



5th SINGAPORE REHABILITATION CONFERENCE

Integrating Rehabilitation Care: From Hospital to the Community

7 - 8 September 2017 | Academia, SGH Campus

Day 1 - Thursday, 7 September 2017

Time	Programme	
0715	Registration	
0745	All guests to be seated	
0800	Opening Ceremony & Keynote Addresses	
	<i>Auditorium</i>	
	<p>Opening Address by Assoc Prof Ng Yee Sien: <i>Integrating Rehabilitation from Hospital to Community: Rehabilitation – The Final Frontier</i> <i>Organising Chairperson, 5th Singapore Rehabilitation Conference</i></p>	
	<p>Opening Speech by Guest-of-Honour: <i>Dr Lam Pin Min, Senior Minister of State for Health and Transport</i></p>	
	<p>Keynote Plenary 1: <i>Towards an Inclusive Society - From Hospital to the Community</i> <i>by Chia Yong Yong, PBM</i> <i>President of SPD, Nominated Member of Parliament, Singapore</i></p>	
	<p>Keynote Plenary 2: <i>Multidisciplinary Approach to Rehabilitation Care</i> <i>by Prof Henry Lew</i> <i>Tenured Professor, University of Hawaii School of Medicine, USA</i> <i>Adjunct Professor, Virginia Commonwealth University School of Medicine, USA</i> <i>Honorary Chair Professor, Chung Shan Medical University, Taiwan</i></p>	
0930	Break	
1000 – 1200	<p>Track 1: Cancer Rehabilitation</p> <p><i>Chaired by: Prof Rob Newton</i></p> <p style="text-align: right;"><i>Auditorium</i></p>	<p>Track 2: Musculoskeletal Rehabilitation: Amputee and Hip Fractures</p> <p><i>Chaired by: Dr. Rajeswaran Deshan Kumar</i></p> <p style="text-align: right;"><i>L1-S3</i></p>
	<p>Plenary Talk</p> <p>Exercise In Cancer Rehabilitation: Evidence and Practical Tips</p> <p><i>Prof Rob Newton,</i> <i>Associate Dean, Medical and Exercise Sciences</i> <i>Co-Director, Exercise Medicine Research Institute</i> <i>School of Medical and Health Sciences</i> <i>Edith Cowan University</i></p>	<p>Functional Rehabilitation of the Amputee</p> <p><i>Ms Rinku Devi, Physiotherapist, Dept of</i> <i>Physiotherapy, Singapore General Hospital</i></p>
	<p>Early Oncology Rehabilitation for Lymphoma Patients: Functional Outcomes and Inpatient Pilot Program</p> <p><i>Dr Saw Hay Mar, Consultant, Dept of Rehabilitation Medicine, Singapore General Hospital</i></p>	<p>Revolutionizing Healthcare: How 3D Printing Will Transform Future Prosthetics & Orthotics Industry</p> <p><i>Mr Trevor Binedell, Principal Prosthetist / Orthotist, Tan Tock Seng Hospital</i></p>
	<p>Eating Well through Head and Neck Cancer It Takes a Team</p> <p><i>Ms Yee Kaisin, Speech and Language Therapist</i></p>	<p>Amputee Sports and Classification</p> <p><i>Ms Kelly Fan, Executive Director, Singapore</i></p>



