nikhil Sarangdhar</p> <p>NCCP(I) - Prof. Dr. S. K. Jain - Prof. Dr. S. K. Katiyar Chest Oration. <i>Tuberculosis and Diabetes-an unpleasant partnership.</i> H M Kansal</p>	<p align="center"><b>ORATIONS IN HALL A</b></p>	<p align="center"><b>ORATIONS IN HALL A</b></p>	<p align="center"><b>ORATIONS IN HALL A</b></p>	<p align="center"><b>ORATIONS IN HALL A</b></p>
<p>18:30 - 19:30</p>	<p align="center"><b>NCCP (India) Annual General Body Meeting</b></p>				
<p>19:30 - 21:00</p>	<p align="center"><b>CULTURAL PROGRAM</b></p>				

# FRIDAY, 29<sup>th</sup> JANUARY 2021

TIME	HALL - A	HALL - B	HALL - C	HALL - D	HALL - E
<b>9:00 - 10:30</b>	<p style="text-align: center;"><b>Symposium on Dust and Environment related disorders</b></p> <p>Chair : V K Jain, P Jabeed (Qatar), Sameer Singhal, Sonali Trivedi</p> <p>Silicosis: Is it a systemic disease?. <b>Ramakant Dixit (15 mins)</b></p> <p>Accelerated silicosis in artificial stone versus natural stone silicosis. <b>P D Motiani (15 mins)</b></p> <p>Talc's mesothelioma connection. <b>P K Gupta (15 mins)</b></p> <p>Global epidemic of malignant pleural mesothelioma and the latency period of asbestos use. <b>U C Ojha (15 mins)</b></p> <p>Lungs in coir workers. <b>P S Shajahan (15 mins)</b></p> <p style="text-align: center;"><b>Q &amp; A (15 mins)</b></p>	<p style="text-align: center;"><b>Symposium on Respiratory Infections - II</b></p> <p>Chair : George D'Souza, Vishak Acharya, Anitha Kumari, H J Singh</p> <p>The growing threat of antibiotic resistance. <b>Samir Sahu (15 mins)</b></p> <p>Inappropriate use of antibiotics in respiratory tract infections. <b>Sanjeev Mehta (15 mins)</b></p> <p>Mechanisms of antibiotic resistance. <b>Parvaiz Koul (15 mins)</b></p> <p>ESKAPE pathogens and strategies to combat these in the era of antimicrobial resistance. <b>Vivek Nangia (15 mins)</b></p> <p>Rapid diagnosis of pulmonary infections in ICU setting. <b>Mrinal Sircar (15 mins)</b></p> <p style="text-align: center;"><b>Q &amp; A (15 mins)</b></p>	<p style="text-align: center;"><b>Symposium on COVID-19 : The Disaster of the Century - III</b></p> <p>Chair : S K Sharma, Sanjeev Nair, M M Puri, Kumar Utsav Samaria</p> <p>From SARS and MERS to COVID-19: a comparison of severe acute respiratory infection caused by three highly pathogenic human coronaviruses. <b>Narayan Mishra (15 mins)</b></p> <p>Stability of SARS-CoV-2 and SARS-CoV-1 in aerosols and different surfaces. <b>Saurabh Karmakar (15 mins)</b></p> <p>Post exposure prophylaxis for COVID-19. <b>Zia Hashim (15 mins)</b></p> <p>Management of asthma during SARS-CoV-2 infection. <b>Sitesh Roy (15 mins)</b></p> <p>COPD and COVID-19. <b>Agam Vora (15 mins)</b></p> <p style="text-align: center;"><b>Q &amp; A (15 mins)</b></p>	<p style="text-align: center;"><b>Symposium on ILD (Sarcoidosis)</b></p> <p>Chair : B V Murali Mohan, Naveen Dutt, Harjit Dumra, Deepak Aggarwal</p> <p>Environmental risk factors for sarcoidosis. <b>Vishwanath Gella (15 mins)</b></p> <p>Thoracic sarcoidosis imaging including atypical manifestations. <b>Priya Ramchandran (15 mins)</b></p> <p>New treatment strategies for pulmonary sarcoidosis. <b>Sahajal Dhooria (15 mins)</b></p> <p>Refractory sarcoidosis . <b>S K Jindal (15 mins)</b></p> <p>Bronchoscopic interventions in sarcoidosis. <b>Ravindra Mehta (15 mins)</b></p> <p style="text-align: center;"><b>Q &amp; A (15 mins)</b></p>	<p style="text-align: center;"><b>Symposium on OSA - II</b></p> <p>Chair : Vikram Sarbhai (UAE), Himanshu Garg, Gopal Raval, Varun Patel</p> <p>Phenotypic subtypes in obstructive sleep apnoea - a step towards precision management. <b>Alpa Dalal (15 mins)</b></p> <p>Asymptomatic OSA - our approach. <b>A G Ghoshal (15 mins)</b></p> <p>Obesity-hypoventilation syndrome. <b>Dipti Gothi (15 mins)</b></p> <p>Sleep and breathing disturbances in patients with COPD at high altitude. <b>A K Singh (Lucknow) (15 mins)</b></p> <p>Sudden death in obstructive sleep apnoea. <b>Kripesh Sarmah (15 mins)</b></p> <p style="text-align: center;"><b>Q &amp; A (15 mins)</b></p>
<b>10:30 - 11:30</b>	<p style="text-align: center;"><b>Panel Discussion on TB - I</b></p> <p><i>Widening horizons of GeneXpert and interpretation of results</i></p> <p>Moderator : Subhakar Kandi</p> <p>Panelists : Amita Nene, Bhavini Shah, V K Singh, V P Myneedu, Jai Kishan K, M M Puri</p>	<p style="text-align: center;"><b>Panel Discussion on Asthma - I</b></p> <p><i>Better understanding and management of asthma through tools of modern technology</i></p> <p>Moderator : Virendra Singh</p> <p>Panelists: B Vidyasagar , Bharat Bhushan Sharma, H J Singh, Indranil Halder, (Brig.) M S Barthwal, Ruchi Dua</p>	<p style="text-align: center;"><b>Panel Discussion on COPD - I</b></p> <p><i>Newer bronchodilators in the management of COPD</i></p> <p>Moderator : S K Jindal</p> <p>Panelists: Basanta Hazarika, Nitin Jain, G N Srivastava , P Ravindran, S Raju, Sukumaran P, Tarang Kulkarni</p>	<p style="text-align: center;"><b>Panel discussion on COVID-19 - II</b></p> <p><i>Role of various pharmacological interventions in the management of COVID-19</i></p> <p>Moderator : Vivek Nangia</p> <p>Panelists : Anand Kumar, Fathahudeen Abdul, Ravindra Sarnaik, S K Sharma, Shashi Bhushan, Sushmita Roychowdhury</p>	<p style="text-align: center;"><b>Practice-changing Research in Respiratory Infections</b></p> <p>Chair : Parvaiz Koul, H M Kansal, (Col.) S P Rai, Vipul Kumar</p> <p>Oral Lefamulin vs Moxifloxacin for early clinical response among adults with Community-Acquired bacterial pneumonia - The LEAP 2 RCT . <b>Ajeet Singh Shaktawat (8 mins)</b></p> <p>Empirical Anti-MRSA vs Standard antibiotic therapy and Risk of 30-Day mortality in patients hospitalized for Pneumonia. <b>Rennis Davis (8 mins)</b></p>

					<p>Blood Culture results before and after Antimicrobial administration in patients with severe manifestations of Sepsis : A Diagnostic Study. <b>Shyam Krishnan (8 mins)</b></p> <p>Efficacy and Safety of Cefiderocol vs. High-Dose Meropenem in patients with nosocomial pneumonia. <b>Mukesh Goyal (8 mins)</b></p> <p>In situ identification of Gram-negative bacteria in human lungs using a topical fluorescent peptide targeting Lipid A. <b>Nirupam Sharan (8 mins)</b></p> <p>Antimicrobial properties of Apismellifera's Bee Venom. <b>Parul Mrigpuri (8 mins)</b></p>
	<b>Q &amp; A (10 mins)</b>	<b>Q &amp; A (10 mins)</b>	<b>Q &amp; A (10 mins)</b>	<b>Q &amp; A (10 mins)</b>	<b>Q &amp; A (10 mins)</b>
<b>11:30 - 13:00</b>	<p><b>Indian Chest Society - Dr. J. C. Kothari Young Scientist Award (11:30 - 13:15)</b></p>	<p><b>Symposium on Paediatric Respiratory Allergy</b></p> <p>Convenor : H Paramesh</p> <p>Imbalance of homeostasis in pediatric respiratory allergy. <b>H Paramesh (20 mins)</b></p> <p>Diagnosis of allergic airway diseases. <b>T U Sukumaran (20 mins)</b></p> <p>Current Therapeutics of Airway Diseases. <b>Sharad Agarkedkar (20 mins)</b></p> <p>Update on Immunotherapy in Paediatric Airway Allergies. <b>K Nagaraju (20 mins)</b></p>	<p><b>Symposium on Stem Cell therapy in Lung Diseases - A Futuristic perspective</b></p> <p>Chair : <b>Girish Sindhwani, Rohit Kumar, Abha Mahashur, Vishakha Kapadia</b></p> <p>Mesenchymal stem/stromal cells (MSC): a promising therapeutic approach for the treatment of lung diseases. <b>P S Shankar (15 mins)</b></p> <p>Stem cell therapy for chronic obstructive pulmonary disease: current status. <b>Puneet Khanna (15 mins)</b></p> <p>Cell-based therapy for idiopathic pulmonary fibrosis. <b>D P Dwivedi (15 mins)</b></p> <p>Mesenchymal stem cell therapy for acute respiratory distress syndrome. <b>S Yuvarajan (15 mins)</b></p> <p>The potential of mesenchymal stem cell-based therapy for COVID-19. <b>Vishnu Sharma (15 mins)</b></p>	<p><b>Practice-changing Research in COVID -19 - I</b></p> <p>Chair : <b>Alladi Mohan, Sanjeev Sinha, Ajay Lanjewar, Anil Sontakke</b></p> <p>Signs and symptoms to determine if a patient presenting in primary care or hospital outpatient settings has COVID-19 disease . <b>Saurabh Mandilwar (8 mins)</b></p> <p>Convalescent plasma or hyperimmune immunoglobulin for people with COVID-19 : a rapid review. <b>Ashesh Dhungana (Nepal) (8 mins)</b></p> <p>Medical masks vs N95 respirators for preventing COVID-19 in healthcare workers: A systematic review and meta-analysis of randomized trials. <b>Shikha Jindal Gupta (8 mins)</b></p> <p>COVID-19 Systematic Urgent Review Group Effort (SURGE) Study Authors. Physical distancing, face masks, and eye protection to prevent person-to-person transmission of SARS-CoV-2 and COVID-19: a systematic review and meta-analysis. <b>Kavitha Venkatnarayan (8 mins)</b></p>	<p><b>Symposium on Interventional Pulmonology - I What's New ?</b></p> <p>Chair : <b>(Lt. Gen. Retd.) BNBM Prasad, R Narasimhan, V R Pattabhi Raman, T Balamugesh</b></p> <p>Forbearance with Stents. <b>Atul Mehta (USA) (20 mins)</b></p> <p>High definition HD+ with image enhancement technology (i- scan) in bronchoscopy. <b>Nagarjuna Maturu (15 mins)</b></p> <p>Electromagnetic navigation bronchoscopy for peripheral pulmonary lesions. <b>Tinku Joseph (15 mins)</b></p> <p>Ultra-thin and thin bronchoscope for peripheral pulmonary lesions. <b>Pratibha Singhal (15 mins)</b></p> <p>Single use flexible bronchoscopes in COVID-19 pandemic. <b>Ashutosh Sachdeva (USA) (15 mins)</b></p>
				<b>Q &amp; A (8 mins)</b>	<b>Q &amp; A (10 mins)</b>

