Workshop Synopsis

Major and complex surgeries are being more routinely performed these days. There is a substantial body of literature examining the pre-operative, intraoperative & postoperative care of the surgical patients. This workshop aims at equipping physiotherapists with skills necessary to manage the complex surgical patients, in particularly the obese, elderly and pregnant surgical candidate, as well as patients for head and neck surgery, lung surgery and solid organ transplant. The pathophysiology and the clinical predicting model for post-operative pulmonary complications will be reviewed. The emerging evidence supporting the roles of physiotherapy in pulmonary care and exercise rehabilitation during the peri-operative period will be explored.

Target Audience

Physiotherapists with 2 – 3 years of working experience.

Workshop Details

Date: 14 - 18 Dec 2015
Duration: 20 hours over 5 half-days
Time: 1.00 pm – 5.00 pm
Venue: Therapy Skills Training Lab
Level 1, Academia
20 College Road, Singapore 169856
Fee: $370 per pax

Registration can be done online at:
www.sgh.com.sg/pgahi
A copy of the registration form can also be downloaded from the website.
Registration deadline: 30 Nov 2015

Contact

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SGH – Postgraduate Allied Health Institute
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Email| joyce.lee.g.l@sgh.com.sg
www.sgh.com.sg/pgahi

CANCELLATION POLICY

Any cancellation or replacement must be conveyed to PGAHI in writing. A cancellation fee of 50% of registration fee will be charged if the cancellation is received before 30 Nov 2015. There will be no refund of registration fee for cancellation on or after 30 Nov 2015. PGAHI reserves the right to cancel the workshop and fully refund the amount of registration fee paid to the participants should unforeseen circumstances necessitate it.

Advanced Respiratory Care in Surgical Patients

14 – 18 December 2015
(Workshop will be conducted over 5 half days)
Learning Outcomes

At the end of the workshop, the participants should acquire:

1. Knowledge on the purpose, indication, selection and preparation of patients for preoperative rehabilitation

2. Ability to gather, interpret and synthesize information to evaluate the impact of surgery and its associated medical management on the patient’s pulmonary function

3. Advanced understanding of the pathogenesis, diagnosis and management approach of patients with postoperative pulmonary complications (PPC)

4. Knowledge to risk stratify surgical patients for PPC

5. Advanced skills to assess and provide holistic physiotherapy management for patients undergoing complex surgery

Faculty

**Ms Aisyah Omar**  
Physiotherapist  
Singapore General Hospital

**Dr Victor Chao**  
Senior Consultant  
Department of Cardiothoracic Surgery  
National Heart Centre Singapore

**Mr Chen Hebin**  
Senior Physiotherapist  
Department of Cardiac Physiotherapy Services  
National Heart Centre Singapore

**Ms Eleanor Chew**  
Senior Physiotherapist  
Singapore General Hospital

**Dr Hairil Rizal Abdullah**  
Consultant and Director Preoperative Evaluation Clinic  
Department of Anaesthesiology  
Singapore General Hospital

**Ms Katherine Huang**  
Physiotherapist  
Singapore General Hospital

**Ms Low Wai Yan**  
Principal Physiotherapist  
Singapore General Hospital

Faculty

**Ms Brenda Ong**  
Senior Physiotherapist  
Singapore General Hospital

**Asst Prof Ong Hwee Kuan**  
Principal Physiotherapist  
Singapore General Hospital  
Asst Professor, Academic Programme  
Singapore Institute of Technology

**Ms Seah Pei Fen**  
Physiotherapist  
Singapore General Hospital

**A/Prof Tay Sook Muay**  
Senior consultant  
Department of Anaesthesiology  
Singapore General Hospital

**Dr Constance Teo**  
Consultant  
Department of Otolaryngology  
Singapore General Hospital

**Ms Irene Too**  
Senior Nurse Clinician (APN)  
Nurse Clinician (Specialty Care) Services  
Singapore General Hospital
# Programme Outline

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Topic</th>
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<tbody>
<tr>
<td><strong>14 Dec: Pre-op Assessment</strong></td>
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<td>Risk Stratification for Post-op Pulmonary Complications and Pre-op Optimization</td>
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<td></td>
<td>1300 – 1400</td>
<td>Preoperative Physiotherapy Management: Evidence of role of Pre-habilitation</td>
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<td>1400 – 1500</td>
<td>Pre-OP IMT – Assessment &amp; Prescription</td>
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<td>1530 – 1700</td>
<td>Effects of Anaesthesia on the Cardio-respiratory System &amp; Gastrointestinal System</td>
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<td><strong>15 Dec: Post-op Considerations</strong></td>
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<td>Common Post-operation Complications (Pathophysiology and Clinical Presentation)</td>
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<td>1300 – 1400</td>
<td>Nursing Management in SICU – What do Physiotherapists Need to Know?</td>
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<td>1400 – 1500</td>
<td>Options &amp; Evidence for Non-pharmacological Pain Management</td>
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<td>1500 – 1600</td>
<td>Options &amp; Evidence for Non-pharmacological Pain Management</td>
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<td>1600 - 1700</td>
<td>Post-operative Physiotherapy Management: Evidence for Routine Post-op Physiotherapy</td>
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<td><strong>16 Dec: Major Abdominal Surgeries &amp; Solid Organ Transplant</strong></td>
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<td>Physiotherapy Management After Abdominal Surgeries &amp; Case Study (Elderly; Whipples)</td>
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<td>1300 – 1400</td>
<td>Role of a PT in a Transplant Team</td>
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<td>1400 – 1530</td>
<td>Case Study – Kidney Transplant</td>
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<td>1530 – 1700</td>
<td>Case Study – Renal Transplant</td>
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<td><strong>17 Dec: Thoracic Surgeries</strong></td>
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<td>Cardiothoracic Surgery</td>
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<td>1300 – 1400</td>
<td>Esophagectomy – Case Study</td>
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<td>1400 – 1530</td>
<td>Physiotherapy Post Heart &amp; Lung Surgeries (e.g. Lobectomy, Pneumonectomy, Transplant)</td>
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<td>1530 - 1700</td>
<td>Physiotherapy Post Heart &amp; Lung Surgeries (e.g. Lobectomy, Pneumonectomy, Transplant)</td>
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<td><strong>18 Dec: Other Surgeries</strong></td>
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<td>Head and Neck Surgeries with Reconstruction</td>
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<td>1300 – 1400</td>
<td>Physiotherapy Management after Head and Neck Surgeries – Early CP (case study) &amp; Rehab Consideration</td>
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<td>1400 – 1530</td>
<td>Special Considerations - Surgeries in Morbidly Obese &amp; Case Study</td>
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