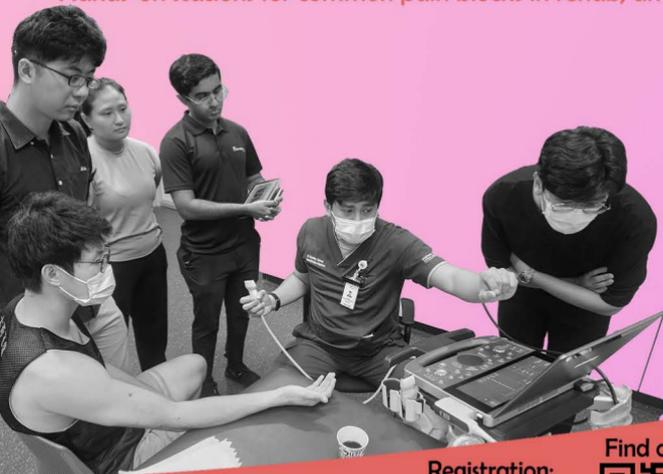




# SRMS Musculoskeletal Ultrasound Course 2025

## Part 3 of a revamped 3-yearly syllabus

- Guest lecture on musculoskeletal ultrasound in the neck; and hands-on demos in neck & back ultrasound (by A/Prof Wu Chueh-Hung, National Taiwan University Hospital)
- Lectures on elastography; injections in adult cerebral palsy; local rehab applications; and medicolegal & developmental aspects of MSK ultrasound in Singapore
- Hands-on stations for common pain blocks in rehab; and ICU/ICU rehab survival skills



Date: Sun 31st Aug 2025  
Time: 9am to 5pm  
Venue: Procedural Skills Lab 2  
Academia, SGH  
Cost: \$250 (members)  
\$350 (non-members)

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Registration:



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## SRMS Musculoskeletal Ultrasound Course 2025

### Theme: Neck, Back, & Special Topics

Time	Item	Participants
8am	Set-up and registration  <i>Concurrent coffee/snacks available at 8.30am</i>	Faculty
9am	Opening Brief	All
9.05am	Lecture: History of MSK/Rehab Ultrasound in Singapore (Dr Geoffrey Sithamparapillai Samuel)	All
9.20am	Guest lecture by A/Prof Wu Chueh-Hung, National Taiwan University College of Medicine: Musculoskeletal ultrasound in the neck	All
10am	Guest demonstration and hands-on scanning by A/Prof Wu Chueh-Hung, National Taiwan University College of Medicine: Neck anatomy and intervention targets	All
11.30am	Lunch	All
12pm	Guest demonstration & hands-on scanning by A/Prof Wu Chueh-Hung: Musculoskeletal ultrasound in back pain	All
1.30pm	Lecture & patient interaction: Considerations for injecting the adult CP patient (Dr Dominic Chen)	All
2pm	Lecture: Applications of elastography in MSK ultrasound (Dr Wee Tze Chao)	All
2.20pm	Lecture: Other applications of Rehab Ultrasound in Singapore (Dr Geoffrey Sithamparapillai Samuel)	All
2.40pm	Lecture: Medicolegal and developmental aspects of Rehab Ultrasound (A/Prof Kong Keng He)	All
3pm	Rotations (1hr each) <ul style="list-style-type: none"> <li>- Common pain blocks in rehabilitation (Dr Tan Yeow Leng + Dr Moses Koh)</li> <li>- Ultrasound survival skills for ICU Rehab (Dr Geoffrey Sithamparapillai Samuel + Dr Juliana Kan)</li> </ul> <i>Concurrent tea/snacks available at 3pm</i>	All
5pm	End of course	All
5.30pm	Clean up & debrief	Faculty