				<p><b>Practice-changing Research in Asthma</b></p> <p><b>Chair : Uma Devaraj, Trinath Dash, Tarang Kulkarni, Shyam Krishnan</b></p> <p>Combined Analysis of Asthma Safety Trials of Long-Acting <math>\beta</math>2-Agonists. <b>Manoj K Agarwal (8 mins)</b></p> <p>Efficacy and Safety of Dupilumab in Glucocorticoid-Dependent Severe Asthma. <b>Rahul Sharma (8 mins)</b></p> <p>Six-Year Follow-up of a Trial of Antenatal Vitamin D for Asthma Reduction. <b>Anand Srivastava (8 mins)</b></p> <p>Social media based surveillance systems for healthcare using machine learning: A systematic review. <b>Ritisha Bhatt (8 mins)</b></p> <p>Machine learning approaches to personalize early prediction of asthma exacerbations. <b>Piyush Arora (8 mins)</b></p>	
		Q & A (10 mins)	Q & A (15 mins)	Q & A (10 mins)	
<b>13:00 - 14:00</b>	<p><b>Debate on Asthma - I (13:15 - 14:00)</b></p> <p><b>Chair : (Brig.) Ashok Rajput, Agam Vora, B Vidyasagar, Ruchi Dua</b></p> <p><b><i>Budesonide versus Fluticasone: which to use as inhaled corticosteroid ?</i></b></p> <p>Budesonide . (Lt. Col.) Manu Chopra vs Fluticasone. P Arjun (12 + 4 + 1 mins each)</p> <p><b>Q &amp; A (5 mins)</b></p>	<p><b>Debate (13:00 - 13:40)</b></p> <p><b><i>13-valent pneumococcal conjugate vaccine (PCV13) versus 23-valent pneumococcal polysaccharide vaccine (PPSV23) versus both : A Triangular Debate</i></b></p> <p><b>Chair : Mohan Kumar Thekkinkattil, Abhay Uppe, Rennis Davis</b></p> <p><i>For 13-valent vaccine.</i> Parvaiz Koul (10 + 3 mins) vs <i>For 23-valent vaccine</i> Rajesh Venkat (10 + 3 mins) vs <i>For Both</i> Anshuman Mukhopadhyay (10 + 3 mins)</p>	<p><b>Symposium on Best Papers - II</b></p> <p><b>Chair : Davis Paul, Supriyo Sarkar, Tariq Mahmood, Brijesh Prajapat</b></p> <p><b>8 Best Papers in Lung Cancer.</b> Anant Mohan (25 mins)</p> <p><b>5 Best Papers in ILD - II.</b> Virendra Singh (20 mins)</p>	<p><b>Practice-changing Research in Critical Care</b></p> <p><b>Chair : (Col.) Vikas Marwah, Thomas Vadakkan, Gyanendra Agarwal, Ankit Bansal</b></p> <p>Treatment with allogeneic mesenchymal stromal cells for moderate to severe acute respiratory distress syndrome (START study): a randomised phase 2a safety trial. <b>Amith Sreedharan (8 mins)</b></p> <p>Biomarker-guided antibiotic stewardship in suspected ventilator-associated pneumonia (VAPrapid2): a randomised controlled trial and process evaluation. <b>Muthu Valiappan (8 mins)</b></p> <p>Effect of Stress Ulcer prophylaxis with Proton Pump Inhibitors vs Histamine-2 Receptor Blockers on In-Hospital mortality among ICU patients receiving invasive mechanical ventilation: PEPTIC trial. <b>Ajay Verma (8 mins)</b></p>	<p><b>Practice-changing Research in Obstructive Sleep Apnoea</b></p> <p><b>Chair : Rajnish Gupta, Gayathri Devi H J, Kripesh Sarmah, Saurabh Mittal</b></p> <p>Effect of Telemedicine Education and Telemonitoring on Continuous Positive Airway Pressure Adherence. The Tele-OSA Randomized Trial. <b>Mahavir Modi (8 mins)</b></p> <p>Effect of Venlafaxine on Apnea-Hypopnea Index in Patients With Sleep Apnea: A Randomized, Double-Blind Crossover Study. <b>Pratibha Dogra (8 mins)</b></p> <p>The Combination of Atomoxetine and Oxybutynin Greatly Reduces Obstructive Sleep Apnea Severity. A Randomized, Placebo-controlled, Double-Blind Crossover Trial. <b>P Arjun (8 mins)</b></p>

		<p align="center"><b>Industry Session (SANOFI - PASTEUR) (20 mins) (13:40 - 14:00)</b></p> <p>Impact of Influenza and Influenza Vaccination on Chronic Obstructive Lung Disease (COPD). <b>Vivek Nangia (15 mins)</b></p> <p align="center"><b>Q &amp; A (5 mins)</b></p>		<p>Heterogeneity of treatment effect of prophylactic pantoprazole in adult ICU patients: a post hoc analysis of the SUP-ICU trial. <b>Ashish Prakash (8 mins)</b></p> <p>Association of Noninvasive Oxygenation Strategies With All-Cause Mortality in Adults With Acute Hypoxemic Respiratory Failure : A Systematic Review and Meta-analysis. <b>Deepti Rathee (8 mins)</b></p> <p>Airway Management in the Emergency Department (The Ocean-Study) - a prospective single centre observational cohort . <b>Ashesh Dhungana (Nepal) (8 mins)</b></p> <p align="center"><b>Q &amp; A (10 mins)</b></p>	<p>Heterogeneity of treatment effect of prophylactic pantoprazole in adult ICU patients: a post hoc analysis of the SUP-ICU trial. <b>Ashish Prakash (8 mins)</b></p> <p>Association of Noninvasive Oxygenation Strategies With All-Cause Mortality in Adults With Acute Hypoxemic Respiratory Failure : A Systematic Review and Meta-analysis. <b>Deepti Rathee (8 mins)</b></p> <p>Airway Management in the Emergency Department (The Ocean-Study) - a prospective single centre observational cohort . <b>Ashesh Dhungana (Nepal) (8 mins)</b></p> <p align="center"><b>Q &amp; A (12 mins)</b></p>	<p>Acupuncture for Obstructive Sleep Apnea (OSA) in Adults: A Systematic Review and Meta-Analysis. <b>Paramjyothi G K (8 mins)</b></p> <p>Short-term CPAP adherence in obstructive sleep apnea: a big data analysis using real world data. <b>Dipti Gothi (8 mins)</b></p> <p>Obstructive sleep apnea and arrhythmia: A systemic review. <b>Rajnish Gupta (8 mins)</b></p> <p align="center"><b>Q &amp; A (12 mins)</b></p>
<b>14:00 - 14:30</b>	<b>LUNCH BREAK</b>					
<b>14:30 - 15:15</b>	<p align="center"><b>Debate on Tuberculosis - I Shortened tuberculosis treatment regimens for MDR-TB versus standard long-term regimens</b></p> <p><b>Chair : Rajendra Prasad, Jai Kishan, Indira Kumari, Anand Kumar</b></p> <p>For shortened regimens. <b>Surya Kant</b> <i>vs</i> For standard long-term regimens <b>Subir Kumar Dey</b> <b>(12 + 4 + 1 mins each)</b></p> <p align="center"><b>Q &amp; A (10 mins)</b></p>	<p align="center"><b>Symposium on Tuberculosis – II</b></p> <p><b>Chair : C Chandrasekhar, K K Chopra, Rupak Singla, Gajendra Vikram Singh</b></p> <p>NTEP - Newer Updates. <b>K S Sachdeva (20 mins)</b></p> <p>Non-tuberculous mycobacterial diseases - a systematic review of published Indian literature on NTM from 1981-2020. <b>S K Sharma (20 mins)</b></p> <p align="center"><b>Q &amp; A (5 mins)</b></p>	<p align="center"><b>Symposium on OSA - II OSA in Adults in COVID-19 times</b></p> <p><b>Chair : Dhrubajyoti Roy, Sonia Dalal, Sumita Agarwal, Sitiesh Roy</b></p> <p>Sleep Medicine and COVID-19 : The beginning of a new era. <b>J C Suri (15 mins)</b></p> <p>Diagnostic and C-PAP therapy in OSA in the context of COVID-19 pandemic. <b>Pratibha Dogra (15 mins)</b></p> <p align="center"><b>Q &amp; A (15 mins)</b></p>	<p align="center"><b>Debate on COVID-19 - II Shared ventilation in COVID-19 acute crisis</b></p> <p><b>Chair : Mrinal Sircar, Malay Sarkar, Ajay Verma, Aakanksha Chawla Jain</b></p> <p>For shared ventilation. <b>Ajmal Khan</b> <i>vs</i> Against shared ventilation. <b>Kumar Doshi</b> <b>(12 + 4 + 1 mins each)</b></p> <p align="center"><b>Q &amp; A (10 mins)</b></p>	<p align="center"><b>Debate on ILD Antifibrotic drugs in non-IPF pulmonary fibrosis (non-IPF-PF) : Useful or Not Useful</b></p> <p><b>Chair : Sujeet Rajan, Priya Ramchandran, Sheetu Singh</b></p> <p>Useful. <b>Sandeep Katiyar</b> <i>vs</i> Not Useful. <b>Mayank Saxena</b> <b>(12 + 4 + 1 mins each)</b></p> <p align="center"><b>Q &amp; A (10 mins)</b></p>	
<b>15:15 - 16:30</b>	<p align="center"><b>Symposium on National Guidelines, Consensus reports &amp; Position papers - II</b></p> <p><b>Chair : (Brig.) M S Barthwal, Manoj Agarwal, Amit Dedun, S Naidu</b></p> <p>Indian Society of Critical Care Medicine Experts Committee Consensus Statement on ICU Planning and Designing (2020) . <b>Dhruva Chaudhry (15 mins)</b></p>	<p align="center"><b>Symposium on Tuberculosis - III TB-HIV</b></p> <p><b>Chair : K B Gupta, B O Tayade, Tushar Patel, K P Suraj</b></p> <p>Treatment of latent tuberculosis in HIV co-infected. <b>Gajendra Vikram Singh (15 mins)</b></p> <p>A novel tuberculosis point-of-care urine lipoarabinomannan assay for patients with HIV. <b>Akhilesh Kunoor (15 mins)</b></p>	<p align="center"><b>Grand Rounds</b></p> <p><b>Chair : A S Sachan, Reshmi Nair, Roseleen Kaur Bali, Aditya Jindal</b></p> <p align="center"><b>Clinical &amp; Radiographic Correlation (15:15 - 16:05)</b></p> <p align="center"><b>K. Ravikrishnan (U.S.A.)</b></p>	<p align="center"><b>International Symposium (U.K.) on Respiratory Infections</b></p> <p><b>Chair : M Munavvar (UK)</b></p> <p>COVID-19 Management and the ERS COVID-19 Guidelines. <b>James D Chalmers (UK) (20 mins)</b></p> <p>BTS MDR Clinical Advisory Service - Key learning points from a standardised approach to the Management of MDR-TB. <b>Onn Min Kon (UK) (20 mins)</b></p>	<p align="center"><b>Symposium on Critical Care : The need of the hour - II</b></p> <p><b>Chair : N T Awad, M L Gupta, Shivesh Prakash (Australia), Nagarjuna Maturu</b></p> <p>No sedation, sedation, and light sedation protocols in critically ill, mechanically ventilated patients in the ICU. <b>R Vijai Kumar (15 mins)</b></p> <p>High flow nasal cannula in acute hypoxemic respiratory failure. <b>Shailesh Bihari (Australia) (20 mins)</b></p>	

