23rd Advanced Neuroradiology Course & 8th Interventional Neuroradiology Workshop

15-18 October 2025



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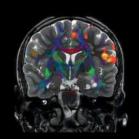
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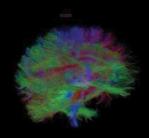
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State-of-the-art DTI fibre tracking with 256 directions, b3000 with Deep Resolve, iPAT & SMS







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WELCOME NOTE



Clin. Asst. Prof Kee Tze Phei

Course Director | 23rd Advanced Neuroradiology Course & 8th Interventional Neuroradiology Workshop Director of Joint Neurovascular Service Co-Director of Endovascular Centre Consultant | Department of Neuroradiology National Neuroscience Institute Singapore

On behalf of the National Neuroscience Institute (NNI), Singapore, it is my great pleasure to announce the upcoming 23rd Advanced Neuroradiology Course (ANRC) & 8th Interventional Neuroradiology (INR) Workshop, to be held from October 15th to 18th, 2025, at our NNI-TTSH campus (Theatrette). This year's course will be an in-person event, providing a unique platform for direct interaction and professional exchange between participants and distinguished faculty from both local and international backgrounds.

The first two days of the course will be dedicated to Neuroimaging, encompassing both foundational understanding and in-depth knowledge. Highlights include cranial nerve and tumour imaging, dementia and the glymphatic system, head and neck imaging, neurovascular imaging, and the transformative role of AI.

Following this, the focus will shift to our Interventional Neuroradiology Workshop, featuring the latest advances in treating neurovascular disorders such as aneurysms, ischemic stroke, dural AVFs, and carotid blowouts. Engaging case-based discussions and a hands-on session will offer participants a valuable opportunity to explore key endovascular concepts and techniques.

We are also pleased to introduce the newly renamed Diagnostic Neuroradiology Workshop—formerly the Radiology Resident Review—designed to equip residents and early-career clinicians across Radiology, Neurology and Neurosurgery with critical insights into Neuroimaging and Head & Neck imaging.

We hope this thoughtfully curated programme will inspire, educate, and connect professionals across disciplines. We look forward to welcoming you to this enriching and stimulating educational event.





ORGANISING COMMITTEE

Course Director: Dr Kee Tze Phei

Course Manager: Ms Ho Jia Lei

Committee Members: Dr Yu Wai-Yung

Dr Wickly Lee

Dr Shaun Previn

Ms Haslindah Bte Salim

Ms Cheng Qianhui

Mr Louis Thian

Ms Joyce Lian

Mr Lin Jian Zhou

Ms Chong Pau Khee

Ms Rasyiqah Binte Taha

SECRETARIAT



sg.anrc@iameetings.sg





EXPLORE SINGAPORE

Welcome to Singapore, a dynamic blend of cultures and innovation, as well as the host city for the 23rd Advanced Neuroradiology Course (ANRC), 8th Interventional Neuroradiology (INR) Workshop & 1st Diagnostic Neuroradiology Workshop.

This modern city-state is celebrated for its vibrant diversity, effortlessly merging heritage with cutting-edge advancements. Stroll through lush havens such as Gardens by the Bay and the Singapore Botanic Gardens, savor a kaleidoscope of flavors ranging from lively hawker centers to refined fine dining establishments, and marvel at the harmonious juxtaposition of futuristic architecture and historic districts. Revered for its safety and efficiency, Singapore is more than a destination—it's the gateway to Southeast Asia.

As you attend this conference from 15 - 18 October 2025 at the NNI (TTSH campus), we encourage you to immerse yourself in all that Singapore has to offer. We're thrilled to welcome you to our city and aim to make your experience truly unforgettable.



PLACES TO VISIT



Gardens by the Bay

Gardens by the Bay is a spectacular urban oasis in Singapore, renowned for its innovative design and lush greenery. The iconic Supertrees, with their towering structures and vibrant lights, provide a striking contrast to the serene beauty of the Cloud Forest and Flower Dome. This garden marvel not only showcases diverse plant species but also offers tranquil spaces and educational exhibits, making it a unique and enriching experience for visitors.



Changi Airport

Changi Airport is more than just a transit hub—it's a destination in itself! Renowned as one of the world's best airports, it offers an unparalleled travel experience. From the enchanting Butterfly Garden to the aweinspiring Rain Vortex at Jewel Changi, every corner is designed to captivate. Travelers can indulge in world-class dining, shop at luxury boutiques, or relax in serene gardens. Whether you're arriving, departing, or simply exploring, Changi Airport promises a journey filled with wonder and comfort.



Sentosa Island

Sentosa Island is a treasure trove of excitement and relaxation, offering something for everyone. From the adrenaline-pumping rides at Universal Studios Singapore to the serene shores of Siloso, Palawan, and Tanjong Beaches, this island is a perfect getaway. Dive into marine wonders at S.E.A. Aquarium, experience the thrill of indoor skydiving at iFly Singapore, or take in breathtaking views from the SkyHelix Sentosa. Whether you're ziplining through lush greenery or enjoying a tranquil sunset by the beach, Sentosa promises unforgettable memories.



PLACES TO VISIT



SINGAPORE ZOO

Singapore Zoo is a renowned wildlife park that offers an immersive experience in naturalistic habitats. Home to over 300 animal species, the zoo features open, spacious enclosures designed to mimic the animals' natural environments. Highlights include interactive exhibits, animal shows, and opportunities for close encounters, making it a top destination for wildlife enthusiasts and families alike.



Clarke Quay

Clarke Quay is where history meets vibrant nightlife along the scenic Singapore River. Once a bustling hub for trade, it has transformed into a lively destination filled with riverside restaurants, bars, and entertainment spots. Take a leisurely stroll along the quay, enjoy a scenic Singapore River Cruise, or dive into the energy of its nightlife at iconic spots like Zouk. Whether you're seeking a relaxing evening by the water or an exciting night out, Clarke Quay offers an unforgettable experience.

23rd Advanced Neuroradiology Course, Day 1 Venue: TTSH Theatrette, Level 1 at TTSH Building near Lobby H [11 Jalan Tan Tock Seng, Singapore 308433]