5th SINGAPORE REHABILITATION CONFERENCE

Integrating Rehabilitation Care: From Hospital to the Community

7 - 8 September 2017 | Academia, SGH Campus

	<p><i>Speech Therapy, Singapore General Hospital and Ms Peh Hui Yee, Dietitian, Dept of Dietetics Singapore General Hospital</i></p>	<p><i>Disability Sports Council</i></p>
	<p>The Singapore Cancer Society Rehab Program: How We Do It <i>Dr Ong Yew Jin, Medical Director, Singapore Cancer Society and Ms Jeanette Chan, Art Therapist, Psychosocial Services Department, Singapore Cancer Society</i></p>	<p>Rehabilitation Challenges in the Multiple Limb Amputee <i>A/Prof Tjan Soon Yin, Senior Consultant and Head, Rehabilitation Medicine Dept, Tan Tock Seng Hospital</i></p>
	<p>Prehabilitation in Geriatric Patients Undergoing Colorectal Surgery <i>Ms Kylie Siu, Senior Physiotherapist, Rehabilitation Services, Khoo Teck Puat Hospital</i></p>	<p>Hip Fracture Care Pathways in Community Hospital <i>Dr Chong Tsung Wei, Senior Consultant, Chairperson for Clinical Quality, St Luke's Hospital</i></p>
	<p>Post-chemotherapy Cognitive Impairment: The Singapore Experience <i>A/Prof Alexandre Chan, Deputy Head and Associate Professor, NUS Pharmacy</i></p>	<p>Geriatric Rehabilitation in the Community and ILTC setting <i>Ms Yong Li Min, Senior Principal Physiotherapist, Allied Health Services, NTUC Health</i></p>
1200	Lunch and Tour of Exhibition Booths	
1300	<p><u>Lunch Symposium</u> Botulinum Toxin A in Spasticity: An Update (Sponsored by Menarini) <i>by A/Prof Kong Keng He, Senior Consultant, Dept of Rehabilitation Medicine, Tan Tock Seng Hospital</i></p>	
1330 – 1500	<p>Track 3: Cardiopulmonary Rehabilitation <i>Chaired by: Dr Effie Chew</i> <i>Auditorium</i></p>	<p>Track 4: Maximizing Care of the Tetraplegic in the Post Acute Setting <i>Chaired by: Ms Nancy Ang</i> <i>L1-S3</i></p>
	<p>My Story: Living with Heart and Lung Disease <i>Mr Mohd Amin bin Haji S. S. Mubarak</i></p>	<p>Overview of Issues in the High Tetraplegic <i>Dr Adela Tow</i> <i>Senior Consultant, Dept of Rehabilitation Medicine, Tan Tock Seng Hospital</i></p>
	<p>Pulmonary Rehabilitation in Singapore <i>Dr Noel Stanley Tay</i> <i>Director of Service, Dept of Respiratory Medicine, Ng Teng Fong General Hospital</i></p>	<p>The Spinal Support Group and Tetraplegia Workgroup - How They are Reaching Out to Tetraplegias in the Community <i>Ms Tess Hng, Senior Medical Social Worker, Care and Counselling Department Tan Tock Seng Hospital</i></p>