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## Speaker Bios

	<p><b>A/Prof Wu Chueh-Hung</b> <b>Guest Lecturer/Guest Demonstrator</b> Associate Professor, National Taiwan University Director, Department of Physical Medicine and Rehabilitation, National Taiwan University Hospital Hsin-Chu Branch Director, Musculoskeletal Ultrasound Center, National Taiwan University Hospital Secretary-general, Taiwan Society of Neuromusculoskeletal Ultrasound</p> <p>Dr. Chueh-Hung Wu received his medical degree in 2005 and specialized in Physical Medicine and Rehabilitation by 2010. In 2020, he achieved a PhD in Biomedical Engineering. He currently serves as the Director of the Department of Physical Medicine and Rehabilitation at the National Taiwan University Hospital Hsin-Chu Branch, the Director of the Musculoskeletal Ultrasound Center at the National Taiwan University Hospital, and an associate professor at the College of Medicine, National Taiwan University. His scholarly contributions encompass over 100 peer-reviewed articles in SCI-indexed journals, including notable publications in <i>Radiology</i>, <i>Ultrasonics Sonochemistry</i>, and <i>Advanced Science</i>. Dr. Wu is an author and editor of 13 textbooks on musculoskeletal ultrasound and rehabilitation medicine. He actively educates on diagnostic and interventional musculoskeletal ultrasound and is a sought-after speaker at prestigious international conferences and workshops, including WFUMB, AFSUMB, ISPRM, AOCPRM, ISPRMDC, IEEE-UFFC-JS, AOCNR, ICCNU, ASAUT, KARM, JSOU, JSSF, EURO-MUSCULUS, and WORLD-MUSCULUS. Dr. Wu's research interests include sonoelastography, deep learning applications in musculoskeletal ultrasound, thermoresponsive hydrogels in regenerative medicine, and the mechanical effects on glymphatic systems.</p>
	<p><b>A/Prof Kong Keng He</b> <b>Senior Faculty</b> Senior Consultant, Rehabilitation Medicine, Tan Tock Seng Hospital Adjunct Associate Professor, Yong Loo Lin School of Medicine, National University of Singapore Associate Professor (Clinical Practice), Lee Kong Chian School of Medicine, Nanyang Technological University Director, Institute of Rehabilitation Excellence, Tan Tock Seng Hospital</p> <p>Academic qualifications:</p> <ul style="list-style-type: none"><li>• MBBS(Singapore), National University of Singapore, 1986</li><li>• Member, Royal College of Physicians (UK), 1991</li><li>• Master of Medicine (Internal Medicine), National University of Singapore, 1991</li><li>• Post-Doctoral Fellowship (Rehabilitation Medicine), Baylor College of Medicine, Houston Texas, USA, 1995</li><li>• Certified Acupuncturist, Traditional Chinese Medicine (TCM) Board, Ministry of Health, Singapore, May 2001</li></ul>

	<p>Research interests: Stroke and Neurological Rehabilitation, Spasticity Management, Motor Point Blocks, Nerve Blocks, Botulinum Toxin Injections, Medical Acupuncture</p>
	<p><b>Dr Geoffrey Sithamparapillai Samuel</b>  <b>Senior Faculty</b>  Head &amp; Senior Consultant, Rehabilitation Medicine, Singapore General Hospital</p> <p>Dr Geoffrey Samuel is a Senior Consultant with the Department of Rehabilitation Medicine at the Singapore General Hospital. He is also the head of department since Jan 2022. He trained in musculoskeletal rehabilitation at the National Taiwan University Hospital in Taipei in 2015.</p>
	<p><b>Dr Tan Yeow Leng</b>  <b>Senior Faculty</b>  Senior Consultant, Rehabilitation Medicine, Singapore General Hospital</p> <p>Ultrasound practitioner since 2019. SGH acupuncturist. Area of focus: MSK ultrasound.</p>
	<p><b>Clin Asst Prof Wee Tze Chao</b>  <b>Senior Faculty</b>  Senior Consultant, Rehabilitation Medicine, Changi General Hospital</p> <p>Dr Wee is a Senior Consultant with the Department of Rehabilitation Medicine at Changi General Hospital (CGH). His areas of interests include musculoskeletal rehabilitation, chronic pain and neuromusculoskeletal ultrasound.</p>
	<p><b>Dr Chen Enhan, Dominic</b>  <b>Senior Faculty</b>  Head &amp; Consultant, Rehabilitation Medicine, Sengkang General Hospital</p> <p>Dr Dominic Chen graduated with MBBS from NUS in 2010 and obtained Membership of Royal College of Physicians United Kingdom in 2013 and completed the NUH Internal Medicine Residency in 2015. He subsequently completed the SingHealth Rehabilitation Medicine Senior Residency in 2019 and was accredited as a Rehabilitation Medicine Specialist in Singapore in the same year. He was subsequently appointed a Consultant in Rehabilitation Medicine in Sengkang General Hospital. He does both inpatient ward rounds under the Rehabilitation Medicine and General Medicine Services, inpatient and ICU consultations for Rehabilitation Medicine and runs Rehabilitation Medicine clinics in SKH.</p>