Wednesday, 15 October 2025



PROGRAMME

Time	Particulars	Speaker
08:00	Registration	•
08:30	Welcome address & Opening Ceremony	Dr Kee Tze Phei
	Scientific Session 1: Cranial Nerves Imaging and Pathology	
	Chairperson: Dr Yu Wai-Yung	
08:40	CN I-II: Olfactory and optic nerves	Dr Melissa Lee
09:00	CN III-IV: Oculomotor, trochlear, trigeminal and abducens nerves	Dr Tan How Ming
09:20	CN VII and VIII: Facial and vestibulocochlear nerves	Dr Bela Purohit
09:40	CN IX-XII: Lower cranial nerves	Dr May Lim Yi Shan
10:00	Tea Break	
	Scientific Session 2: Tumour	
	Chairperson: Dr Chng Soke Miang	
10:30	Brain tumour WHO classification and updates	Prof Chan Ling Ling
11:00	Paediatric Gliomas	A/Prof Tang Phua Hwee
11:30	Imaging of brain tumours - What does the surgeon want to know?	Dr Justin Ker
11:50	Imaging of brain tumours - What does the oncologist want to know?	Dr Lin Xuling
12:10	Lunch symposium sponsored by GE Healthcare	
	Scientific Session 3: Advanced Imaging	
	Chairpersons: Prof Tchoyoson Lim & Dr Ivan Ho	
13:00	The role of contrast clearance analysis in differentiating radiation	Dr Clement Yong
	The role of contrast clearance analysis in differentiating radiation necrosis vs tumour recurrence	Ŭ
	The role of contrast clearance analysis in differentiating radiation	Dr Clement Yong Dr Alexandre Boutet
13:20	The role of contrast clearance analysis in differentiating radiation necrosis vs tumour recurrence DBS and MR-guided focused ultrasound: the essentials and future	, and the second
13:00 13:20 13:40 14:00	The role of contrast clearance analysis in differentiating radiation necrosis vs tumour recurrence DBS and MR-guided focused ultrasound: the essentials and future directions	Dr Alexandre Boutet
13:20 13:40	The role of contrast clearance analysis in differentiating radiation necrosis vs tumour recurrence DBS and MR-guided focused ultrasound: the essentials and future directions Clinical applications of DTI and functional imaging	Dr Alexandre Boutet Dr Wan Kai Rui
13:20 13:40 14:00	The role of contrast clearance analysis in differentiating radiation necrosis vs tumour recurrence DBS and MR-guided focused ultrasound: the essentials and future directions Clinical applications of DTI and functional imaging Clinical applications of black bone imaging	Dr Alexandre Boutet Dr Wan Kai Rui Dr Low Xi Zhen
13:20 13:40 14:00 14:20	The role of contrast clearance analysis in differentiating radiation necrosis vs tumour recurrence DBS and MR-guided focused ultrasound: the essentials and future directions Clinical applications of DTI and functional imaging Clinical applications of black bone imaging The role of AI in Neuroimaging	Dr Alexandre Boutet Dr Wan Kai Rui Dr Low Xi Zhen
13:20 13:40 14:00 14:20	The role of contrast clearance analysis in differentiating radiation necrosis vs tumour recurrence DBS and MR-guided focused ultrasound: the essentials and future directions Clinical applications of DTI and functional imaging Clinical applications of black bone imaging The role of AI in Neuroimaging Tea Break	Dr Alexandre Boutet Dr Wan Kai Rui Dr Low Xi Zhen
13:20 13:40 14:00 14:20	The role of contrast clearance analysis in differentiating radiation necrosis vs tumour recurrence DBS and MR-guided focused ultrasound: the essentials and future directions Clinical applications of DTI and functional imaging Clinical applications of black bone imaging The role of AI in Neuroimaging Tea Break Scientific Session 4: Head and Neck	Dr Alexandre Boutet Dr Wan Kai Rui Dr Low Xi Zhen
13:20 13:40 14:00 14:20 14:40 15:00	The role of contrast clearance analysis in differentiating radiation necrosis vs tumour recurrence DBS and MR-guided focused ultrasound: the essentials and future directions Clinical applications of DTI and functional imaging Clinical applications of black bone imaging The role of AI in Neuroimaging Tea Break Scientific Session 4: Head and Neck Chairperson: Dr Shaun Previn	Dr Alexandre Boutet Dr Wan Kai Rui Dr Low Xi Zhen Prof Chan Ling Ling
13:20 13:40 14:00 14:20 14:40	The role of contrast clearance analysis in differentiating radiation necrosis vs tumour recurrence DBS and MR-guided focused ultrasound: the essentials and future directions Clinical applications of DTI and functional imaging Clinical applications of black bone imaging The role of AI in Neuroimaging Tea Break Scientific Session 4: Head and Neck Chairperson: Dr Shaun Previn Radiological approach to deep neck spaces	Dr Alexandre Boutet Dr Wan Kai Rui Dr Low Xi Zhen Prof Chan Ling Ling Dr Lishya Liauw
13:20 13:40 14:00 14:20 14:40 15:00 15:30	The role of contrast clearance analysis in differentiating radiation necrosis vs tumour recurrence DBS and MR-guided focused ultrasound: the essentials and future directions Clinical applications of DTI and functional imaging Clinical applications of black bone imaging The role of AI in Neuroimaging Tea Break Scientific Session 4: Head and Neck Chairperson: Dr Shaun Previn Radiological approach to deep neck spaces AJCC staging updates on Nasopharyngeal Carcinoma (NPC) Updates to extranodal extension for treatment planning and staging of	Dr Alexandre Boutet Dr Wan Kai Rui Dr Low Xi Zhen Prof Chan Ling Ling Dr Lishya Liauw Prof Ann King

^{*}Programme is subject to change.



23rd Advanced Neuroradiology Course, Day 2

[11 Jalan Tan Tock Seng, Singapore 308433]





Dr Steve Wong

Dr Kee Tze Phei

Particulars Time Speaker Scientific Session 1: Dementia and the Glymphatic System Chairpersons: A/Prof Sitoh Yih Yian & Dr Sumeet Kumar 08:30 Dementia patterns and clinical manifestations A/Prof Adeline Ng 08:50 Rapidly progressing dementia – what do we look out for? A/Prof Sitoh Yih Yian 09:10 Amyloid-related imaging abnormalities (ARIA) and monitoring of anti-Dr Sumeet Kumar amyloid immunotherapy Glymphatics and neurodegeneration Dr Robert Chen 09:30 Glymphatics and idiopathic intracranial hypertension 09:50 Dr Kee Tze Phei 10:10 Glymphatics and shunting lesions **Prof Timo Krings** 10:30 Tea Break Scientific Session 2: Neurovascular anatomy Chairpersons: Dr Wickly Lee & Dr Saravana Kumar Swaminathan 10:50 Neurovascular anatomy - cranial arterial system Prof Anchalee Churojana 11:20 Neurovascular anatomy - cranial venous system Prof Anchalee Churojana 11:50 Neurovascular anatomy - spinal vascular system **Prof Timo Krings** 12:20 Interactive quiz on neurovascular anatomy Dr Saravana Kumar Swaminathan 12:40 Lunch Scientific Session 3: Neurovascular Imaging Part 1 Chairperson: Dr Chng Soke Miang Carotid doppler ultrasound study - carotid web, dissection, mobile Dr Carol Tham 13:30 thrombus, ECAD (plaque status) 13:50 Cranio-cervical dissection - imaging findings and pitfalls Dr Steve Wong Aneurysm imaging - the role of vessel wall imaging 14:10 Dr David Wen 14:30 AVM imaging - the role of vessel wall imaging Prof Timo Krings 14:50 Tea Break Scientific Session 4: Neurovascular Imaging Part 2 Chairpersons: Dr Kee Tze Phei & Dr Joanna Pearly Ti Cerebrovenous thrombosis – imaging findings and pitfalls 15:10 Dr Kee Tze Phei DVA's – the good, the bad and the ugly 15:30 **Prof Timo Krings** 15:50 Suspected carotid blow-out - imaging tips and tricks Dr Joanna Pearly Ti 16:10 RAPID: benefits, pitfalls, and what's next Prof Shinichi Yoshimura

Closing Address

End of ANRC Day 2

Post EVT (thrombectomy) imaging – pearls and pitfalls

16:30

16:50

17:00

^{*}Programme is subject to change.