	<p>Management of interstitial lung diseases: A consensus statement of the Indian Chest Society (ICS) and National College of Chest Physicians - India [NCCP(I)] (2020) . <b>Sheetu Singh (15 mins)</b></p> <p>Clinical practice guidelines 2019. Indian consensus-based [Joint ICS-NCCP(I)] recommendations on pneumococcal vaccination for adults. <b>Raja Dhar (15 mins)</b></p> <p>Clinical practice guidelines 2019. Indian consensus-based [Joint ICS-NCCP(I)] recommendations on influenza vaccination in adults. <b>A G Ghoshal (15 mins)</b></p> <p style="text-align: center;"><b>Q &amp; A (15 mins)</b></p>	<p>Prophylactic prednisone to prevent paradoxical tuberculosis-associated IRIS in HIV-infected patients. <b>Rajiv Garg (15 mins)</b></p> <p>Immunotherapy and immunomodulation in HIV and TB. <b>Anil K Jain (15 mins)</b></p> <p style="text-align: center;"><b>Q &amp; A (15 mins)</b></p>	<p style="text-align: center;"><b>Industry Session (ASTRA ZENECA) (25 mins) (16:05 - 16:30)</b></p> <p>Severe Eosinophilic Asthma - Practical tips to identify right patients and the biologics available for use. <b>Padmashri Randeep Guleria (20 mins)</b></p> <p style="text-align: center;"><b>Q &amp; A (5 mins)</b></p>	<p>Stepwise Management of Adults with Bronchiectasis in 2021. <b>Adam Hill (UK) (20 mins)</b></p> <p style="text-align: center;"><b>Q &amp; A (15 mins)</b></p>	<p>Mean arterial pressure (MAP) targets in critically ill patients with septic shock. <b>Muthu Valiappan (15 mins)</b></p> <p>Lactate clearance is a useful biomarker for the prediction of all-cause mortality in critically ill patients. <b>Rajesh Chawla (15 mins)</b></p> <p style="text-align: center;"><b>Q &amp; A (10 mins)</b></p>
16:30 - 18:30	<p style="text-align: center;"><b><u>ICS ORATIONS</u></b></p> <p>Chair : D. J. Christopher (President) Rajesh Swarnakar (Secretary)</p> <p><b>ICS - Dr. S. N. Tripathy Presidential Oration Award.</b> Pulse Oximetry in Clinical Practice. <b>Sudhir Chaudhri</b></p> <p><b>ICS - Dr. K. J. R. Murthy Oration Award.</b> Cardiopulmonary Exercise Testing: a valuable addition to the pulmonology armamentarium. <b>T. Balamugesh</b></p> <p><b>ICS - Dr. C. V. Ramakrishnan Oration Award.</b> Air Pollution and Lung Health. <b>Raj Kumar.</b></p> <p><b>ICS - Dr. O. A. Sarma Oration Award.</b> TB free India - How the dream can come true. <b>Salil Bhargava</b></p>	<p><b>ORATIONS IN HALL A</b></p>	<p><b>ORATIONS IN HALL A</b></p>	<p><b>ORATIONS IN HALL A</b></p>	<p><b>ORATIONS IN HALL A</b></p>
18:30 - 19:30	<p><b>ICS Annual General Body Meeting</b></p>				
19:30 - 21:00	<p><b>CULTURAL PROGRAM</b></p>				

# SATURDAY, 30<sup>th</sup> JANUARY 2021

TIME	HALL - A	HALL - B	HALL - C	HALL - D	HALL - E
<b>9:00 - 10:15</b>	<p style="text-align: center;"><b>Symposium on Pulmonary Vascular Disorders - II</b></p> <p>Chair : Ajit Vigg, Deependra Kumar Rai, Nishant Chauhan, Atul Luhadia</p> <p>Novel imaging techniques in pulmonary hypertension. <b>Jayaprakash B (15 mins)</b></p> <p>New therapeutic paradigms and guidelines in the management of pulmonary arterial hypertension. <b>Harjit Dumra (15 mins)</b></p> <p>Sub-massive pulmonary embolism. <b>K K Sharma (15 mins)</b></p> <p>Thrombo-prophylaxis – when, where and what. (Surg. Capt. Retd.) <b>P S Tampi (15 mins)</b></p> <p style="text-align: center;"><b>Q &amp; A (15 mins)</b></p>	<p style="text-align: center;"><b>Symposium on Miscellaneous Disorders - II</b></p> <p>Chair : A G Ghoshal, Prashant Prakash, Puneet Khanna</p> <p>Community-acquired respiratory pathogens versus infection by bio-threat agents - a challenge . <b>A K Janmeja (15 mins)</b></p> <p>Delivering telemedicine interventions in chronic respiratory disease. <b>Arti Shah (15 mins)</b></p> <p>Lung diseases in women. <b>Vijayalakshmi Thanasekaraan (15 mins)</b></p> <p>The aging lung. <b>A K Abdul Khader (15 mins)</b></p> <p style="text-align: center;"><b>Q &amp; A (15 mins)</b></p>	<p style="text-align: center;"><b>Symposium on COVID-19 : The Disaster of the Century - IV</b></p> <p>Chair : Zia Hashim, Ashok Kumar Singh, Karn Mehra</p> <p>Rapid, point-of-care antigen and molecular-based tests for diagnosis of SARS-CoV-2 infection. <b>Angshuman Mukherjee (15 mins)</b></p> <p>Antibody and serological tests for identification of current and past infection with SARS-CoV-2. <b>Pranav Ish (15 mins)</b></p> <p>False Negative Tests for SARS-CoV-2 Infection - Challenges and Implications. <b>Alok Nath (15 mins)</b></p> <p>Risk stratification in cases of COVID-19. <b>Fathahudeen Abdul (15 mins)</b></p> <p style="text-align: center;"><b>Q &amp; A (15 mins)</b></p>	<p style="text-align: center;"><b>Symposium on Mycotic infections - I</b></p> <p>Chair : (Brig.) B N Panda, Ashok Shah, Atul Luhadia</p> <p>Nocardia infections in solid organ transplantation. <b>Manoj Panigrahi (15 mins)</b></p> <p>Chronic pulmonary aspergillosis. <b>Inderpaul Singh (15 mins)</b></p> <p>Invasive fungal infections. <b>Jayalakshmi T K (15 mins)</b></p> <p>Fungal Infections in ICU: when to begin treatment . <b>Veerottam Tomer (15 mins)</b></p> <p style="text-align: center;"><b>Q &amp; A (15 mins)</b></p>	<p style="text-align: center;"><b>Symposium on Pulmonary Imaging - II Lung Ultrasound : The Pulmonologist's diagnostic tool.</b></p> <p>Chair : P S Shajahan, Priya Ramchandran, Praveen Valsalan, Pavan Kumar Biraris</p> <p>Point-of-care lung ultrasonography (POCUS) versus chest radiography in diagnosis of pneumonia in paediatric and adult population. <b>Asmita Mehta (15 mins)</b></p> <p>Lung ultrasonography for the early management of pulmonary lesions in COVID-19 pandemic. <b>Swarnjeet Bhullar (15 mins)</b></p> <p>Contrast enhanced ultrasound (CEUS) for assessment of pleural-pulmonary changes with reference to COVID-19 disease. <b>Richa Gupta (15 mins)</b></p> <p>CEUS guided trans-thoracic biopsy in peripheral pulmonary and mediastinal lesions. <b>Prince James (15 mins)</b></p> <p style="text-align: center;"><b>Q &amp; A (15 mins)</b></p>
<b>10:15 - 12:00</b>	<p style="text-align: center;"><b>Symposium on Respiratory Allergy</b></p> <p>Chair : H Paramesh, Gautam Bhagat, Raj Bhagat, Gautam Modi</p> <p>Selection of Allergens, Pollen Calendar and impact of climate change on allergens. <b>A B Singh (15 mins)</b></p> <p>Subcutaneous Immunotherapy. <b>V K Jain (15 mins)</b></p> <p>Sublingual Immunotherapy. <b>K V Nagendra Prasad (15 mins)</b></p> <p>Food Allergy. <b>Raj Kumar (15 mins)</b></p>	<p style="text-align: center;"><b>Symposium on Vaping A New Smoking Wave</b></p> <p>Chair : Vijayalakshmi T, Girija Nair, Pratibha Gogia</p> <p>Respiratory effects of e-cigarettes-are these safer than combustible tobacco products? (Brig.) <b>Debajyoti Bhattacharya (15 mins)</b></p> <p>Electronic cigarette or vaping product use-associated lung injury (EVALI) - a new killer. <b>Padma Shri Randeep Guleria (15 mins)</b></p>	<p style="text-align: center;"><b>Symposium on ILD - II</b></p> <p>Chair : Virendra Singh, Vishwanath Gella, Mayank Saxena, Nirupam Sharan</p> <p>Phenotypes in ILD. <b>Sahajal Dhooria (15 mins)</b></p> <p>Progressive fibrosing interstitial lung disease. (Col.) <b>Vikas Marwah (15 mins)</b></p> <p>Familial interstitial lung disease. <b>Deepak Talwar (15 mins)</b></p>	<p style="text-align: center;"><b>Symposium on Pulmonary Imaging - III Radiation related and other risks with pulmonary imaging techniques</b></p> <p>Chair : C Ravindran, Anant Mohan, Mansi Gupta, Mukesh Goyal</p> <p>Radiation exposure from medical imaging - time to regulate. <b>Anuradha Singh (15 mins)</b></p> <p>Does X-ray backscatter scanner screening at airports cause radiation risk?. <b>M Aslam (UAE) (15 mins)</b></p>	<p style="text-align: center;"><b>Practice-changing Research in Pulmonary Imaging</b></p> <p>Chair : Asmita Mehta , Salil Bendre, Laxmikant Yenge, Noufal Poongadan</p> <p>Lung Ultrasound for Diagnosis of Pneumonia in Children. <b>Richa Gupta (8 mins)</b></p> <p>Histological validation of pulmonary infarction detected with contrast-enhanced ultrasound in patients with negative computed tomography pulmonary angiogram: A case series. <b>Priya Ramchandran (8 mins)</b></p>