5th SINGAPORE REHABILITATION CONFERENCE

Integrating Rehabilitation Care: From Hospital to the Community

7 - 8 September 2017 | Academia, SGH Campus

	<p>Advances in Cardiac Rehabilitation A/Prof Tan Swee Yaw, Senior Consultant, Dept of Cardiology, National Heart Centre Singapore</p>	<p>Communication Needs in the High Tetraplegic Ms Goh Cheng Jee, Senior Speech Therapist, Rehab Therapy Services, Speech Therapy, Tan Tock Seng Hospital</p>
	<p>Exercise Prescription Principles in Pulmonary Rehabilitation Ms Jaclyn Chow, Senior Physiotherapist, Physiotherapy Dept, Tan Tock Seng Hospital</p>	<p>Surgical Options for Improving Upper Limb Function in Tetraplegics Dr Sandeep Jacob Sebastin, Consultant, Dept of Hand & Reconstructive Microsurgery, National University Hospital</p>
	<p>Cardiac Rehabilitation in the Community Mr Tay Hung Yong, Principal Physiotherapist Manager, SHF – Heart Wellness Centre, Singapore Heart Foundation</p>	<p>Tracheostomy Care and Weaning in the High Tetraplegic in the Community Dr Adrian Tan, Consultant, Family Physician, Dept of Continuing and Community Care, Tan Tock Seng Hospital</p>
1500	Break	
1530 – 1730	<p style="text-align: center;">Track 5: Technology and Imaging in Rehabilitation</p> <p style="text-align: center;"><i>Chaired by: Prof Henry Lew</i></p> <p style="text-align: right;"><i>Auditorium</i></p>	<p style="text-align: center;">Oral Presentations</p> <p style="text-align: right;"><i>L1-S3</i></p>
	<p>Musculoskeletal Ultrasound and Applications in Rehabilitation Prof Henry Lew, Tenured Professor, University of Hawaii School of Medicine, Adjunct Professor, Virginia Commonwealth University School of Medicine</p>	<p>1. A Survey for Nurse's Needs for Care Robots in Integrated Nursing Care Services <i>Ms Lee Jaiyon, Seoul National University Bundang Hospital</i></p> <p>2. Outcomes of Gait Training using a Mobile Robot with Body Weight Support <i>Dr Tay San San, Changi General Hospital</i></p>
	<p>A Clinical Perspective on Rehabilitation Robotics and Technology: Future proofing Rehabilitation Practice Dr Karen Chua, Senior Consultant, Dept of Rehabilitation Medicine, Tan Tock Seng Hospital</p>	<p>3. Ability of Occiput-Wall Distance to Discriminate Severity of Kyphosis as Determined using the Cobb's Method <i>Ms Arpassanan Wiyanad, Khon Kaen University</i></p> <p>4. The Effect of Cognitive Therapy in Improving Cognitive Functions using Neuropsychology and Diffusion Tensor Imaging Measurements Following Mild Traumatic Brain Injury <i>Dr Norhamizan Hamzah, University of Malaya</i></p>
	<p>Low Cost and Wearable Technologies for Assessment and Rehabilitation Dr Ross Clark, School of Health and Sports Sciences, University of the Sunshine Coast</p>	<p>5. Attitudes Towards Sexuality Among Allied Health Professionals in Singapore <i>Ms Toh Jing En, The University of Sydney</i></p>



5th SINGAPORE REHABILITATION CONFERENCE

Integrating Rehabilitation Care: From Hospital to the Community

7 - 8 September 2017 | Academia, SGH Campus

**Electrical Stimulation in Spinal Cord Injuries:
Stimulators for Lung, Continence and Motor
Function**

*A/Prof Peter Lim, Senior Consultant,
Dept of Rehabilitation Medicine,
Singapore General Hospital*

**Brain Computer Interfaces and Applications in
Rehabilitation**

*Prof Guan Cuntai, Professor,
School of Computer Science and Engineering,
Nanyang Technological University*

6. Using of Pilates Exercises for Anterior Cruciate Ligament Injury
Ms Derya Celik, Istanbul University
7. Incidence of Shoulder Strength Asymmetry and its Correlation to Grip Strength, Symptom Duration, Self-Reported Pain and Function in Lateral Epicondylalgia – A Pilot Study
Ms Li Kun Man, Tan Tock Seng Hospital
8. Examining Functional Recovery Among Older Adults with Surgically-Treated Hip Fracture
Mr Lim Ka Keat, Duke-NUS Medical School