8th Interventional Neuroradiology Workshop, Day 1
Venue: TTSH Theatrette, Level 1 at TTSH Building near Lobby H
[11 Jalan Tan Tock Seng, Singapore 308433]

Friday, 17 October 2025



Time	Particulars	Speaker
08:00	Registration	
08:20	Welcome address	Dr Wickly Lee &
		Dr Kee Tze Phei
	Scientific Session 1: Neurovascular Treatment Concepts, Strategie	s and Advancement Part 1
	Chairpersons: Dr Kee Tze Phei & Dr Julian Han	
08:30	DAVF with pial arterial supply – imaging characteristics and treatment strategies	Prof Timo Krings
09:00	Parasagittal and SSS DAVF – imaging characteristics and treatment strategies	Dr Kee Tze Phei
09:30	Anterior cranial fossa / ethmoidal DAVF – Endovascular vs Surgical treatment	Dr Julian Han
10:00	Tea Break	
	Scientific Session 2: Neurovascular Treatment Concepts, Strategie	s and Advancement Part 2
	Scientific Session 2: Neurovascular Treatment Concepts, Strategie Chairpersons: Dr Joanna Pearly Ti & Dr Kee Tze Phei	s and Advancement Part 2
10:30		s and Advancement Part 2 Prof Shinichi Yoshimura
10:30 11:00	Chairpersons: Dr Joanna Pearly Ti & Dr Kee Tze Phei	
	Chairpersons: Dr Joanna Pearly Ti & Dr Kee Tze Phei How to Treat MeVO? - Insights from 3 recent failed RCTs ICAD stenting and angioplasty - case selection and technical	Prof Shinichi Yoshimura
11:00	Chairpersons: Dr Joanna Pearly Ti & Dr Kee Tze Phei How to Treat MeVO? - Insights from 3 recent failed RCTs ICAD stenting and angioplasty - case selection and technical considerations Endovascular treatment of cerebral venous thrombosis - indications and	Prof Shinichi Yoshimura Prof Timo Krings
11:00 11:30	Chairpersons: Dr Joanna Pearly Ti & Dr Kee Tze Phei How to Treat MeVO? - Insights from 3 recent failed RCTs ICAD stenting and angioplasty - case selection and technical considerations Endovascular treatment of cerebral venous thrombosis - indications and treatment strategies	Prof Shinichi Yoshimura Prof Timo Krings A/Prof Anil Gopinathan
11:00 11:30 12:00	Chairpersons: Dr Joanna Pearly Ti & Dr Kee Tze Phei How to Treat MeVO? - Insights from 3 recent failed RCTs ICAD stenting and angioplasty - case selection and technical considerations Endovascular treatment of cerebral venous thrombosis - indications and treatment strategies Carotid blowout - deconstructive vs reconstructive treatment	Prof Shinichi Yoshimura Prof Timo Krings A/Prof Anil Gopinathan
11:00 11:30 12:00	Chairpersons: Dr Joanna Pearly Ti & Dr Kee Tze Phei How to Treat MeVO? - Insights from 3 recent failed RCTs ICAD stenting and angioplasty - case selection and technical considerations Endovascular treatment of cerebral venous thrombosis - indications and treatment strategies Carotid blowout - deconstructive vs reconstructive treatment Lunch sponsored by Balt	Prof Shinichi Yoshimura Prof Timo Krings A/Prof Anil Gopinathan

^{*}Programme is subject to change.



8th Interventional Neuroradiology Workshop, Day 2
Venue: TTSH Theatrette, Level 1 at TTSH Building near Lobby H
[11 Jalan Tan Tock Seng, Singapore 308433]

Saturday, 18 October 2025



Time	Particulars	Speaker
	Scientific Session 1: Challenging Aneurysm Treatment and Salvage	Maneuvers Part 1
	Chairperson: Dr Wickly Lee	
08:30	Giant ICA aneurysm – treatment strategies and challenges	Prof Jeong Hae Woong
09:00	Blister aneurysm – treatment strategies and challenges	A/Prof Anil Gopinathan
09:30	Flow diverter: Latest experience & evidence	Prof Jeong Hae Woong
10:00	Breakfast Symposium sponsored by WallabyPhenox	
	Scientific Session 2: Challenging Aneurysm Treatment and Salvage	e Maneuvers Part 2
	Chairpersons: Dr Saravana Kumar Swaminathan & Dr Julian Han	
11:00	Intra-saccular aneurysm flow-diversion – case selection and challenges	Dr David Wen
11:30	Challenging aneurysm coiling and salvage manoeuvres	Dr Chia Ghim Song
12:00	Interesting case discussions	All panelists
12:30	Closing Address	Dr Wickly Lee &
		Dr Kee Tze Phei
13:00	End of INR Workshop Day 2	
*Program	me is subject to change.	



1st Diagnostic Neuroradiology Workshop

Venue: CHI E-Lab L7-005 & L7-006, Level 7
[18 Jalan Tan Tock Seng, Singapore 308443]

Saturday, 18 October 2025



This is a fully interactive session.

The content will be targeted at what the young residents and trainees of Radiology / Neurology / Neurosurgery need to know for our day-to-day clinical practice and for the post-graduate examinations. There will be a wide case range, encompassing common abnormalities found on CT and MR studies of the head, neck and spine, to the more challenging cases and advanced imaging.

Come join us to learn more.

Time	Particulars
	Chairpersons: Dr Yu Wai-Yung, Dr Shaun Previn, Dr Khoo Hau Wei, Dr Liu Ren Wei & Dr Goh Shu Wen
08:30	Registration
08:50	Welcome address
09:00	Session 1: Neurodegenerative, Orbital Imaging & Spine Part 1
10:30	Tea Break
11:00	Session 2: Head & Neck Spaces
12:30	Lunch
13:30	Session 3: Neurodegenerative, Orbital Imaging & Spine Part 2
15:00	Closing address

^{*}Programme is subject to change.





VENUES

23rd Advanced Neuroradiology Course

Date:	15 - 16 October 2025
Venue:	TTSH Theatrette, Level 1, TTSH Building near Lobby H,
	11 Jalan Tan Tock Seng, Singapore 308433

8th Interventional Neuroradiology Workshop

Date:	17 - 18 October 2025
Venue:	TTSH Theatrette, Level 1, TTSH Building near Lobby H,
	11 Jalan Tan Tock Seng, Singapore 308433

1st Diagnostic Neuroradiology Workshop

Date:	18 October 2025
Venue:	CHI E-Lab L7-005 & L7-006, Level 7,
	Ng Teng Fong Centre for Healthcare Innovation (CHI)
	18 Jalan Tan Tock Seng, Singapore 308443

SUPPORTING HOTEL

Go to www.oasiahotels.com to visit Oasia Hotel Novena website.

Special rates with Oasia Hotel Novena for event delegates starting at SGD200++ for a deluxe room with breakfast.

Email Christine Lee (christinelcs@fareast.com) for enquiries and reservations.

^{*}Room and rates are subject to availability, 10% service charge and prevailing taxes.