	<p>Newer developments in Allergen Immunotherapy. <b>Naveen Arora (15 mins)</b></p> <p>Guidelines for Practice of Allergy and Immunotherapy in India. <b>S N Gaur (15 mins)</b></p> <p style="text-align: center;"><b>Q &amp; A (15 mins)</b></p>	<p>Harmful effects of tetrahydrocannabinol (THC), vitamin E or vitamin E acetate containing E- cigarettes. <b>Sourin Bhuniya (15 mins)</b></p> <p>Vaping and second-hand effects. <b>Parul Mrigpuri (15 mins)</b></p> <p>E-cigarette effectiveness as a smoking cessation intervention. <b>Bharat Gopal (15 mins)</b></p> <p>Smoking and COVID-19. <b>Lancelot Pinto (15 mins)</b></p> <p style="text-align: center;"><b>Q &amp; A (15 mins)</b></p>	<p>Role of biomarkers including e-Nose technology in the management of interstitial lung disease. <b>Barney Isaac (15 mins)</b></p> <p>Acute exacerbation of interstitial lung disease. <b>Naveen Dutt (15 mins)</b></p> <p>Diagnosis of Hypersensitivity Pneumonitis - Focus on 2020 Clinical Practice Guidelines . <b>Sujeet Rajan (15 mins)</b></p> <p style="text-align: center;"><b>Q &amp; A (15 mins)</b></p>	<p>Concerns on radiation risk in paediatric CT – time for dose reduction. <b>Raghava Rao (15 mins)</b></p> <p>Effect of acoustic noise during in-utero Ultrasound and MR imaging on neonatal cochlear function and foetal growth. <b>Nitesh Gupta (15 mins)</b></p> <p>Gadolinium-based and other contrast agents - are these a health risk?. <b>Sudhir Kumar (15 mins)</b></p> <p>Guidelines for diagnostic imaging during pregnancy and lactation. <b>Shital Patil (15 mins)</b></p> <p style="text-align: center;"><b>Q &amp; A (15 mins)</b></p>	<p>Radiologic, Pathologic, Clinical, and Physiologic Findings of Electronic Cigarette or Vaping Product Use-associated Lung Injury (EVALI). <b>Gaurav Gupta (8 mins)</b></p> <p>Detection and imaging of gadolinium accumulation in human bone tissue by micro- and submicro-XRF. <b>Ketaki Utpat (8 mins)</b></p> <p>Findings of lung ultrasonography of novel corona virus pneumonia during the 2019-2020 epidemic. <b>Prince James (8 mins)</b></p> <p style="text-align: center;"><b>Q &amp; A (10 mins)</b></p> <p style="text-align: center;"><b>Practice-changing Research in Smoking</b></p> <p><b>Chair : P Ravindran, P K Thomas, Anurag Agarwal (Delhi)</b></p> <p>Smoking Cessation, Weight Change, Type-2 Diabetes and Mortality. <b>A J Dabawala (8 mins)</b></p> <p>A Randomized Trial of E-Cigarettes versus Nicotine-Replacement Therapy. <b>Gourahari Pradhan (8 mins)</b></p> <p>Association of the US Outbreak of Vaping-Associated Lung Injury with perceived harm of E-Cigarettes compared with Cigarettes. <b>Deepak Aggarwal (8 mins)</b>.</p> <p>Severe Pulmonary Disease associated with E-Cigarette-Product Use - Interim Guidance. <b>(Brig.) Debajyoti Bhattacharya (8 mins)</b></p> <p>Evaluation of Second-Hand Exposure to E Cigarette Vaping under a Real Scenario : Measurements of Ultrafine Particle Number concentration and size distribution and comparison with traditional Tobacco smoke. <b>Sourin Bhuniya (8 mins)</b></p> <p style="text-align: center;"><b>Q &amp; A (10 mins)</b></p>
<b>12:00 - 13:30</b>	<p style="text-align: center;"><b>Symposium on Tuberculosis - III</b></p> <p><b>Chair : Rohit Sarin, Amita Nene, Amitesh Gupta</b></p>	<p style="text-align: center;"><b>Symposium on Asthma - II</b></p> <p><b>Chair : J Unnithan, Jyoti Pattnaik, Nishtha Singh, Parul Vadgama</b></p>	<p style="text-align: center;"><b>Symposium-cum-Panel Discussion Lung as a Mirror of Systemic Diseases</b></p>	<p style="text-align: center;"><b>Symposium on COVID-19 : The disaster of the Century - V</b></p> <p><b>Chair : Fathahudeen Abdul, Angshuman Mukherjee, Saurabh Mandilwar</b></p>	<p style="text-align: center;"><b>Symposium on Sepsis</b></p> <p><b>Chair : G C Khilnani, Parthiv Mehta, Neel Thakker, Raghava Rao</b></p>

