### Bronchoscopy

- **Overview of the course**
  - Bronchoscopy has been known in the research since the early 1960s. New with current research linking treatment protocols to success or an adjunction treatment to obstruction, deep airspace, forward head posture, digestive disorders, pediatric/infant control, endoscopic/functional/orthodontic treatment, post-infectious, fixation, post-traumatic therapy.

- **Indications for Bronchoscopy**
  - Bronchoscopy and BAL

- **Preparation and Sedation for Flexible Bronchoscopy**
  - Challenge Tests: What is Available?

- **Transbronchoscopic Intubation**

- **Normal Flexible Bronchoscopy**
  - Specific Objective: Myofunctional Therapy (MMT)
  - Specific Objective: Myofunctional Therapy Workshop
  - Procedure will be able to:
    - Define oralmyofunctional disorders (OMDs)
    - Understand the impact of these disorders on health
    - Understand the strategy of myofunctional disorders
    - Review the current evidence-based research regarding OMDs
    - Observe case studies
    - Discuss how myofunctional therapy can be integrated into a multi-disciplinary program
    - Learn some therapeutic techniques that may assist their patients in achieving a higher level of health
  - Treatment Planning:
    - Therapeutic: Techniques: Demonstrating some of the exercises
    - Sequencing in treatment: Discussing the common goals and potential problems
    - Motivation for success: Using technology and training visuals
    - Reviewing case studies

- **How to Manage Complications During Bronchoscopy**
  - Infant Lung Function Testing - Is it Useful?

### Bronchoscopy Unit

- **Stuart Gan Lecture**
  - Topic: PD, Immune Dysregulation, Autoimmunity and Single Gene Defects
  - Danone Nursing Symposium

### Lunch

- **Lunch Symposium 1**
- **Lunch Symposium 2**
- **Lunch Symposium 3**
  - Young Investigations / Oral Presentation
  - Young Investigations / Oral Presentation
  - Danone Nursing Symposium

### Symposium 1
- **Respiratory Infections (I)**
- **Respiratory Infections (II)**
- **Interpretative Tests**
- **New Modalities in The Treatment of Non-CF Bronchiectasis**
- **What is there?**

### Symposium 2
- **ARDS in Paediatrics**
- **Function Laboratory**
- **Non-CF Bronchiectasis**
- **High Flow Oxygen in Acute Respiratory Distress**
- **ARDS in Paediatrics: Anything New?**

### Symposium 3
- **Management of Acute Asthma**
- **Management of OSA Beyond CPAP**
- **Food Allergy and Eczema - Is There a Link?**
- **Management of OSA Beyond CPAP**
- **Approach to Chronic Obstructive Pulmonary Disease**

### Symposium 4
- **Pulmonary TB - A Disease of The Developing Countries?**
- **Non-CF Bronchiectasis: An Update**
- **Non-CF Bronchiectasis: Is It New?**
- **Non-CF Bronchiectasis: What is New?**
- **Sleep disorders in children with neuromuscular disorder**

### Symposium 5
- **Management of OSA Beyond CPAP**
- **Management of OSA Beyond CPAP**
- **Sleep disorders breathing in children with neuromuscular disorder**
- **Management of OSA Beyond CPAP**
- **Approach to Neonatal Intensive Care**

### Symposium 6
- **Management of OSA Beyond CPAP**
- **Management of OSA Beyond CPAP**
- **Sleep disorders breathing in children with neuromuscular disorder**
- **Management of OSA Beyond CPAP**
- **Approach to Neonatal Intensive Care**

### Symposium 7
- **Management of Acute Asthma**
- **Management of OSA Beyond CPAP**
- **Sleep disorders breathing in children with neuromuscular disorder**
- **Management of OSA Beyond CPAP**
- **Approach to Neonatal Intensive Care**

### Symposium 8
- **Management of Acute Asthma**
- **Management of OSA Beyond CPAP**
- **Sleep disorders breathing in children with neuromuscular disorder**
- **Management of OSA Beyond CPAP**
- **Approach to Neonatal Intensive Care**

### Symposium 9
- **Management of Acute Asthma**
- **Management of OSA Beyond CPAP**
- **Sleep disorders breathing in children with neuromuscular disorder**
- **Management of OSA Beyond CPAP**
- **Approach to Neonatal Intensive Care**

### Symposium 10
- **Management of Acute Asthma**
- **Management of OSA Beyond CPAP**
- **Sleep disorders breathing in children with neuromuscular disorder**
- **Management of OSA Beyond CPAP**
- **Approach to Neonatal Intensive Care**

### Symposium 11
- **Management of Acute Asthma**
- **Management of OSA Beyond CPAP**
- **Sleep disorders breathing in children with neuromuscular disorder**
- **Management of OSA Beyond CPAP**
- **Approach to Neonatal Intensive Care**

### Symposium 12
- **Management of Acute Asthma**
- **Management of OSA Beyond CPAP**
- **Sleep disorders breathing in children with neuromuscular disorder**
- **Management of OSA Beyond CPAP**
- **Approach to Neonatal Intensive Care**