FACULTY



Prof Anchalee Churojana

Senior Consultant
Siriraj Center of Interventional Radiology
Siriraj Hospital, Mahidol University
Thailand

Prof Anchalee Churojana is a Senior Consultant at the Siriraj Center of Interventional Radiology, Siriraj Hospital, Mahidol University, Bangkok, Thailand. She was the Head of the Radiology Department in Siriraj Hospital and

Chief of the Siriraj Center of Interventional Radiology. She was also the past president for the Association of Thai Interventional Neuroradiology and Royal College of Radiology of Thailand.

Her most notable recent contribution was the signing of a memorandum of understanding (MOU) between the Siriraj Hospital, Thailand and the National Neuroscience Institute (NNI), Singapore to enhance the standard of neurointervention care in both countries on 1 August 2023. The MOU formalises long-standing ties between the two institutions and focuses on deepening collaborations on education, research and the sharing of best practices in the field of neurointervention. It has been a longer-term aspiration of hers to establish a joint international fellowship programme with rotations at Siriraj Hospital and NNI, so trainees from Southeast Asia can learn from both centers and gain broad experience from the different patient profiles.

Prof Anchalee has at least 35 publications and her research interests include interventional radiology, neuroscience, and neurology.







Prof Ann D. King

Department of Imaging & Interventional Radiology Prince of Wales Hospital Chinese University of Hong Kong Hong Kong

Prof Ann King is a Professor of Radiology and Honorary Consultant in the Department of Imaging and interventional radiology, Prince of Wales Hospital,

The Chinese University of Hong Kong (CUHK). She possesses the qualifications of MBChB, FRCR & FRCP (UK), FHKCR & FHKAM (HK) and received her Doctorate (MD) on MRI of nasopharyngeal carcinoma in 2008.

She is a Head & Neck radiologist with nearly 30 years of research experience in MRI of Head & Neck cancer, including nasopharyngeal cancer (NPC). She has published numerous papers on MRI of NPC and is currently working on MRI detection of early-stage NPC in EBV screening programs. She also has published research in other Head & Neck cancers, functional MRI techniques, including DWI, DCE, MRS, CEST and T1rho, the posttreatment neck and applications of Al/radiomics. She has obtained competitive grants, published book chapters, over 240 peer-reviewed papers (H-index 53, top 2% of scientists), including articles in the New England Journal of Medicine, Annals of Oncology, Radiology, European Radiology and American Journal of Neuroradiology. She has been a member of international consensus working groups and scientific committees and has delivered numerous international lectures. Relevant to the lectures at 23rd ANRC and 8th INR workshop, 2025, she is a member of the American Joint Committee (AJCC) expert panel on staging nasopharyngeal cancer (9th version) 2024; Member of imaging extranodal extension international joint task force to create educational materials and promote a uniform grading and interpretation.2024-2025; Member of the Head and Neck Cancer International working Group (HNCIG) on consensus on definition and grading of radiologic extranodal extension (ENE) in head and neck cancer 2023; Member of the expert panel charged with developing a joint Chinese Society for Therapeutic Radiology Oncology (CSTRO), CACA, CSCO, and American Society for Therapeutic Radiology Oncology (ASTRO) guideline on the delineation of radiotherapy target volume for NPC 2024-2025.

She has many years of experience teaching and training. She has a long career serving on university committees and for 20 years has developed and coordinated the medical student radiology teaching program which spans the curriculum. She has also been an active member of the Hong Kong College of Radiologists for over 15 years, during the establishment of the Hong Kong radiology training program, serving on the education committee, accreditation subcommittee and as an examiner for the Hong Kong College and Royal College of Radiologists.

Recent Awards:

- Nominated for the ESHNR Gold Medal, September 2025
- · Nominated for Honorary Membership Distinction, European Society of Radiology, March 2026
- Distinguished Contribution Award, Hong Kong College of Radiologists, November 2024
- Faculty Education Award, Director of the Radiology team for radiology teaching across the curriculum, 2024





Prof Jeong Hae Woong

Chief, Section of Neuroimaging and Neurointervention, Department of Radiology Director, Intervention Center
Busan Paik Hospital, College of Medicine, Inje University
Korea

Prof Jeong Hae Woong is the Section Director of Neuroimaging and Neurointervention Section in Busan Paik Hospital, Director of Intervention Center in Busan Paik Hospital, and Professor of Radiology in Inje University. He

was recently appointed the Director of Neurointervention in Korean Stroke Society and serves as Vice President of Korean Society of Interventional Neuroradiology. As a leader in his field, Prof. Jeong is actively engaged in research and has authored over 130 peer-reviewed publications. He is also a distinguished speaker, having delivered multiple lectures in neurointervention at both regional and international meetings.



Prof Shinichi Yoshimura

Chairman
Department of Neurosurgery
Hyogo Medical University
Japan

Professor Shinichi Yoshimura is currently the Chairman of the Department of Neurosurgery at Hyogo Medical University, Japan. He graduated from Gifu University School of Medicine and is a neurosurgeon with a strong passion for

both open and endovascular surgeries. His main clinical and research interests lie in the treatment of cerebrovascular diseases.

Among his many accomplishments, he has successfully led several clinical trials, including the RESCUE-Japan LIMIT study. As one of the top leaders in this field in Japan, he has received numerous awards from related academic societies in recognition of his contributions.





Prof Timo Krings

Chair, Division of Neurointerventional Radiology
Director, Neurovascular Center, Lahey Clinic and Beth Israel Lahey Health
University of Massachusetts, Boston
United States of America

Prof Krings is a leading expert in neuro- imaging and intervention, with special focus on neurovascular diseases such as aneurysms, vascular malformations, stroke and epilepsy imaging. He has published over 500 peer-reviewed articles,

approximately 30 book chapters, and 4 books on topics including spinal, paediatric, and interventional neuroradiology. His current research aims to predict brain bleeding from vascular malformations, develop novel treatment methods, and evaluate treatment effectiveness to improve healthcare outcomes. Prof Krings has great passion in teaching. He has trained many diagnostic and interventional fellows over the years, being the core faculty of PLANET course, and organizer of Interventional Neuroradiology Symposium and Canadian Neuroradiology Course.



Dr Alexandre Boutet

Neuroradiologist
Department of Medical Imaging
University of Toronto
Canada

Dr Alexandre Boutet is a Neuroradiologist from the Joint Department of Medical Imaging, University of Toronto and a Clinician Investigator at the Krembil Research Institute, University Health Network, Toronto, Ontario, Canada. He

completed his medical school at McGill University and developed his passion for neuroscience at the Montreal Neurological Institute. He pursued a residency in radiology and a PhD in brain modulation at the University of Toronto. His main interest is to use neuroimaging to improve patient care.

He has published over 125 peer-reviewed papers, many in top tier journals such as Nature, Annals of Neurology, Journal of Neurosurgery, and Radiology. He already has over 5000 citations. His most highly acclaimed work is on using MRI, fMRI, and machine learning to optimize DBS treatment of movement disorders and similar diseases. His research focuses using neuroimaging with machine learning techniques towards individualized medicine.