End of Day One Programme



5th SINGAPORE REHABILITATION CONFERENCE

Integrating Rehabilitation Care: From Hospital to the Community

7 - 8 September 2017 | Academia, SGH Campus

Day 2 - Friday, 8 September 2017

Time	Programme	
0800	Registration	
0830 – 1000	<p>Track 6: Disability and Rehabilitation in Singapore: The Landscape and National Rehabilitation Initiatives <i>Chaired by: A/Prof Gerald Koh</i></p> <p style="text-align: right;"><i>Auditorium</i></p>	<p>Track 7: Acquired Brain Injury Rehabilitation <i>Chaired by: Dr Bok Chek Wai</i></p> <p style="text-align: right;"><i>L1-S3</i></p>
	<p>Plenary Talk Disability Prevalence, Recovery Trajectories and Comparative Rehabilitation Outcomes in Singapore: What We Know, What We Don't Know and What We Need to Bridge the Knowledge Gap <i>A/Prof Gerald Koh</i> <i>Associate Professor, Saw Swee Hock School of Public Health, National University of Singapore</i></p>	<p>Epidemiology, Definitions and Assessment of Patients with Disorders of Consciousness (DOC) <i>Dr Bok Chek Wai, Senior Consultant and Head, Dept of Rehabilitation Medicine, Singapore General Hospital</i></p>
	<p>Return-to-Work Coordination in Public Hospitals in Singapore <i>Ms Heidi Tan, Senior Principal Occupational Therapist</i> <i>Dept of Occupational Therapy, Tan Tock Seng Hospital</i></p>	<p>DOC: Determinants of Outcomes: Clinical, Neurophysiological, Laboratory and Neuroimaging <i>Dr Effie Chew, Senior Consultant, Dept of Rehabilitation Medicine, National University Hospital</i></p>
	<p>Rehabilitation Research Institute of Singapore – Vision, Mission and Work to Advance Standards of Rehabilitation Care <i>A/Prof Ang Wei Tech, School of Mechanical & Aerospace Engineering, Nanyang Technological University</i></p>	<p>Management of Long Term Sequelae of Patients with DOC <i>Dr Kinjal Doshi, Principal Clinical Psychologist, Dept of Neurology, Singapore General Hospital</i></p>
	<p>Transition Programme for Employment (TPE): Community Based Framework <i>Ms Pauline Koh, Senior Physiotherapist, Transition Programme for Employment, SPD</i></p>	<p>Nursing the Brain Injured Person: Lessons and Insights <i>Ms Grace Yeo, Senior Staff Nurse (Resident Nurse), Dept of Rehabilitation Medicine, Singapore General Hospital</i></p>
	<p>Singapore's National Telerehabilitation Pilot Project and Its Evaluation <i>A/Prof Gerald Koh and Dr Miho Asano, Saw Swee Hock School of Public Health, National University of Singapore</i></p>	<p>Sensory Stimulation for Severe Disorders of Consciousness - The Evidence and Our Experience <i>Ms Gan Hui Hui, Principal Speech Therapist, Dept of Speech Therapy, Singapore General Hospital</i></p>
1000	Break	