	<p>COVID-TB Synergy. <b>Zarir Udwadia (15 mins)</b></p> <p>Autophagy: A new strategy to manage tuberculosis. <b>Sanjeev Nair (15 mins)</b></p> <p>Whole genome sequencing. <b>Chitra Iravatham (15 mins)</b></p> <p>Newer vaccines in TB - status and constraints in development. <b>K B Gupta (15 mins)</b></p> <p>Recent advances in management of female genital TB. <b>J B Sharma (15 mins)</b></p> <p style="text-align: center;"><b>Q &amp; A (15 mins)</b></p>	<p>A Real-World-Based approach in the management of asthma. <b>C Ravindran (15 mins)</b></p> <p>Precision medicine in childhood asthma. <b>(Brig.) Ashok Rajput (15 mins)</b></p> <p>As-needed budesonide–formoterol versus maintenance budesonide in mild asthma. <b>Lavina Mirchandani (15 mins)</b></p> <p>Montelukast and neuropsychiatric adverse effects. <b>Lalita Fernandes (15 mins)</b></p> <p>Bronchial thermoplasty in severe asthma: controversies, progress and uncertainties. <b>Amit Dhamija (15 mins)</b></p> <p style="text-align: center;"><b>Q &amp; A (15 mins)</b></p>	<p><b>Moderator : Agam Vora</b></p> <p>Respiratory Involvement in Cardiac disorders. <b>G S Wander (10 mins)</b></p> <p>Respiratory involvement in Thyroid disorders . <b>Ketan Mehta (10 mins)</b></p> <p>Lungs and Diabetes mellitus. <b>Mangesh Tiwaskar (10 mins)</b></p> <p>Lungs and other Endocrine disorders <b>Shashank Joshi (10 mins)</b></p> <p>Lungs and Rheumatic disorders. <b>Milind Nadkar (10 mins)</b></p> <p style="text-align: center;"><i>followed by</i> <b>Panel Discussion (30 mins)</b></p> <p style="text-align: center;"><b>Q &amp; A (10 mins)</b></p>	<p>COVID-19 and the elderly. <b>Pradyumna Sharma (15 mins)</b></p> <p>Vitamin D in COVID-19. <b>K C Agarwal (15 mins)</b></p> <p>Prone positioning in awake, non-intubated patients with acute respiratory failure due to COVID-19. <b>Nitin Abhyankar (15 mins)</b></p> <p>Use of high-flow nasal oxygen in COVID-19. <b>Lalit Singh (15 mins)</b></p> <p>Post-COVID Pulmonary Fibrosis. <b>Anand Jaiswal (15 mins)</b></p> <p style="text-align: center;"><b>Q &amp; A (15 mins)</b></p>	<p>Third International Consensus Definitions for Sepsis and Septic Shock (Sepsis-3). <b>Deepak Talwar (15 mins)</b></p> <p>The Surviving Sepsis Campaign update 2018: the 1 hour bundle. <b>Brijesh Prajapat (15 mins)</b></p> <p>SOFA &amp; qSOFA scores, SIRS criteria, and NEWS &amp; MEWS scoring for assessment of sepsis. <b>Samir Sahu (15 mins)</b></p> <p>Management of Sepsis-Induced Immunosuppression. <b>Mradul K Daga (15 mins)</b></p> <p>Stem cell-based therapies for sepsis. <b>Davis Paul (15 mins)</b></p> <p style="text-align: center;"><b>Q &amp; A (15 mins)</b></p>
<p><b>13:30 - 14:00</b></p>	<h1 style="margin: 0;">LUNCH BREAK</h1>				
<p><b>14:00 - 15:30</b></p>	<p><b>Bangladesh Primary Care Respiratory Society (BPCRS) International Symposium on Primary Respiratory Care</b></p> <p><b>Chair : V K Arora, Narendra Bhatta (Nepal), Ritisha Bhatt</b></p> <p>Systematic review of clinical effectiveness, component, and delivery of pulmonary rehabilitation in low-resource settings. <b>G M Monsur Habib (Bangladesh) (12 mins)</b></p> <p>Safe re-opening of private primary respiratory care practices in Bangladesh during the COVID-19 pandemic: a practical guide. <b>S M Rowshan Alam (Bangladesh) (12 mins)</b></p> <p>Engaging with stakeholders in a research programme to promote implementation of pulmonary rehabilitation in Bangladesh: Challenges and opportunities. <b>Aftab Uddin (Bangladesh) (12 mins)</b></p> <p>Life style modification in prevention, and care of chronic respiratory diseases. <b>Muhammad Jahangir Kabir (Bangladesh) (12 mins)</b></p>	<p><b>Symposium on Tuberculosis - IV</b></p> <p><b>Chair : P Ravindran, Bornali Datta, B K Menon, Shyam Krishnan</b></p> <p>Serological biomarkers for monitoring response to treatment of tuberculosis. <b>Salil Bhargava (15 mins)</b></p> <p>Fixed-dose combinations of drugs versus single-drug formulations for treating pulmonary tuberculosis – an update. <b>Radha Munje (15 mins)</b></p> <p>Six-month therapy for abdominal tuberculosis. <b>Poulomi Chatterji (15 mins)</b></p> <p>Shortened treatment regimens (4 months) versus the standard regimen for drug-sensitive pulmonary tuberculosis. <b>Rohit Sarin (15 mins)</b></p> <p>Treatment outcomes after early initiation of anti-retroviral therapy for HIV-associated tuberculosis. <b>I S Gilada (15 mins)</b></p>	<p><b>Symposium on Artificial Intelligence</b></p> <p><b>Chair : P S Shankar, (Air Commodore) Ajay Handa, Prince James, Ketaki Utpat</b></p> <p>Role of artificial intelligence in long term management of respiratory diseases. <b>Raja Dhar (15 mins)</b></p> <p>Artificial intelligence outperforms pulmonologists in the interpretation of pulmonary function tests. <b>Arun Sampath (15 mins)</b></p> <p>Artificial intelligence in lung imaging : widening horizons. <b>Pajanivel R (15 mins)</b></p> <p>Management of pulmonary nodules and role of artificial intelligence. <b>Mohan Kumar Thekkinkattil (15 mins)</b></p> <p>Application of Bayesian analysis for artificial intelligence in Pulmonary medicine. <b>Anurag Agarwal (Delhi) (15 mins)</b></p>	<p><b>Symposium on Respiratory Infections - III (Pneumonia)</b></p> <p><b>Chair : R K Jenaw, Ansuman Mukhopadhyay, Subodh Pandey, Tanushree Gahlot</b></p> <p>Empirical antibiotic regimens in a rapidly changing landscape of resistance. <b>Bornali Datta (15 mins)</b></p> <p>Procalcitonin (PCT) as a biomarker to distinguish between bacterial and viral infections. <b>(Col.) S P Rai (15 mins)</b></p> <p>Childhood pneumonia. <b>Sangeeta Sharma (15 mins)</b></p> <p>Duration of antibiotic therapy for CAP in the era of personalized medicine. <b>C Ravindran (15 mins)</b></p> <p>Corticosteroids in Community-Acquired Pneumonia. <b>Abhay Uppe (15 mins)</b></p>	<p><b>Symposium on Lung Cancer - II Multidisciplinary Approach to Pulmonary Oncology Tumor Board (Tata Memorial Centre) (14:00 - 16:00) (120 mins)</b></p> <p><b>Chair : Sandeep Tandon</b> <b>Moderator (Panel Discussion) : Maheema Bhaskar</b> <b>Moderator (Q &amp; A) : Pavankumar Biraris</b> <b>MDT Co- Ordinator : Prakash S</b></p> <p><b>Panelists :</b></p> <p><b>George Karimundackal</b> (Thoracic Surgery &amp; Surgical Oncology) <b>J P Agarwal</b> (Thoracic Radiation Oncology) <b>Kumar Prabhash</b> (Thoracic Medical Oncology) <b>Nilendu Purandare</b> (Nuclear Medicine) <b>Rajiv Kaushal</b> (Thoracic Pathology) <b>Jayita Deodhar</b> (Palliative Medicine) <b>Amit Janu</b> (Radiodiagnosis &amp; Interventional Radiology) <b>Pavankumar Biraris</b> (Pulmonary Medicine)</p> <p style="text-align: center;"><b>(90 mins)</b></p>

	Continuing professional education for general practitioners on COPD : feasibility of a blended learning approach in Bangladesh. <b>Mohd. Nazim Uzzaman (Bangladesh) (12 mins)</b>  <b>Q &amp; A (30 mins)</b>				
<b>15:30 - 16:30</b>	<p>Panel discussion on Critical Care</p> <p><i>Timing of tracheostomy in intensive care settings : Early or late tracheostomy</i></p> <p>Moderator : G C Khilnani Panelists : Ankit Bansal, Anupam Patra, Ashish Tandon, N T Awad, Parthiv Mehta, Supriyo Sarkar</p> <p><b>Q &amp; A (10 mins)</b></p>	<p>Practice-changing Research in COVID-19 - II</p> <p>Chair : Subir Kumar Dey, Sushant Meshram, Santosh Kumar (Agra), Sonam Spalgais</p> <p>A Randomized trial of Hydroxychloroquine as Post-exposure Prophylaxis for COVID-19. <b>Poonzughali Rajaji (8 mins)</b></p> <p>Efficacy and safety of early prone positioning combined with HFNC or NIV in moderate to severe ARDS: a multi-center prospective cohort study. <b>Prashant Prakash (8 mins)</b></p> <p>Feasibility and physiological effects of prone positioning in non-intubated patients with acute respiratory failure due to COVID-19 (PRON-COVID): a prospective cohort study. <b>Neel Thakkar (8 mins)</b></p> <p>Human umbilical cord-derived mesenchymal stem cell therapy in patients with COVID-19: a phase 1 clinical trial . <b>Ravi Dosi (8 mins)</b></p> <p><b>Q &amp; A (8 mins)</b></p> <hr/> <p><b>Industry Session (GSK) (20 mins) (16:10 - 16:30)</b> Chairs : Sarvinder Singh, Emilio Pizzichini (Brazil)</p> <p>Burden of Burst and Maintenance OCS in Severe Asthma. <b>P. Arjun (10 mins)</b> <b>Q &amp; A (10 mins)</b></p>	<p>Debate on Artificial Intelligence</p> <p>Chair : R Pajanivel, Parvez Ahmad, Santosh Kumar (Lucknow), Pavan Tiwari</p> <p><i>Modern technological advancements can substitute for the role of clinicians in the management of diseases .</i></p> <p>Possibly Yes. <b>Arjun Khanna</b> vs No. <b>A R Paramez</b> <b>(12 + 4 + 1 mins each)</b></p> <p><b>Q &amp; A (5 mins)</b></p> <hr/> <p><b>Industry Session (ASTRA ZENECA) (20 mins) (16:10 - 16:30)</b> Importance of setting up Severe Asthma clinics. <b>Deepak Talwar (15 mins)</b></p> <p><b>Q &amp; A (5 mins)</b></p>	<p>Debate on COVID-19 - III</p> <p>Chair : Suresh Koolwal, R P Meena, Arun Sampath, Shikha Jindal Gupta</p> <p><i>Online Management of COVID-19 Right or Wrong ?</i></p> <p>Right. <b>P R Gupta</b> vs Wrong. <b>Mayank Mishra</b> <b>(12 + 3 mins each)</b></p> <p><b>Q &amp; A (5 mins)</b></p> <p><b>Late Breaker Session (30 mins) (16:00 - 16:30)</b></p> <p>Current Status of vaccine against COVID-19 . <b>P K Thomas (15 mins)</b></p>	<p><b>Symposium on Lung Transplantation (16:00 - 18:00) (120 mins)</b></p> <p>Chair : R K Dewan, Nasser Yusuf, Rajan Santosham, Karunakara Padhy</p> <p>Lung Transplant : purpose, procedure, and risks. <b>RMPL Ramanathan (15 mins)</b></p> <p>Lung transplantation : past, present, and future. <b>K R Balakrishnan (15 mins)</b></p> <p>Selection of candidates for lung transplantation. <b>Sumita Agrawal (15 mins)</b></p> <p>Expanding the donor pool- extended donor criteria in lung transplantation. <b>Suresh Rao (15 mins)</b></p> <p>Lung transplantation for and during COVID-19. <b>Apar Jindal (15 mins)</b></p> <p>Infection prophylaxis and management of viral infection. <b>Allan Glanville (Australia) (20 mins)</b></p> <p>Lung transplantation : success and survival. <b>Vaidehi Kaza (USA) (15 mins)</b></p> <p><b>Q &amp; A (10 mins)</b></p>