Prof Chan Ling Ling

Senior Consultant
Department of Neuroradiology (SGH Campus)
National Neuroscience Institute
Singapore

Clinical Professor Chan Ling Ling is a Senior Consultant Neuroradiologist and Research Director of the Division of Radiological Sciences at the Singapore General Hospital. She also serves as Academic Vice Chair (Research) of the

Radiological Sciences Academic Clinical Programme at the SingHealth Duke-NUS Academic Medical Centre.

A recipient of the prestigious National Senior Clinician Scientist Award, Prof Chan leads a neuroimaging research laboratory focused on neurodegenerative diseases. She is also an MMed-FRCR 2B Examiner at the NUS Graduate Medical School, Co-Chair of the Ministry of Health research accreditation board, and Chair of the Neuroradiology Section of the Singapore Radiological Society.







Prof Tchoyoson Lim

Senior Consultant
Department of Neuroradiology (TTSH Campus)
National Neuroscience Institute
Singapore

Prof Tchoyoson Lim (MBBS, FRCR, MMed Diag Radiol), graduated from the Medical Faculty of the National University of Singapore in 1988, and was awarded the Fellowship of the Royal College of Radiologists, UK and Master of

Medicine (Diagnostic Radiology) DGMS NUS in 1995. He was a Visiting Neuroradiology Fellow at the University of California at San Francisco in 1997-8 and joined the National Neuroscience Institute in Singapore in 1999, where he is Senior Consultant diagnostic clinical neuroradiologist.

He has co-authored 100 manuscripts for peer-reviewed journals, 6 book chapters, and a recent issue of the Neuroimaging Clinics on the subject of CNS infections in 2023. His primary research interest is in clinical/translational neuroimaging research using CT and MR imaging techniques, particularly diffusion, tensor/kurtosis, perfusion, arterial spin labelling, spectroscopy; for applications in CNS infection, neoplasia, ischemia, and paediatrics. He is also involved in online continuing medical education, disease databases, medical applications of computers and PACS; more recently, learning, cognitive bias and error, theory of medical education and assessment have become more interesting. Prof Lim has held various research grants and patents, sits on journal editorial boards and reviews for research grants and medical ethics IRB.

Currently, Prof Lim is Clinical Professor at Duke-NUS Graduate Medical School, and is also Visiting Professor to Huashan Hospital Fudan University (Shanghai) and Zhejiang Chinese Medical University (Hangzhou). He is President, Asian-Oceanian Society of Neuroradiology and Head & Neck Radiology, and has held portfolios including Academic Vice Chairs of Education and Research in Duke-NUS Singhealth Radiology ACP, Secretary of the Singapore Radiological Society, President of the College of Radiologists Singapore, Chief Examiner, Diagnostic Radiology Certifying Exam, Royal College of Radiologists/Master of Medicine (Diagnostic Radiology), and External Examiner for Malaysian and Indonesian Boards of Radiology. Prof Lim is Core Faculty of two Radiology Residency programs, Member of the Residency Advisory Committee, has been Course Director, Preparatory Course Faculty, co-mentored 2 PhD students and has won several teaching awards. He enjoys organizing multi-disciplinary team conferences as Visiting Consultant to nearly all restructured hospitals in Singapore, and has been greatly blessed by his wonderful family and supportive staff and colleagues.





A/Prof Adeline Ng

Senior Consultant
Department of Neurology
National Neuroscience Institute
Singapore

A/Prof Adeline Ng is a Senior Consultant Neurologist and Director of Special Projects at the Office of Academic Affairs, National Neuroscience Institute. She completed a fellowship at the Memory and Aging Centre, University of California

San Francisco, specializing in Young-Onset Dementias (YODs). She heads the Dementia and Cognitive Neuroscience program at NNI and serves as Deputy Head of the SingHealth Duke NUS Memory and Cognitive Disorders Centre.

A/Prof Adeline is Principal Investigator of National Medical Research Council (NMRC)-funded and other funded clinical dementia cohort studies as well as translational studies in the field of neurodegenerative diseases and neurogenetics, including being a recipient of the NMRC Clinician-Scientist Award. She is also Director of the Brain Bank Singapore, a national research entity dedicated to the preservation of post-mortem brain tissue for neuroscience research into neurological and neuropsychiatric disorders.







A/Prof (Adj) Anil Gopinathan

Senior Consultant, Interventional Radiology Lead Consultant for Neurovascular Interventions National University Hospital Singapore

A/Prof Anil Gopinathan MD, FRCR (Lon), FAMS is a Senior Consultant Interventional Radiologist and the Lead for Neurointerventions at the National University Hospital, Singapore. He has previously worked as an honorary

Consultant Radiologist at the Leeds Teaching Hospitals, UK. He was the Head of Interventional Radiology at NUH between Jun 2018 to Jul 2024. His special interest is in minimally invasive neuro-vascular therapies, and he established this service at NUH. In Singapore, he has been among the pioneers for some of the recent neuro-interventional treatments such as intra-arterial chemosurgery for retinoblastoma, dural venous sinus stenting for idiopathic intracranial hypertension, middle meningeal artery embolization for chronic SDH, intrasaccular flow disruption for cerebral aneurysms and embolization of CSV-venous fistulas for IIH. He believes in pushing the boundaries of neuro-interventional therapies and has been among the early adopters and proponents of treatments like reconstructive treatment for dural AVFs as well as direct CCFs, DMVO thrombectomy, flow diversion in acute SAH as well as distal vessel cerebral aneurysms.

Prof Anil has 165 scientific publications with 2338 citations [h-index of 28 & i10 index of 52; please click the profile for details: GOPINATHAN ANIL Publications | National University of Singapore. He is currently the President of the Society of Neurovascular Intervention and Surgery (Singapore). In the last 5 years, he has delivered more than 75 lectures as an invited speaker at various international and regional conferences/academic events. He has organized several workshops on neuro-interventional & vascular interventional therapies, has been an invited faculty at several international and regional meetings as well as organized a few international conferences in Singapore.







A/Prof Sitoh Yih Yian

Senior Consultant
Department of Neuroradiology (TTSH Campus)
National Neuroscience Institute
Singapore

A/Prof Sitoh is currently the Chief Risk Officer and Senior Consultant at the Department of Neuroradiology, National Neuroscience Institute (NNI), Singapore. He is Clinical Associate Professor at the Duke NUS

Graduate Medical School, Singapore.

He has authored or co-authored more than 100 peer reviewed publications, serves as reviewer on various journals and grant funding agencies; and has served on several Editorial Boards, including as Section Editor, Journal of Neuroradiology. He has lectured at regional and international forums and is involved in multi-disciplinary research collaboration projects.



A/Prof Tang Phua Hwee

Deputy Head & Senior Consultant

Department of Diagnostic & Interventional Imaging

KK Women's and Children's Hospital

Singapore

A/Prof Tang Phua Hwee is a paediatric radiologist with keen interest in neuroimaging. She is a graduate of the National University of Singapore and did her basic and advanced radiology training in various hospitals in Singapore.