### Symposium 13
- **Management of Acute Asthma**
- **Management of OSA Beyond CPAP**
- **Sleep disorders breathing in children with neuromuscular disorder**
- **Management of OSA Beyond CPAP**
- **Approach to Neonatal Intensive Care**

### Symposium 14
- **Management of Acute Asthma**
- **Management of OSA Beyond CPAP**
- **Sleep disorders breathing in children with neuromuscular disorder**
- **Management of OSA Beyond CPAP**
- **Approach to Neonatal Intensive Care**
### DAY 1
#### 21 October 2016

<table>
<thead>
<tr>
<th>Time</th>
<th>Workshop 1</th>
<th>Workshop 2</th>
<th>Workshop 3</th>
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<tbody>
<tr>
<td>0800</td>
<td>Registration</td>
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</tr>
<tr>
<td>0830</td>
<td>Bronchoscopy</td>
<td>Procedures in Pulmonology</td>
<td>Myofunctional Therapy</td>
</tr>
<tr>
<td></td>
<td>• How to set up a Bronchoscopy Unit</td>
<td>• How to Set up a Lung Function Laboratory</td>
<td>• Overview of the course: Orofacial Myofunctional therapy has been known in the research since the early 1900’s. Now with current research linking treatment protocols to success as an adjunctive treatment to obstructive sleep apnea, forward head posture, digestive disorders, parafunctional habit control, early interdisciplinary orthodontic treatment, post-orthodontic retention, periodontal therapy, temporal mandibular joint dysfunction and recognition and treatment of restricted frenums, health care workers may want to incorporate a systematic program into their practice. This course is an overview of the treatment including some habit elimination therapy that a practitioner may implement into their practice.</td>
</tr>
<tr>
<td></td>
<td>• Indications for Bronchoscopy and BAL</td>
<td>• Interpretation of Spirometry</td>
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<tr>
<td></td>
<td>• Preparation and Sedation for Flexible Bronchoscopy</td>
<td>• Challenge Tests- What is Available?</td>
<td></td>
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<tr>
<td>1000</td>
<td>Tea Break</td>
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<tr>
<td>1030</td>
<td>Special Procedures in Bronchoscopy</td>
<td>Interventional Bronchoscopy</td>
<td>Myofunctional Therapy Workshop</td>
</tr>
<tr>
<td></td>
<td>• The Role of Lung Volumes and Diffusion Capacity of Carbon Monoxide</td>
<td>• Lung Function Measurements in Neuromuscular Disorders</td>
<td>Practitioner will be able to: 1. Define orofacial myofunctional disorders (OMDs) 2. Understand the impact of these disorders on health 3. Identify the etiology of myofunctional disorders 4. Review the current evidence based research regarding OMDs 5. Observe case studies 6. Discuss how myofunctional therapy can integrate into a multi-disciplinary program 7. Learn some therapeutic techniques that may assist their patients in attaining a higher level of health</td>
</tr>
<tr>
<td></td>
<td>• How to Manage Complications During Bronchoscopy</td>
<td>• Infant Lung Function Testing - Is It Useful?</td>
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<tr>
<td>1200</td>
<td>Lunch</td>
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<tr>
<td>1330</td>
<td>Hands-On Station 1</td>
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<tr>
<td></td>
<td>• Normal Flexible Bronchoscopy</td>
<td>• Normal Spirometry</td>
<td>I. Evaluation and Determination of Myofunctional Disorders 1. Assess the need for treatment/patient selection 2. Important measurements in order to determine success 3. Understanding the sequencing of treatment planning</td>
</tr>
<tr>
<td></td>
<td>• Transbronchoscopic Intubation</td>
<td>• Mannitol Challenge/FeNO/ SPT</td>
<td>II. Treatment Planning 1. Therapeutic Techniques: Demonstrating some of the exercises 2. Sequencing in treatment: Discussing specific exercises for different problems 3. Motivation for success: using technology and monitoring results 4. Reviewing case studies</td>
</tr>
<tr>
<td>1500</td>
<td>Afternoon Coffee Break</td>
<td></td>
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<tr>
<td></td>
<td>• Foreign Body retrieval</td>
<td>• Impedence Oscillometry (IOS)</td>
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<td></td>
<td>• Endobronchial Biopsy</td>
<td>• Lung Ultrasound</td>
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<tr>
<td>1700</td>
<td>End of Workshop</td>
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<tr>
<td>1900</td>
<td>APPS Council Meeting (By Invitation)</td>
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## 5TH SINGAPORE PAEDIATRIC & PERINATAL ANNUAL CONGRESS
IN CONJUNCTION WITH THE 2ND ASIAN PAEDIATRIC PULMONOLOGY SOCIETY (APPS) ANNUAL CONGRESS
21 - 23 OCTOBER 2016
THEME: TOWARDS BETTER CHILD HEALTH IN ASIA
SCIENTIFIC PROGRAM (TENTATIVE)