5th SINGAPORE REHABILITATION CONFERENCE

Integrating Rehabilitation Care: From Hospital to the Community

7 - 8 September 2017 | Academia, SGH Campus

1030– 1200	Track 8: Geriatric Rehabilitation <i>Chaired by: A/Prof Angelique Chan</i> <i>Auditorium</i>	Track 9: Rehabilitation in Intensive Care Units <i>Chaired by: Dr Geoffrey Samuel</i> <i>L1-S3</i>
	Plenary Talk Disability and Ageing: Trends and Implications <i>A/Prof Angelique Chan</i> <i>Associate Professor / Executive Director,</i> <i>Centre for Ageing Research and Education,</i> <i>Duke-NUS Medical School</i>	Intensivist's Perspective of Rehabilitation in ICU: Rationale and Cultural Change <i>Dr Amartya Mukhopadhyay, Senior Consultant</i> <i>Division of Respiratory and Critical Care Medicine</i> <i>National University Hospital</i>
	Strength, Balance and Flexibility - Getting Seniors to Move with HPB's Fit+ <i>Mr Han Kok Teng, Senior Manager,</i> <i>Regional Health & Community Outreach Division,</i> <i>Health Promotion Board</i>	Rehabilitation Approach to ICU Acquired Weakness <i>Dr Geoffrey Samuel, Dept of Rehabilitation</i> <i>Medicine, Singapore General Hospital</i>
	Gym Tonic: Making Our Seniors Genki! <i>Mr Gabriel Lim</i> <i>Programme Director, Lien Foundation</i>	The Nuts & Bolts of ICU Rehabilitation <i>Asst. Prof Ong Hwee Kuan, Assistant Professor</i> <i>Singapore Institute of Technology,</i> <i>Senior Principal Physiotherapist, Singapore</i> <i>General Hospital</i>
	Do Caregivers Affect Patient Recovery after Stroke? <i>Ms Ong Peck Hoon, PhD Candidate,</i> <i>Saw Swee Hock School of Public Health,</i> <i>National University of Singapore</i>	Role of Occupational Therapy in Critical Care <i>Ms Cassandra Ng, Occupational Therapist,</i> <i>Dept of Occupational Therapy,</i> <i>Singapore General Hospital</i>
	Music Therapy in Rehabilitation for Persons with Dementia <i>Ms Michelle Low, Music Therapist, Music and Creative</i> <i>Therapy Unit, Singapore General Hospital</i> <i>and</i> <i>Ms Ng Wang Feng, Principal Music Therapist,</i> <i>Inpatient Therapy Services,</i> <i>St. Andrew's Community Hospital</i>	Functional Neuromuscular Stimulation in ICU <i>Dr Geetha Kayambu</i> <i>Senior Critical Care Research Physiotherapist,</i> <i>National University Hospital</i>
1200	Lunch and Tour of Exhibition Booths	
1300	Lunch Symposium Intelligent Rehabilitation Solutions and its Clinical Application (Hocoma)	
1330 - 1500	Track 10: Systems of Care in Rehabilitation <i>Chaired by: Prof Michel Landry</i> <i>Auditorium</i>	Track 11: Stroke Rehabilitation <i>Chaired by: Mr Adon Chan</i> <i>L1-S3</i>



5th SINGAPORE REHABILITATION CONFERENCE

Integrating Rehabilitation Care: From Hospital to the Community

7 - 8 September 2017 | Academia, SGH Campus

	<p style="text-align: center;">Plenary Talk</p> <p>Rehabilitation in Austere Environments: Effective Leveraging of Human and Financial Resources <i>Prof Michel Landry, Professor and Chief, Doctor of Physical Therapy Division, Dept of Orthopaedic Surgery, Duke University School of Medicine</i></p>	<p style="text-align: center;">Plenary Talk</p> <p>Does Measuring Spasticity Early Lead to Changes in Patient Outcomes? <i>Prof Anand Pandyan, Professor of Rehabilitation Technology, Keele University</i></p>
	<p>Rehabilitation Nursing: The Quest for Excellence Through Research <i>Dr Lim Su-Fee, Assistant Director of Nursing (Advanced Practice Nurse), Speciality Nursing (Rehabilitation Medicine), Singapore General Hospital</i></p>	<p>Rehabilitation of Stroke with End Stage Renal Failure <i>Dr Shrikant Pande, Senior Consultant, Neurorehabilitation Medicine, Changi General Hospital</i></p>
	<p>Practice Guidelines for Prescribing Powered Mobility Devices <i>Mr Mohamad Nizar Bin Zainal, Council Member, Quality and Standards Committee, Singapore Association of Occupational Therapists</i></p>	<p>Non-Invasive Brain Stimulation in Stroke Rehabilitation: Updates and Applications <i>Dr Lydia Abdul Latif, Head, Dept of Rehabilitation Medicine, University of Malaya Medical Centre,</i></p>
	<p>24 hrs Transitional Rehabilitation Care System in PeaceHaven <i>Mdm Low Mui Lang, Executive Director, The Salvation Army, Peacehaven Nursing Home</i></p>	<p>Aphasia Testing in Singapore: Singapore General Aphasia Test <i>Ms Deirdre Tay, Senior Principal Speech Therapist, Dept of Speech Therapy, Singapore General Hospital</i></p>
	<p>Assistive Technology: Enhancing Independence and Quality of Life <i>Mr Tan Chuan Hoh, Principal Occupational Therapist, Specialised Assistive Technology Centre, SPD</i></p>	
1500	Break	
1530 - 1730	<p style="text-align: center;">Track 12: Spectrum of Neurological Rehabilitation</p> <p style="text-align: center;"><i>Chaired by: Prof Anand Pandyan</i></p> <p style="text-align: right;"><i>Auditorium</i></p>	<p style="text-align: center;">Track 13: Oral Presentations</p> <p style="text-align: right;"><i>L1-S3</i></p>
	<p>Pediatric Neurorehabilitation: Current State and Vision <i>Dr Ng Zhi Min, Consultant, Paediatric Neurology, Dept of Paediatrics KK Women's and Children's Hospital</i></p>	<ol style="list-style-type: none"> 1. Assessment of the Visual Status of Older Adults in a Sub-Acute Rehabilitation Ward <i>Ms Debbie Boey, Tan Tock Seng Hospital</i> 2. Measuring Paediatric Dysphagia Outcomes Post-Acquired Brain Injury <i>Ms Anastasia Kate Fife, KK Women's and</i>