After obtaining her FRCR and Masters in Diagnostic Radiology, she spent 6 months in University of California San Francisco learning the finer points of paediatric imaging, including paediatric neuroimaging and foetal imaging. She has also done a mini-fellowship in neuroradiology at Cincinnati Children's Hospital Medical Centre and a visiting fellowship at Athinoula A. Martinos Center for Biomedical Imaging. Research conducted after completing the Khoo Clinical Scholar's Program has resulted in use of educational videos to help children co-operate better during MRI scans, Ultrafast MRI brain sequences for paediatric patients and an AI model to select patients suitable for Ultrafast MRI.

A/Prof Tang is actively involved in education and has won Outstanding Faculty (Residency) RADSC ACP Education Award as well as the RadSci ACP Programme Excellence Award for "KKH Ultrasound Training Programme for Residents" for application of best practices in education philosophies and scholarly approach in creation and improvement of training curriculum leading to high quality teaching and learning.







Dr Bela Purohit

Senior Consultant
Department of Neuroradiology (TTSH Campus)
National Neuroscience Institute
Singapore

Dr Bela Purohit is a consultant neuroradiologist working at the National Neuroscience Institute, Singapore since 2014. She is also a Clinical Assistant Professor at the Duke-NUS Medical School, Singapore. She did her

neuroradiology fellowship at the University Hospital of Zurich, and head-neck radiology fellowships at the University Hospitals of Geneva and Leuven. She passed the European Diploma Exam in head-neck radiology in 2013.

Dr Bela has authored many highly cited publications in high impact journals and has been speaker/faculty at various local and international conferences. Her research interests are imaging of the temporal bone, skull base, head-neck cancer imaging, PET/CT, imaging of brain tumours and inflammatory CNS diseases.



Dr Carol Tham

Senior Consultant
Department of Neurology
National Neuroscience Institute
Singapore

Dr Carol Tham is a Senior Consultant Neurologist at the National Neuroscience Institute, Singapore. She underwent advanced specialist training in Neurology at the National Neuroscience Institute, Singapore, followed by a clinical fellowship

in Stroke with the renowned Calgary Stroke Program in Canada. Her clinical and research interests are in acute ischaemic stroke, young adults with stroke, reperfusion strategies, advanced neuroimaging and neurosonology.

Dr Carol Tham is also currently the Director of the Stroke and Cerebrovascular Disease Programme. Her responsibilities include developing and overseeing education and training curricula related to the Neuroscience Academic Clinical Programme (ACP) whilst incorporating population health considerations into programme strategy to ensure alignment with national public health goals and initiatives.







Dr Chia Ghim Song

Deputy Head of Department & Senior Consultant Department of Neuroradiology (SGH Campus) National Neuroscience Institute Singapore

Dr Chia Ghim Song is currently the Director of the Neurointerventional Radiology Service and Deputy Head of the Neuroradiology Department at the Singapore General Hospital. Subspecialising in diagnostic and interventional

neuroradiology, he dedicates his practice to treating a wide spectrum of neurovascular conditions affecting the brain, spine, head and neck. Dr Chia's expertise encompasses treatment of life threatening and critical conditions such as acute ischemic stroke and brain aneurysms, utilising state-of-the-art minimally invasive techniques to improve patient outcomes.

Dr Chia obtained his medical degree from the Duke-NUS Medical School in 2011 as a recipient of the Shaw Foundation scholarship. He was awarded the Seah Cheng Siang Gold Medal in Internal Medicine and honoured as the class valedictorian. During his residency training, he served as Chief Resident as part of the esteemed Singapore Chief Resident Program.

He completed a year-long neurointerventional radiology fellowship at the Gold Coast University Hospital, renowned as one of the first centres in the world to perform robotic neuroendovascular intervention under the MOH Health Manpower Development Plan Award. Upon his return, Dr Chia spearheaded the adoption of the transradial approach as a cornerstone for neurointerventional procedures at SGH.

As Clinical Assistant Professor at Duke-NUS, Dr Chia is actively involved in teaching and mentoring medical students. He served as the chairman of the Singapore Medical Association (SMA) doctors in training committee and was a council member. He is the founding and past president of the Duke-NUS medical alumni.



Dr Chng Soke Miang

Senior Consultant
Department of Neuroradiology (TTSH Campus)
National Neuroscience Institute
Singapore

Dr Chng Soke Miang is a Senior Consultant with the Department of Neuroradiology and Programme Director of Neuroradiology Fellowship (TTSH Campus). She is also Director of Neuroradiology Education at the National

Neuroscience Institute, Singapore. Her special interest is in Neurovascular diseases. She enjoys teaching, and is passionate about residents training as well as interprofessional education.





Dr Clement Yong

Head & Senior Consultant
Division of Neuroimaging
Department of Diagnostic Imaging
National University Hospital
Singapore

Dr Clement Yong is a Senior Consultant Diagnostic Radiologist at the National University Hospital. After graduating with Honours from the University of

Western Australia, Dr Yong later obtained his fellowship with the Royal Australian and New Zealand College of Radiologists (RANZCR). Since his move to Singapore, he has been working at the National University Hospital, where he now heads the Neuroimaging division.

He sub-specializes in advanced head & neck, and neuroimaging, and is a clinical expert with advanced specialty training from the Massachusetts Eye and Ear Infirmary in Boston USA, under the Singapore Health Manpower Development Plan Award. Dr Yong has published multiple papers and book chapters on head & neck Imaging and has given lectures on the subject internationally.

Dr Yong is also an Assistant Professor of Radiology with the Yong Loo Lin School of Medicine, and has won teaching and project awards for his commitment to the field. His research interests currently lie in the development of Artificial Intelligence and its application in brain tumours.



Dr David Wen

Consultant
Department of Neuroradiology (SGH Campus)
National Neuroscience Institute
Singapore

Dr David Wen is a Consultant with Singapore General Hospital's Department of Neuroradiology, subspecializing in diagnostic and interventional neuroradiology (neurointervention). His interest is in the minimally invasive treatment of

vascular disorders in the brain and spine.

Dr Wen obtained his medical degree from the University of Adelaide, Australia, graduating in 2009. He completed specialist training with the SingHealth Diagnostic Radiology Residency Programme in 2019.

In 2023, Dr Wen was awarded a sponsorship from SGH to undertake a 1-year fellowship in Interventional Neuroradiology at the renowned Walton Centre, UK. He also spent time at Alder Hey Hospital, one of the largest pediatric hospitals in the UK, gaining experience in the management of pediatric neurovascular diseases.

Dr Wen has also completed the European Diploma in Neurointervention (EDNI), a formal diploma for Interventional Neuroradiology.





Dr Goh Shu Wen

Associate Consultant
Department of Diagnostic Radiology
Tan Tock Seng Hospital
Singapore

Dr Goh Shu Wen is an Associate Consultant Radiologist in Tan Tock Seng Hospital, where he is part of the Head & Neck Radiology team. In the latter half of residency, Dr Goh developed a special interest in leveraging emerging

technologies in education, which he aims to bring to this workshop as well.



Dr Ivan Ho

Consultant
Department of Neuroradiology (TTSH Campus)
National Neuroscience Institute
Singapore

Dr Ivan Ho obtained his electrical engineering and medical degrees from the National University of Singapore (NUS) and completed his PhD with the NUS Graduate School for Integrative Sciences and Engineering (NGS). After specialist

accreditation in radiology, he now spends time both at the Institute for Infocomm Research (I2R) and the Department of Neuroradiology at the National Neuroscience Institute (NNI) exploring clinical applications of artificial intelligence and machine learning in medical imaging.