<p><b>16:30 - 18:00</b></p>	<p><b>International Symposium on Pediatric Pulmonology</b></p> <p><b>Chair : Sangeeta Sharma, Santhakumar S, Saurabh Karmakar, Pranav Ish</b></p> <p>Primary Ciliary Dyskinesia - Diagnosis and Management. <b>Nisha Bhatta (Nepal) (20 mins)</b></p> <p>High Resolution Transthoracic Ultrasound in Evaluation of Pediatric Mediastinal Lymphadenopathy. <b>Priyanka Naranje (20 mins)</b></p> <p>Pediatric and Neonatal airway Endoscopy - Current status and the way forward . <b>Fabio Midulla (Italy) (20 mins)</b></p> <p>Transitioning Patients from Paediatric to Adult NIV services. <b>Milind Sovani (UK) (20 mins)</b></p> <p><b>Q &amp; A (10 mins)</b></p>	<p><b>IUAT-LD (The Union) International Symposium A Comprehensive Approach for Tuberculosis Care and Lung Health</b></p> <p><b>Chair : Guy Marks (The Union), Rhea Lobo (The Union)</b></p> <p>Building back the TB response after the initial COVID-19 impact in India. <b>K S Sachdeva (15 mins)</b></p> <p>Addressing Co-morbidities as part of a comprehensive approach to lung health. <b>Paula Fujiwara (France) (15 mins)</b></p> <p>Occupational Risk factors for lung infections. <b>Rodney Ehrlich (South Africa) (15 mins)</b></p> <p>Post lung infection health : What is needed?. <b>Jamilah Meghji (UK) (15 mins)</b></p> <p><b>Q &amp; A (30 mins)</b></p>	<p><b>Nepalese Respiratory Society (NRS) International Symposium Responding to Pulmonary Diseases in the Era of COVID-19 : Unprecedented Times, Unprecedented Challenges</b></p> <p><b>Chair : Rajesh Solanki, Surya Kant, Sudhir Chaudhri, Indranil Halder</b></p> <p>Outpatients Management of COPD in the COVID-19 Era : The Known, the Unknown and the Controversies. <b>Ramesh Chokhani (Nepal) (20 mins)</b></p> <p>Managing Pulmonary Tuberculosis in the COVID-19 Era : Responding to Vital Clinical Cross-Talks. <b>Deebya Raj Mishra (Nepal) (20 mins)</b></p> <p>Adoption and Adaptation of Pulmonary -Telemedicine during and beyond COVID-19. <b>Narendra Bhatta (Nepal) (20 mins)</b></p> <p><b>Q &amp; A (30 mins)</b></p>	<p><b>Viet Nam Respiratory Society (VNRS) International Symposium</b> Chair : Ngo Quy Chau (Viet Nam)</p> <p><b>(Details Awaited)</b></p> <p><b>Q &amp; A (15 mins)</b></p>	
<p><b>18:00 - 19:30</b></p>	<p><b>European Respiratory Society (ERS) International Symposium on Sepsis</b></p> <p><b>Chairs : Simon Tiberi (UK), Catia Cilloniz (Spain)</b></p> <p>Role of non-invasive respiratory assistance in sepsis. <b>Raffaele Scala (Italy) (20 mins)</b></p> <p>Personalised medicine in Sepsis. <b>Lieuwe Bos (The Netherlands) (20 mins)</b></p> <p>Management (Diagnosis and Treatment) of HAP / VAP. <b>Antoni Torres (Spain) (20 mins)</b></p> <p><b>Q &amp; A (30 mins)</b></p>	<p><b>Symposium on Thoracic Surgery</b></p> <p><b>Chairs : S K Sarkar, Rajashekara Reddy, RMPL Ramanathan, Apar Jindal</b></p> <p>Surgery in Lung Cancer - Post radiotherapy and chemotherapy. <b>Nasser Yusuf (15 mins)</b></p> <p>Lung resection surgery in TB today. <b>R K Dewan (15 mins)</b></p> <p>Role of thoracoplasty in the present era. <b>Rajan Santosham (15 mins)</b></p> <p>Current status on lung transplantation. <b>Arun Nair (UK) (20 mins)</b></p> <p>Surgery for Chest Trauma <b>Karunakara Padhy (15 mins)</b></p> <p><b>Q &amp; A (10 mins)</b></p>	<p><b>Turkish Thoracic Society (TTS) International Symposium on COVID-19</b> <b>Turkish Page of the COVID-19 Book</b></p> <p><b>Facilitators : Oya Itil (Turkey), Nurdan Kokturk (Turkey)</b></p> <p>How has Turkey responded to the COVID-19 threat?. <b>Fusun Oner Eyuboglu (Turkey) (20 mins)</b></p> <p>Air pollution in the COVID-19 era. <b>Hasan Bayram (Turkey) (20 mins)</b></p> <p>What have we done in the ICU against COVID-19 threat? <b>Begum Ergan (Turkey) (20 mins)</b></p> <p><b>Q &amp; A (30 mins)</b></p>	<p><b>American Thoracic Society (ATS) International Symposium on COPD</b></p> <p><b>Chair : Juan Celedon (USA)</b></p> <p>Early COPD : Does finding cases impact future risks? <b>Fernando J. Martinez (USA) (20 mins)</b></p> <p>Biomarkers and imaging in COPD : tailoring treatment <b>MeiLan King Han (USA) (20 mins)</b></p> <p>Treating COPD in the 21st Century : What is beyond Triple Therapy <b>Bartolome Celli (USA) (20 mins)</b></p> <p><b>Q &amp; A (30 mins)</b></p>	<p><b>Cleveland Clinic International Symposium on Interventional Pulmonology</b></p> <p><b>Moderator : Atul Mehta (USA)</b></p> <p>Interventional Pulmonology innovations for 2025. <b>Tanmay Panchabhai (USA) (20 mins)</b></p> <p>Ice in the Airways. <b>Sameer K. Avasarala (USA) (20 mins)</b></p> <p>EBUS-TBNA in the developing world. <b>Pratibha Gogia (20 mins)</b></p> <p>Management of Recurrent Pleural Effusion. <b>Satish Kalanjeri (USA) (20 mins)</b></p> <p><b>Q &amp; A (10 mins)</b></p>

<p><b>19:30 - 20:00</b></p>	<p><b>Industry Session (30 mins) (CIPLA)</b></p> <p><b>Raising the Standard of COPD Care</b></p> <p>COPD Management in India : Need of Triple Therapy. <b>Raja Dhar (10 mins).</b></p> <p>Optimizing COPD Management with Single-inhaler Triple Therapy. <b>MeiLan King Han (USA) (20 mins).</b></p>	<p><b>Industry Session (30 mins) (GSK)</b></p> <p><b>Complete versus partial depletion of eosinophils and its clinical implications</b></p> <p><b>Chair : Anand Jaiswal</b></p> <p>Eosinophils - Physiological role and role in severe asthma and Partial vs Complete Depletion. <b>Agam Vora (10 mins)</b></p> <p>Implications of partial vs complete eosinophils depletion on efficacy and safety of anti IL-5 agents and ITCs . <b>Emilio Pizzichini (Brazil) (10 mins)</b></p> <p><b>Q &amp; A (10 mins)</b></p>	<p><b>Industry Session (30 mins) (ABBOTT)</b></p> <p>Role of Urinary antigen test in Diagnosis of Pneumonia. <b>Agam Vora (20 mins)</b></p> <p><b>Q &amp; A (10 mins)</b></p>	<p><b>Industry Session (30 mins) (HETERO HEALTHCARE)</b></p> <p>Tulobuterol transdermal patch – A novel approach in Asthma and COPD management. <b>P Prabhudesai (20 mins)</b></p> <p><b>Q &amp; A (10 mins)</b></p>	<p><b>Industry Session (30 mins) (FUJIFILM)</b></p> <p>Endobronchial Tuberculosis – Bronchoscopic Management. <b>Hari Kishan Gonuguntla (20 mins)</b></p> <p><b>Q &amp; A (10 mins)</b></p>
<p><b>20:00 - 21:00</b></p>	<p align="center"><b>CULTURAL PROGRAM</b></p>				

# SUNDAY, 31<sup>st</sup> JANUARY 2021

TIME	HALL - A	HALL - B	HALL - C	HALL - D	HALL - E
<b>9:00 - 10:15</b>	<p style="text-align: center;"><b>Symposium on Mycotic Infections - II</b></p> <p>Chair : Manoj Panigrahi, P Arjun, Avya Bansal, Ajo Jose</p> <p>Anti-fungal therapy : Present and the future. <b>(Brig.) B N Panda (15 mins)</b></p> <p>Anti-fungal agents for preventing fungal infections in non-neutropenic critically ill patients. <b>Avdhesh Bansal (15 mins)</b></p> <p>Untargeted antifungal treatment to balance risks and benefit. <b>Venugopal Jaganathan (15 mins)</b></p> <p>Emergence of resistance to antifungal drugs. <b>Kiran Vishnu Narayan (15 mins)</b></p> <p style="text-align: center;"><b>Q &amp; A (15 mins)</b></p>	<p style="text-align: center;"><b>Symposium on Critical Care : The Need of the Hour - III</b></p> <p>Chair : Rajesh Chawla, Samir Sahu, Akhilesh K, Deepti Rathee</p> <p>Stress ulcer prophylaxis with proton pump inhibitors or histamine-2 receptor antagonists in adult intensive care patients. <b>Rajnish Gupta (15 mins)</b></p> <p>Nutrition in ICU. <b>Alladi Mohan (15 mins)</b></p> <p>Thrombo-prophylaxis in critical care. <b>Aditya Jindal (15 mins)</b></p> <p>Musical interventions in ICU. <b>Parthiv Mehta (15 mins)</b></p> <p style="text-align: center;"><b>Q &amp; A (15 mins)</b></p>	<p style="text-align: center;"><b>Symposium on International Guidelines, Consensus reports &amp; Position papers - II</b></p> <p>Chair : P R Gupta, S Yuvarajan, A D Shukla, Ashish Prakash</p> <p>Treatment of Drug-Resistant Tuberculosis. An Official ATS/CDC/ERS/IDSA Clinical Practice Guideline (2019). <b>R P Meena (15 mins)</b></p> <p>Treatment of adult obstructive sleep apnea with positive airway pressure: an American academy of sleep medicine clinical practice guideline (2019). <b>Unnati Desai (15 mins)</b></p> <p>Uniportal video-assisted thoracic surgery lobectomy: a consensus report from the Uniportal VATS Interest Group (UVIG) of the European Society of Thoracic Surgeons (ESTS) (2019). <b>Marco Scarci (Italy) (20 mins)</b></p> <p>Management of malignant pleural effusions: an official ATS/STS/STR clinical practice guideline (2018). <b>Reshmi Nair (15 mins)</b></p> <p style="text-align: center;"><b>Q &amp; A (10 mins)</b></p>	<p style="text-align: center;"><b>Debates</b></p> <p>Chair : S K Luhadia, N K Jain, Jayaprakash B, Muthu Valiappan</p> <p style="text-align: center;"><b>Debate on Tuberculosis - II</b> <i>Can we eliminate Tuberculosis by 2025 ?</i></p> <p>No. <b>Bornali Datta</b> vs Yes. <b>Sanjeev Nair</b> <b>(12 + 4 + 1 mins each)</b></p> <p style="text-align: center;"><b>Debate on Critical Care</b> <i>Daily routine versus on-demand chest radiography in adult ICU patients - does it affect quality of care ?</i></p> <p>Daily CXR. <b>Davis Paul</b> vs On demand CXR. <b>G C Khilnani</b> <b>(12 + 4 + 1 mins each)</b></p> <p style="text-align: center;"><b>Q &amp; A (5 mins)</b></p>	<p style="text-align: center;"><b>Practice-changing Research in Interventional Pulmonology</b></p> <p>Chair : Ujjwal Parakh, Pratibha Singhal, Mahendra Kumar, Aditya Chawla</p> <p>Pleural dye marking of lung nodules by electromagnetic navigation bronchoscopy. <b>Suraj Verma (8 mins)</b></p> <p>Fiducial marker placement with electromagnetic navigation bronchoscopy: a subgroup analysis of the prospective, multicenter NAVIGATE study. <b>Varun Patel (8 mins)</b></p> <p>Electromagnetic navigation bronchoscopy for peripheral pulmonary lesions: one-year results of the prospective, multicenter NAVIGATE study. <b>Ruchi Dua (8 mins)</b></p> <p>A systematic review and meta-analysis of robotic versus open and video-assisted thoracoscopic surgery approaches for lobectomy. <b>Laxmikant Yenge (8 mins)</b></p> <p>Role of high-definition bronchoscopy in histopathological diagnosis of bronchogenic carcinoma according to bronchial vascular patterns. <b>Santhakumar S (8 mins)</b></p> <p>Image enhancement technology in bronchoscopy: a prospective multicentre study in lung cancer. <b>Noufal Poongadan (8 mins)</b></p> <p>Learning Electromagnetic Navigational Bronchoscopy and Percutaneous Transthoracic Needle Biopsy (LEAP): a pilot study. <b>Ashish Agarwal (8 mins)</b></p> <p>A systematic review and cost effectiveness analysis of reusable vs. single-use flexible bronchoscopes. <b>Deepak Muthreja (8 mins)</b></p> <p style="text-align: center;"><b>Q &amp; A (11 mins)</b></p>