### DAY 2
22 October 2016

<table>
<thead>
<tr>
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<th>Ballroom 1</th>
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<tbody>
<tr>
<td>0800</td>
<td>0850 Registration</td>
<td>0900 Opening Ceremony</td>
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<tr>
<td>1000</td>
<td>1030 Tea Break</td>
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<tr>
<td>1030</td>
<td>1030 Young Investigators / Oral Presentation</td>
<td>1030 Young Investigators / Oral Presentation</td>
<td>Danone Nursing Symposium</td>
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<tr>
<td>1200</td>
<td>1200 Lunch Symposium 1</td>
<td>1200 Lunch Symposium 2</td>
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<tr>
<td>1230</td>
<td>1330 Afternoon Coffee Break</td>
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<tr>
<td>1330</td>
<td>1330 Viral-Induced Wheeze - An Overdiagnosed Entity?</td>
<td>1330 ADHD - A Primary or Secondary Disease?</td>
<td>1330 Update on Mosquito - Borne Infections</td>
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<tr>
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<td>1330 Is There a Role for Intermittent ICS in Recurrent Childhood Wheeze</td>
<td>1330 Speech Delay - When Is It a Concern?</td>
<td>1330 Probiotics and Atopic Dermatitis</td>
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<td>1330 Recurrent Wheeze In Children - What Else Can It Be?</td>
<td>1330 Management of Autism</td>
<td>1330 Approach to Headache</td>
</tr>
<tr>
<td>1500</td>
<td>1530 Afternoon Coffee Break</td>
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<tr>
<td>1530</td>
<td>1530 Management of Community - Acquired Pneumonia</td>
<td>1530 Depression in Adolescents - How Big is The Problem</td>
<td>1530 Management of Preterm PROM: What is new?</td>
</tr>
<tr>
<td></td>
<td>1530 Mycoplasma Pneumonia - A Benign Disease?</td>
<td>1530 Eating Disorders in Adolescents</td>
<td>1530 Update on Newborn Resuscitation: ILCOR 2015 Guidelines</td>
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<td>1530 Approach to Complicated Pneumonia</td>
<td>1530 Sleep Issues In Adolescents</td>
<td>1530 HiRISK Screening Program</td>
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<tr>
<td>1700</td>
<td>1730 End of Day 1</td>
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<tr>
<td>1730</td>
<td>1830 College Lecture</td>
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<td>1830</td>
<td>1915 Dinner Registration</td>
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<td>1915</td>
<td>2200 Congress - SPS Annual Dinner</td>
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<tr>
<td>2200</td>
<td>2200 End of Night</td>
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# 5th Singapore Paediatric & Perinatal Annual Congress

**In Conjunction with the 2nd Asian Paediatric Pulmonology Society (APPS) Annual Congress**

21 - 23 October 2016

**Theme: Towards Better Child Health in Asia**

**Scientific Program (Tentative)**

## Day 2

### 23 October 2016

<table>
<thead>
<tr>
<th>Time</th>
<th>Ballroom 1</th>
<th>Ballroom 2</th>
<th>Ballroom 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>0800</td>
<td>Registration</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
| 0830 | 1) “Mucus clearance disorders: What therapies are there?”
      | 2) “The effect of increases in world population on future respiratory health in children” |            |            |
| 1000 | **Tea Break** |            |            |
| 1030 | Symposium 7  
      | Respiratory Infections (II) | Symposium 8  
      | Respiratory Disease | Symposium 9  
      | General Paediatrics (II) |
|      | Pulmonary TB - A Disease of the Developing Countries? | Non-CF Bronchiectasis: An Update | The Fussy Eater - When Does One Worry? |
|      | New WHO Recommendations For Pulmonary TB | Current Management Strategies For Cystic Fibrosis | Approach to Chronic Constipation |
|      | Review of Vaccine - Preventable Respiratory Infections | Primary Ciliary Dyskinesia In Children | Too short or too tall: A Paediatrician’s Guide to Evaluation |
| 1200 | Lunch Symposium 4 | Lunch Symposium 5 | Lunch Symposium 6 |
| 1330 | Symposium 10  
      | Respiratory Ventilation | Symposium 11  
      | Allergic Disease | Symposium 12  
      | Interpretative Tests |
|      | ARDS in Paediatrics: Anything new? | Food Allergy and Eczema - Is There a Link? | Essentials of ECG |
|      | NIV or High Flow Oxygen in Acute Respiratory Distress | Allergic Rhinitis and Asthma - One Airway Disease? | CXR 101 |
|      | Role of NIV in Chronic Lung Disease | Role of The Environment in the Development of Allergic Disease | Allergy Tests - Whom, What, When and Why? |
| 1500 | **Afternoon Coffee Break** |            |            |
| 1530 | Symposium 13  
      | Asthma (II) | Symposium 14  
      | Sleep | Symposium 15  
      | Renal |
|      | Management of Acute Asthma Exacerbations | Sleep disordered breathing in children with neuromuscular disorder | Approach to Haematuria |
|      | New Modalities in The Treatment of Childhood Asthma | Management of OSA Beyond Adenotonsillectomy | Updates on The Management of UTI and VUR |
|      | Can Asthma be Prevented? | Common Behavioural Sleep Issues in Children | Hypertension in Children |
| 1700 | **Closing Ceremony** |            |            |
| 1730 | **End of Congress** |            |            |