Dr Joanna Pearly Ti

Senior Consultant
Department of Neuroradiology (TTSH Campus)
National Neuroscience Institute
Singapore

Dr Joanna Pearly Ti is currently the Director for Patient Safety & Clinical Quality and a Senior Consultant Neuroradiologist, Department of Neuroradiology, at the National Neuroscience Institute. She graduated from the Royal College of

Surgeons, Ireland/Penang Medical College in 2003 and completed radiology training in Dublin, Ireland in 2010. These were followed by fellowship appointments in both Interventional Neuroradiology at University of Illinois, Chicago and Diagnostic Neuroradiology at Northwestern Memorial Hospital, Chicago. Dr Ti has an interest in vascular disorders of the brain, including aneurysms and acute stroke.





Dr Julian Han

Director of Neurovascular Service
Co-director of Endovascular Centre
Consultant, Department of Neurosurgery
National Neuroscience Institute
Singapore

Dr Julian Han is a Consultant Neurosurgeon at the National Neuroscience Institute (NNI). He is uniquely fellowship dual trained in both open vascular and

endovascular neurosurgery, and he is currently the Director of Joint Neurovascular Service and Co-director of Endovascular Centre of NNI.

A firm believer in training and education, Dr Han also serves as the Programme Director for the Singapore Integrated Programme for Neurosurgery Residency and actively shares his knowledge as well as experience in local, regional and international conferences and courses.



Dr Justin Ker

Consultant
Department of Neurosurgery
National Neuroscience Institute
Singapore

Dr Justin Ker is a Consultant Neurosurgeon at the National Neuroscience Institute (NNI) of Singapore. He sub-specializes in brain tumours and spinal conditions, and works at Singapore General Hospital, Tan Tock Seng Hospital and Changi General Hospital. He is the Co-director of the Neuro-oncology Program

for Brain Tumours, and Co-lead of Innovation at NNI Neurosurgery.

He graduated with department and university Honours from Carnegie Mellon University in the United States, where he majored in Biological Sciences, and minored in Biomedical Engineering and English. For his post-graduate medical degree, he was awarded an International Merit Scholarship to study medicine at the University of Sydney, Australia, where he graduated with Honours.

His research interests include using neural networks for medical image analysis and innovating surgical teaching tools. In collaboration with A*STAR, his recent work includes an instant-messaging smartphone messaging application to diagnose brain trauma on CT scans in resource-poor countries, and a virtual-reality headset program to train junior neurosurgeons to insert external ventricular drains. His prior research work has been licensed to a medical imaging company and is being developed for use at Singapore General Hospital.

He is the first recipient of the Singhealth Health Manpower Development Program (HMDP) Local Fellowship in Spine and has been awarded the Outstanding Faculty Award in educating neurosurgery residents, in addition to the NNI Quality Award (Silver) for patient care. He also founded and has been the course-director of the NNI Preparatory Course for neurosurgical candidates sitting the Fellowship Royal College of Surgeons (FRCS) exit examinations. His clinical practice employs minimally invasive and neuro-monitoring surgical techniques for brain tumours and spinal conditions.





Dr Kee Tze Phei

Director of Neurovascular Service
Co-director of Endovascular Centre
Consultant, Department of Neuroradiology (TTSH Campus)
National Neuroscience Institute
Singapore

Dr. Kee Tze Phei is a Consultant Neuroradiologist and Neurointerventionalist, serving as Director of the Joint Neurovascular Service and Co-Director of the

Endovascular Centre at the National Neuroscience Institute (NNI), Tan Tock Seng Campus.

She holds postgraduate qualifications in surgery (MRCS) and radiology (FRCR, Mmed), completed the SingHealth Radiology Residency Programme and clinical fellowship in Interventional Neuroradiology at Toronto Western Hospital.

Her clinical focus lies in both diagnostic and interventional neuroradiology, with particular interest in endovascular treatment of hyperacute stroke, cerebral aneurysms, and vascular malformations. In addition to her clinical roles, Dr. Kee is a Clinical Assistant Professor at Duke-NUS Medical School and a faculty member of the SingHealth Radiology Residency Programme. She actively contributes to the field of Neurointervention through research and knowledge sharing.



Dr Kheok Si Wei

Deputy Head of Department & Senior Consultant Department of Neuroradiology (SGH Campus) National Neuroscience Institute Singapore

Dr. Kheok Si Wei is the current Director of Head and Neck Radiology, Deputy Head of the Department of Neuroradiology, and Director of MRI patient care services in the Division of Radiological Sciences at Singapore General Hospital.

She holds academic positions in all three medical schools in Singapore. Her research interests are in head and neck, orbital imaging, and emerging diseases.





Dr Khoo Hau Wei

Consultant
Department of Diagnostic Radiology
Tan Tock Seng Hospital
Singapore

Dr Khoo Hau Wei is a Consultant Radiologist at the Department of Diagnostic Radiology, Tan Tock Seng Hospital, Singapore. He obtained his post-graduate qualifications in Radiology (FRCR and MMed) in 2018. He has a special interest in

head and neck imaging and has completed a visiting fellowship at Leiden University Medical Centre, the Netherlands. He is also a Core Clinical Faculty Member of the National Healthcare Group (NHG) Residency Programme and was awarded the NHG Teaching Award for Senior Doctors in 2024.



Dr Lishya Liauw

Senior Consultant
Department of Neuroradiology (SGH Campus)
National Neuroscience Institute
Singapore

Lishya Liauw did her medical school and radiologist training in Leiden, the Netherlands.

As a radiologist she worked in Leiden University Medical Center and Radboud University Medical Center, both in the Netherlands, before moving to Singapore.

In Singapore, she started as a Senior Consultant in the National Neuroscience Institute on the Tan Tock Seng campus, since 2013 she works in the department of Neuroradiology, Singapore General Hospital. Her special interest is in Head and Neck Radiology and Neuroradiology.





Dr Lin Xuling
Senior Consultant
Department of Neurology
National Neuroscience Institute

Dr Liu Ren Wei

Singapore

Dr Lin Xuling is a Neurologist, with a clinical interest in Neuro-Oncology and manages patients with Neurological conditions including brain tumours. She is also currently serving at the SingHealth Office of Regional Health as Director

(Clinical) and is working with the SingHealth Regional Health System team in population health strategy and planning development.

Dr Lin is passionate about clinical research and has been awarded several national grants and participates actively in the design and running of clinical studies. Her research interests range from neurocognition and neuroimaging to cancer genomics and brain tumour clinical trials.



Associate Consultant
Department of Neuroradiology (TTSH Campus)
National Neuroscience Institute
Singapore

Dr Liu Ren Wei is an Associate Consultant with the Department of Neuroradiology at the National Neuroscience Institute (TTSH Campus). He is passionate about leveraging advanced imaging techniques to enhance the

diagnosis and management of neurological conditions.

Dr Liu is actively involved in medical education, mentoring radiology trainees, and fostering a culture of continuous learning. His interests also include exploring the applications of artificial intelligence in radiology.