**Dr Kan Yin Li Juliana**

**Senior Faculty**

Consultant, Internal Medicine, Singapore General Hospital

Dr Juliana Kan is a Consultant in the Department of Internal Medicine (IM) at Singapore General Hospital. She is a strong proponent of the practice of point-of-care ultrasound (POCUS) in IM, and has undergone extensive training including a 1-year IM POCUS fellowship with the University of British Columbia, Registered Diagnostic Medical Sonographer (RDMS) certifications in Adult Echocardiography and Abdomen, and the certificate of completion in POCUS by CHEST / Society of Hospital Medicine. She runs the IM POCUS service in her department, and develops POCUS training standards and materials for AIM faculty and senior residents. She is also involved in POCUS education in the Duke-NUS School of Medicine.



**Dr Moses Koh Minghe**

**Senior Faculty & Course Co-ordinator**

Consultant, Rehabilitation Medicine, Sengkang General Hospital

Dr Moses Koh is a Consultant in Rehabilitation Medicine in Sengkang General Hospital. He underwent his specialist training in rehabilitation medicine in SingHealth Residency from July 2017 to June 2020.



**Dr Alfred Seng Wai Ping**

**Junior Faculty**

Consultant, Rehabilitation Medicine, Tan Tock Seng Hospital

Dr Seng graduated from the Yong Loo Lin School of Medicine, National University of Singapore in 2012 and became a member of the Royal College of Physicians in 2017. He completed his junior residency in National Healthcare Group (NHG) Internal Medicine in 2019 and went on to complete Rehabilitation Medicine Senior Residency in NHG in 2022.



**Dr Huang Youyi**

**Junior Faculty**

Associate Consultant, Rehabilitation Medicine, Sengkang General Hospital

Dr Huang is a newly minted member of the Rehabilitation Medicine fraternity in Singapore. He practises general rehabilitation medicine with special interests in musculoskeletal sciences, pain and complementary alternative medicine.



**Dr Loh Kee Jin**

**Junior Faculty & Course Co-ordinator**

Associate Consultant, Rehabilitation Medicine, Changi General Hospital

Dr Loh is an Associate Consultant in the Department of Rehabilitation Medicine at Changi General Hospital. He completed his specialist training in Rehabilitation Medicine under SingHealth from July 2021 to July 2024. Dr. Loh adopts a holistic approach to general rehabilitation, with a special interest in musculoskeletal rehabilitation.



**Dr Llewelyn Tan Yi Chang**

**Junior Faculty & Course Co-ordinator**

Associate Consultant, Rehabilitation Medicine, Tan Tock Seng Hospital

Dr Tan is a newly minted associate consultant in Rehabilitation Medicine in Tan Tock Seng Hospital. He practices general Rehabilitation Medicine with a special interest in musculoskeletal ultrasound and rehabilitation.