<p><b>10:15 - 12:00</b></p>	<p><b>Symposium on Air Pollution and Climatic change</b></p> <p>Chair : A K Janmeja, A B Singh, Kamal Jodhani, A R Paramez</p> <p>Air Pollution and health. <b>Padma Shri Randeep Guleria (15 mins)</b></p> <p>Climate change, air pollution and respiratory allergy. <b>Raj Bhagat (15 mins)</b></p> <p>Ambient air pollution and obstructive airway disease. <b>Sudhanshu Kalra (15 mins)</b></p> <p>Climate change, global warming, respiratory infections and intensive care. <b>Gourahari Pradhan (15 mins)</b></p> <p>Lungs in warming world. <b>Jogesh Sarma (15 mins)</b></p> <p>Global emission of greenhouse gases &amp; the greenhouse effect. <b>Arun Chowdary Kotaru (15 mins)</b></p> <p><b>Q &amp; A (15 mins)</b></p>	<p><b>Symposium on Tuberculosis - V Newer drugs for Drug-Resistant TB</b></p> <p>Chair : G C Ahir, Salil Bhargava, Chitra Iravatham, Poulomi Chatterji</p> <p>Linezolid for drug-resistant pulmonary tuberculosis. <b>K K Chopra (15 mins)</b></p> <p>Bedaquiline : current status. <b>Rupak Singla (15 mins)</b></p> <p>Delamanid : A bet on the wrong horse , Does it now have a role in drug-resistant TB? <b>V K Arora (15 mins)</b></p> <p>Pretomanid: a new hope for drug-resistant TB. <b>V Vinod Kumar (15 mins)</b></p> <p>BPaL and BPaMZ regimens for the treatment for tuberculosis . <b>Rajesh Solanki (15 mins)</b></p> <p>Newer ATDs in pipeline. <b>Amita Nene (15 mins)</b></p> <p><b>Q &amp; A (15 mins)</b></p>	<p><b>Symposium on COVID-19 : The Disaster of the Century - VI Transmission of SARS-CoV-2 infection through aerosol generating procedures</b></p> <p>Chair : G N Srivastava, Alok Nath, Pradyumna Sharma, Piyush Arora</p> <p>The risk through nebulisation. <b>Malay Sarkar (15 mins)</b></p> <p>The threat with non-invasive ventilation procedures. <b>Neetu Jain (15 mins)</b></p> <p>How safe are oxygen delivery procedures - simple nasal cannula, high flow nasal cannula? <b>Karn Mehra (15 mins)</b></p> <p>Risk of infection and precautions to be taken during pulmonary function testing. <b>Gopal Raval (15 mins)</b></p> <p>Cardiopulmonary resuscitation. <b>Ashok K Singh (Delhi) (15 mins)</b></p> <p>Other aerosol generating procedures. <b>Anurag Agarwal (Dehradun) (15 mins)</b></p> <p><b>Q &amp; A (15 mins)</b></p>	<p><b>International Symposium on COPD</b></p> <p>Chair : Sanjeev Mehta</p> <p>COPD in India . <b>Sanjeev Mehta (15 mins)</b></p> <p>Can Phenotyping COPD lead to Personalized Medicine? <b>Sidney Braman (USA) (20 mins)</b></p> <p>Eosinophilic COPD - a real entity? <b>Nicola Hanania (USA) (20 mins)</b></p> <p>The co-morbidities of COPD : mechanisms and disease impact. <b>Barry Make (USA) (20 mins)</b></p> <p>The 'scope' of treating COPD : use of valves. <b>Vishisht Mehta (USA) (20 mins)</b></p> <p><b>Q &amp; A (10 mins)</b></p>	<p><b>Symposium on Interventional Pulmonology - II</b></p> <p>Chairs : Ravindra Mehta, P Chhajed, Karan Madan, Veerotam Tomer</p> <p>Flexible bronchoscopy and the MDR pathogens. <b>V R Pattabhiraman (15 mins)</b></p> <p>Bronchoscopy in the elderly with co-morbidities – how safe ? <b>(Lt. Gen. Retd) BNBM Prasad (15 mins)</b></p> <p>Therapeutic Bronchoscopy. <b>T Balamugesh (15 mins)</b></p> <p>Bronchoscopic ablation of peripheral lung tumours. <b>Rajiv Goyal (15 mins)</b></p> <p>Endobronchial stenting for airway obstruction. <b>Prashant Chhajed (15 mins)</b></p> <p>Awake Thoracoscopy. <b>R Narasimhan (15 mins)</b></p> <p><b>Q &amp; A (15 mins)</b></p>
<p><b>12:00 - 13:00</b></p>	<p><b>Panel Discussion on TB - II</b></p> <p><b>Management of latent TB in countries with high prevalence of disease</b></p> <p>Moderator : N K Jain</p> <p>Panelists : A D Shukla, Ajay Lanjewar, Anitha Kumari, Kumar Utsav Samaria, P T James, Sanjeev Sinha, Savita Jindal</p> <p><b>Q &amp; A (10 mins)</b></p>	<p><b>Panel discussion on Asthma - II</b></p> <p><b>Use of long-term inhaled corticosteroids and risk of developing co-morbidities / diseases</b></p> <p>Moderator : Mohd. Sabir</p> <p>Panelists : Hanmant Varudkar, Jyoti Patnaik, Lingadevi T, M L Gupta, Nishtha Singh, (Col.) Ram Deoskar, S K Agarwal</p> <p><b>Q &amp; A (10 mins)</b></p>	<p><b>Panel Discussion on COPD - II</b></p> <p><b>Mixing of drugs in Nebulization</b></p> <p>Moderator : P D Motiani</p> <p>Panelists : Adesh Kumar, Atul Luhadia, D K Manoj, Mohd. Shameem, Rahul Sharma, S K Chhabra</p> <p><b>Q &amp; A (10 mins)</b></p>	<p><b>Symposium on COPD – III</b></p> <p>Chair : Ashok Mahashur, Kumar Doshi, Gaurav Gupta, Nitin Jain</p> <p>6 Best Papers in COPD. <b>Rakesh Bhargava (20 mins)</b></p> <p><b>Debate on COPD - II</b></p> <p><b>Glycopyrronium bromide versus tiotropium bromide : which to use as a long-acting muscarinic antagonist for the treatment of obstructive airways disease ?</b></p> <p>Glycopyrronium . <b>Suresh Koolwal</b> vs Tiotropium. <b>Salil Bendre</b> <b>(12 + 4 + 1 mins each)</b></p> <p><b>Q &amp; A (5 mins)</b></p>	<p><b>Panel Discussion on Interventional Pulmonology</b></p> <p><b>Oesophageal Ultrasound (EUS) in Pulmonary Medicine</b></p> <p>Moderator : Rajiv Goyal</p> <p>Panelists : Aditya Chawla, Ashish Agarwal, Karan Madan, Mahendra Kumar, Ujjwal Parakh, Veerottam Tomer</p> <p><b>Q &amp; A (10 mins)</b></p>