5th SINGAPORE REHABILITATION CONFERENCE

Integrating Rehabilitation Care: From Hospital to the Community

7 - 8 September 2017 | Academia, SGH Campus

<p>Surgery for Spasticity and Movement Disorders <i>A/Prof Aymeric Lim, Senior Consultant, Dept of Hand & Reconstructive Microsurgery, National University Hospital</i></p>	<p><i>Children's Hospital</i></p> <p>3. Nurse-Led Function Focused Care (FFC) Model: Engaging Nurses in Maximising Patient's Mobility to Achieve Therapy Goals in Acute and Sub-Acute Ward Tan Tock Seng Hospital <i>Mr Iqbal Saboor Rahman, Tan Tock Seng Hospital</i></p>
<p>Emerging Infectious Disease and Rehabilitation: A Case Study of the Zika and Ebola Virus <i>Prof Michel Landry, Professor and Chief, Doctor of Physical Therapy Division, Dept of Orthopaedic Surgery, Duke University School of Medicine</i></p>	<p>4. Effectiveness of High-Intensity Training on Improving Physical Outcomes in a Stroke Population: A Systematic Review and Meta-Analysis <i>Ms Mah Shi Min, Sengkang Health</i></p> <p>5. Importance of Lower Limb Support Ability During Stepping in Ambulatory Patients with Spinal Cord Injury <i>Mr Teerawat Nithiatthawanon, Khon Kaen University</i></p>
<p>Effectiveness of Vestibular Rehabilitation in the Management of People with Concussion: A Systematic Review and Meta-Analysis <i>Dr Dawn Tan Senior Principal Physiotherapist Dept of Physiotherapy, Singapore General Hospital</i></p>	<p>6. An Accelerometry and Observational Study to Understand the Upper Limb Activity of Patients During First Four Weeks of Post-Stroke <i>Ms Chin Lay Fong, Tan Tock Seng Hospital</i></p> <p>7. Changes in Static and Dynamic Asymmetry Following Discharge from Inpatient Stroke Rehabilitation and Comparison with Balance and Mobility Outcomes <i>Dr Kelly Bower, University of the Sunshine Coast</i></p>
<p>Cueing Effect of Gait Ability in Parkinson's Disease <i>Prof Areerat Suputtitada, Physiatrist, Chulalongkorn University & King Chulalongkorn Memorial Hospital</i></p>	<p>8. Validating the Use of the Syringe Flow Test to Classify Thickened Fluids for Dysphagia Management <i>Ms Lim Hui Zhen, Singapore General Hospital</i></p>
<p>1730 Prize Presentation and Closing Ceremony</p>	
<p>End of Day Two Programme</p>	