13:00 - 14:00	<h1>LUNCH BREAK</h1>				
<p><b>14:00 - 15:30</b></p>	<p><b>Symposium on Lung Cancer - III</b></p> <p><b>Chair : Padma Shri D Behera, Anand Jaiswal, Paramjyothi G K, Irfan Ismail Ayub</b></p> <p>Multiple primary lung cancer: a rising challenge. <b>P R Mohapatra (15 mins)</b></p> <p>Updates in targeted therapy for NSCLC. <b>Navneet Singh (15 mins)</b></p> <p>Molecular targeted therapy in lung cancer other than Non-squamous NSCLC. <b>J K Saini (15 mins)</b></p> <p>Surgery versus Lung stereotactic body radiation therapy (SBRT) for early-stage non-small cell lung cancer in the very elderly. <b>(Surg. Capt. Retd.) P S Tampi (15 mins)</b></p> <p>Surgery in lung cancer. <b>Harit Chaturvedi (20 mins)</b></p> <p style="text-align: center;"><b>Q &amp; A (10 mins)</b></p>	<p><b>Symposium on COVID-19 : The disaster of the Century - VII</b> <i>All About Masks, Respirators and PPE</i></p> <p><b>Chair : Narayan Mishra, K C Agarwal, Nitin Abhyankar, Shubhra Jain</b></p> <p>What are different types of masks and respirators and what are their filtering efficiency levels (N, R, and P). <b>Abha Mahashur (15 mins)</b></p> <p>Respirators versus surgical/medical masks. <b>Amina Mobashir (15 mins)</b></p> <p>What is powered air-purifying respirator (PAPR)? <b>Aakanksha Chawla Jain (15 mins)</b></p> <p>How to de-contaminate respirators (N-95) for re-use. <b>Pushendra Verma (15 mins)</b></p> <p>What are different components and types of PPE kits ? <b>Jayalakshmi T K (15 mins)</b></p> <p style="text-align: center;"><b>Q &amp; A (15 mins)</b></p>	<p><b>Symposium on COPD - IV</b> <b>(14:00 - 15:45)</b></p> <p><b>Chair : Dhiman Ganguly, Mohd. Sabir, Mahavir Modi, M Aslam (UAE)</b></p> <p>Once-Daily Single-Inhaler Triple versus Dual Therapy in Patients with COPD. <b>Mansi Gupta (15 mins)</b></p> <p>Possibilities and limitations of inhaled corticosteroids in COPD. <b>Ashok Mahashur (15 mins)</b></p> <p>Anxiolytics and sedatives in COPD. <b>Anil Sontakke (15 mins)</b></p> <p>What is new in GOLD 2020 ? <b>Rajiv Paliwal (15 mins)</b></p> <p>Non-invasive ventilation in COPD - Misguided by Guidelines. <b>Vikram Sarbhai (UAE) (15 mins)</b></p> <p>Smoker's cough - Nothing but Pre-COPD <b>Mohammad Azizur Rahman (Bangladesh) (20 mins)</b></p> <p style="text-align: center;"><b>Q &amp; A (10 mins)</b></p>	<p><b>International Symposium on Asthma</b></p> <p><b>Chair : Sanjeev Mehta</b></p> <p>How asthma biomarkers can direct therapy. <b>Nicola Hanania (USA) (20 mins)</b></p> <p>Biologics for asthma - State of the Art. <b>Linda Rogers (USA) (20 mins)</b></p> <p>Asthma in the Elderly- a different disease?. <b>Sidney Braman (USA) (20 mins)</b></p> <p style="text-align: center;"><i>followed by</i></p> <p style="text-align: center;"><b>Discussion (30 mins)</b></p> <p>Biologics : Are they ready for prime time ? Advantages and Limitations . <b>Sanjeev Mehta</b></p>	<p><b>Symposium for International Guest Speakers - II</b></p> <p><b>Chair : D J Christopher, Raja Dhar, Rajesh Swarnakar, Deepak Muthreja</b></p> <p>Respiratory Mucosal Barrier - Normal versus Diseased. <b>P K Vedanthan (USA) (20 mins)</b></p> <p>Airway Inflammation and early immune response in COVID-19 patients. <b>Hari Shankar Sharma (The Netherlands) (20 mins)</b></p> <p>Thoracoscopy for Undiagnosed Pleural Effusion. <b>Pyng Lee (Singapore) (20 mins)</b></p> <p>COVID-19 considerations in the Intensive Care Unit. <b>Atul Malhotra (USA) (20 mins)</b></p> <p style="text-align: center;"><b>Q &amp; A (10 mins)</b></p>
<p><b>15:30 - 17:00</b></p>	<p><b>American College of Chest Physicians (ACCP) CHEST International Symposium on Asthma</b></p> <p><b>Moderator : Steven Q Simpson (USA)</b></p> <p>Advances in Asthma Management - A Spotlight on Biologics. <b>Sandhya Khurana (USA) (20 mins)</b></p> <p>The implications of Asthma and Management during the COVID-19 Pandemic. <b>Diego J Maselli (USA) (20 mins)</b></p>	<p><b>Symposium on Respiratory Infections - III</b> <i>Therapy in the Post-antibiotic Era</i></p> <p><b>Chair : Samir Sahu, Kapil Salgia, Parul Mrigpuri, Amina Mobashir</b></p> <p>Therapy for infectious diseases beyond antibiotics in the 'Post-antibiotic era'. <b>George D'Souza (15 mins)</b></p> <p>Antimicrobial peptides and metal nanoparticles as future strategies. <b>Mohan Kumar Thekkinkattil (15 mins)</b></p> <p>Bacteriophages in the battle against MDR pathogens. <b>Vishak Acharya (15 mins)</b></p>	<p><b>Symposium on Emerging trends in inhalational/nebulized drug delivery</b> <b>(15:45 - 17:00)</b></p> <p><b>Chair : Sundeep Salvi, Vishnu Sharma, Sushmita Roychowdhury, Naveed Shah</b></p> <p>Inhaled antibiotics and mucolytics as an adjunctive therapy in chronic lower respiratory infections including cystic fibrosis, bronchiectasis, especially with Pseudomonas infections. <b>Vishal Chopra (15 mins)</b></p> <p>Inhaled therapy in pulmonary hypertension. <b>Loganathan N (15 mins)</b></p>	<p><b>Symposium on OSA in Adults - III</b></p> <p><b>Chair : Dipti Gothi, Pratibha Dogra, Ashok Kumar Singh, Unnati Desai</b></p> <p>Drug therapy for OSA in adults. <b>Pavan Tiwari (15 mins)</b></p> <p>Positional therapy in the management of obstructive sleep apnoea. <b>Saurabh Mittal (15 mins)</b></p> <p>Adherence to C-PAP – a major hurdle in the management of OSA and novel interventions to improve its usage. <b>(Air Commodore) Ajay Handa (15 mins)</b></p>	<p><b>Symposium on High Altitude Travel and Altitude Illnesses</b></p> <p><b>Chair : Ravindra Sarnaik, Neeraj Gupta, P A Mahesh, S K Chhabra</b></p> <p>The lung at high altitude. <b>Parvez Ahmad (15 mins)</b></p> <p>Travel to high altitude with pre-existing lung disease. <b>Naveed Shah (15 mins)</b></p> <p>Air travel hypoxaemia and safe air travel in COPD patients. <b>Narendra Khippal (15 mins)</b></p>

	<p>An Update on Asthma Guidelines. <b>Megan Conroy (USA) (20 mins)</b></p> <p><b>Q &amp; A (30 mins)</b></p>	<p>The lung microbiome, gut-lung axis and probiotics in lung infections. <b>Rohit Kumar (15 mins)</b></p> <p>Curcumin as an efflux pump inhibitor. <b>Kamal Jodhani (15 mins)</b></p> <p><b>Q &amp; A (15 mins)</b></p>	<p>Role in NTM, mycotic and viral respiratory infections. <b>Shikha Jindal Gupta (15 mins)</b></p> <p>Palliative respiratory care in terminally ill patients. <b>Rajam Iyer (15 mins)</b></p> <p><b>Q &amp; A (15 mins)</b></p>	<p>Usage of opioid, hypnotic, and sedating medications on sleep-disordered breathing in adults with OSA. <b>Himanshu Garg (15 mins)</b></p> <p>Bariatric surgery in OSA - how useful? <b>B P Singh (15 mins)</b></p> <p><b>Q &amp; A (15 mins)</b></p>	<p>Hypoxia altitude simulation test, pre-flight assessment, and fitness to fly. <b>Sameer Singhal (15 mins)</b></p> <p><b>Q &amp; A (15 mins)</b></p>
<p><b>17:00 - 18:15</b></p>	<p><b>Symposium on Natural Disasters and threat to lung health</b></p> <p>Chair : (Surg. Capt. Retd.) P S Tampi, Shashi Bhushan, V Vinod Kumar, Shital Patil</p> <p>Thunderstorm asthma. <b>Frank Thien (Australia) (20 mins)</b></p> <p>Heat waves, sand and dust storms. <b>Sonali Trivedi (15 mins)</b></p> <p>Volcano eruptions. <b>P S Shankar (15 mins)</b></p> <p>Burning of crops and forest fires. <b>V K Arora (15 mins)</b></p> <p><b>Q &amp; A (10 mins)</b></p>	<p><b>Symposium on Miscellaneous Disorders - III</b></p> <p>Chair : A K Abdul Khader , Sudanshu Kalra, Ritabrata Mitra, Lingadevi T</p> <p>The beauty and power of breath. <b>Sundeep Salvi (15 mins)</b></p> <p>Health 3-D bioprinting: Is this the future of organ transplantation? <b>Vishnu Sharma (15 mins)</b></p> <p>An update on Gene therapy in lung diseases. <b>Praveen Valsalan (15 mins)</b></p> <p>Virtual consultations in COVID times. <b>Priyank Jain (15 mins)</b></p> <p><b>Q &amp; A (15 mins)</b></p>	<p><b>Symposium for International Guest Speakers - III</b></p> <p>Chair : P D Motiani, S N Gaur, Manoj Goel</p> <p>Policy decisions and COVID-19. <b>Vikram Sarbhai (UAE) (20 mins)</b></p> <p>Why early prevention of exacerbation is most important intervention in COPD management? <b>Mukesh Singh (UK) (15 mins)</b></p> <p>Hospital management of severe asthma- pearls and pitfalls. <b>Vivek Iyer (USA) (15 mins)</b></p> <p>Management of COVID-19 patients with Respiratory failure in the NHS. <b>Anand Singh (UK) (15 mins)</b></p> <p><b>Q &amp; A (10 mins)</b></p>	<p><b>International Symposium on Post-COVID-19 Pulmonary Fibrosis</b></p> <p>Introduction. <b>Sanjeev Mehta (5 mins)</b></p> <p>COVID Lung Disease - Clinical Perspectives of Imaging in the COVID-19 Pandemic. <b>Suhail Raouf (USA) (45 mins)</b></p> <p>Summary and closing remarks. <b>Sanjeev Mehta (10 mins)</b></p> <p><b>Q &amp; A (15 mins)</b></p>	<p><b>Symposium on Critical Care - IV An update on NIV</b></p> <p>Chair : M K Daga, Vijay Hadda, Neetu Jain, Ashesh Dhungana (Nepal)</p> <p>NIV use to prevent reintubation and in peri-operative period. <b>Gyanendra Agarwal (15 mins)</b></p> <p>Non-invasive ventilation assisted bronchoscopy in hypoxemic patients. <b>Mrinal Sircar (15 mins)</b></p> <p>Non-invasive ventilation - lessons from COVID-19. <b>Mark Elliott (UK) (20 mins)</b></p> <p>Long-term home NIV. <b>(Col.) Vikas Marwah (15 mins)</b></p> <p><b>Q &amp; A (10 mins)</b></p>
<p><b>18:15 - 19:00</b></p>	<p><b>VALEDICTORY FUNCTION</b></p>				