Dr Low Xi Zhen

Consultant
Department of Diagnostic Imaging
National University Hospital
Singapore

Dr Low Xi Zhen is a consultant neuroradiologist from the National University Hospital with interest in the translation of advanced imaging techniques and AI research. In this session, he will provide an overview of Black Bone MRI - an

emerging technique offering CT-like bone contrast on MRI, and discuss its evolving clinical role in craniofacial imaging and surgical planning.



Dr May Lim

Associate Consultant
Department of Neuroradiology (SGH Campus)
National Neuroscience Institute
Singapore

Dr May Lim is a diagnostic radiologist in Singapore General Hospital (SGH). She received her undergraduate degree from the National University of Singapore, and obtained her Fellowship of the Royal College of Radiologists and Masters of

Medicine (Diagnostic Radiology) in 2020 after completing 5 years of specialist training with SingHealth Diagnostic Radiology Residency Program. Her interests are in neuroradiology and head and neck imaging.



Dr Melissa Lee

Consultant
Department of Neuroradiology (SGH Campus)
National Neuroscience Institute
Singapore

Dr Melissa Lee is a Consultant Neuroradiologist and Head & Neck Radiologist at the Singapore General Hospital. She also serves as an Assistant Professor at the Duke-NUS Medical School. In 2024, she completed subspecialty training at the

University of Utah Health in Salt Lake City, focusing on oncologic imaging of the head & neck, as well as dental, oral, and maxillofacial imaging.





Dr Robert Chen

Head & Senior Consultant
Department of Neuroradiology (SGH Campus)
National Neuroscience Institute
Singapore

Dr. Robert Chen is trained in both Neuroradiology and Emergency Radiology, where he was a fellow and subsequent staff at Massachusetts General Hospital, Harvard Medical School. He is board certified in the USA with a Certificate of

Added Qualification (CAQ) in Neuroradiology and is currently Head of Department of Neuroradiology at Singapore General Hospital.



Dr Saravana Kumar Swaminathan

Consultant
Department of Neuroradiology (TTSH Campus)
National Neuroscience Institute
Singapore

Dr Saravana Kumar Swaminathan is a Clinical Assistant Professor at Duke-NUS Medical School and a Consultant at the National Neuroscience Institute's Department of Neuroradiology.

After graduating from medical school in India in 2011, Dr Saravana relocated to Singapore to pursue his post-graduate training in Radiology. He obtained his MMed (Diag Rad) and FRCR (Fellow of the Royal College of Radiology) degrees in 2015, as well as the EDiR (European Diploma in Radiology), and began working as a specialist radiologist in August 2018.

Dr Saravana further subspecialised in Interventional and Diagnostic Neuroradiology, obtaining the EDiNR (European Diploma in Neuro-Radiology) and EDiINR (European Diploma in Interventional Neuro-Radiology). He was awarded the Health Manpower Development Programme (HMDP) scholarship in 2020 by the Ministry of Health and underwent a clinical fellowship in Interventional Neuroradiology at the renowned Toronto Western Hospital – University of Toronto, Canada, under the tutelage of Prof Timo Krings.

Dr Saravana's subspecialty interest lies in minimally invasive endovascular treatment of various vascular disorders of the brain and spine, including stroke, aneurysms, arteriovenous shunts, as well as carotid artery and intracranial stenosis. Dr Saravana won several RiSE accolades, including Outstanding Resident, Quality Improvement Project, and Outstanding Performance. He also won the Young Investigator Award in 2015 at the Asian Congress of Abdominal Radiology.







Dr Shaun Previn

Consultant
Department of Neuroradiology (TTSH Campus)
National Neuroscience Institute
Singapore

Dr Shaun Previn is a Consultant in the Department of Neuroradiology at the National Neuroscience Institute in Singapore, a leading medical facility for neuroscience-related clinical services and research. His professional background

includes specialization in radiology with a specific focus on neuroradiology. His role involves working with advanced imaging technologies to aid in the diagnosis and treatment of neurological conditions.



Dr Steve Wong

Consultant
Department of Neuroradiology (SGH Campus)
National Neuroscience Institute
Singapore

Dr Steve Wong is a Consultant Interventional Neuroradiologist in the Department of Neuroradiology, Singapore General Hospital. He attained specialist accreditation in 2021, completing his radiology residency as the programme's Chief Resident.

Following 2 years of subspecialty fellowship training in Singapore, Dr Wong furthered his subspecialty training in France under the proctorship of Prof Laurent Pierot in 2024 and attained his European Diploma in Neurointervention (ENDI) by the European Board of Neurointervention (EBNI) in the same year.

As a part of the SGH Neurointervention team, he performs endovascular treatments of various neurovascular conditions, including acute ischemic strokes, intracranial aneurysms, intra & extracranial stenoses, arteriovenous shunts of the brain, head & neck, and spine. Additionally, he is experienced in the percutaneous treatment of head and neck low-flow vascular malformations, including sclerotherapy for venous and lymphatic malformations.





Dr Sumeet Kumar

Senior Consultant
Department of Neuroradiology (TTSH Campus)
National Neuroscience Institute
Singapore

Dr Sumeet Kumar is a Senior Consultant, Department of Neuroradiology, at the National Neuroscience Institute. She is the Director for Advanced Magnetic Resonance Imaging Research in the Radiological Sciences Academic Clinical

Program (RADSC ACP) of the SingHealth Duke-NUS Academic Medical Centre and Adjunct Assistant Professor at the Duke-NUS Medical School. She serves as the Research Head for the department of Neuroradiology, National Neuroscience Institute.

She is involved in clinical neuroradiology, education and MRI research. She has taught and held workshops at the European Courses for Neuroradiology organised by the European Society of Neuroradiology; and is an invited speaker at various local and international conferences.

Her research interest is in the domain of dementia and normal pressure hydrocephalus. She was awarded the RAD Science ACP Pitch for Funds grant to investigate Diffusion Kurtosis Imaging in Alzheimer's disease and the publication from this study won the SingHealth Publish! 2023 award. She has been actively involved in organising the clinical workflow for the anti-amyloid therapy, the MRI protocol and standardised reporting structure for the patients on these medications.



Dr Wan Kai Rui

Consultant
Department of Neurosurgery
National Neuroscience Institute
Singapore

Dr Wan Kai Rui is a Neurosurgical Consultant based at the National Neuroscience Institute. Her subspeciality interests are in Functional Neurosurgery, particularly in the realm of invasive and non-invasive forms of neuromodulation, as well as in

Neuro-Oncology. She also has a keen interest in harnessing AI applications to deepen understanding and manipulate neural networks to augment and revolutionize the delivery of neurological healthcare and research.





Dr Wickly Lee

Senior Consultant
Department of Neuroradiology (TTSH Campus)
National Neuroscience Institute
Singapore

Dr Wickly Lee graduated with an MBBS from the National University of Singapore in 1993 and subsequently pursued neuroradiology subspecialty training in 2004. In addition to post-graduate qualifications of MMed (Diag Rad)

and FRCR, he also underwent a year of Neurointerventional training in Budapest, Hungary, in 2006. Dr Lee won the SingHealth Outstanding Faculty Award in Diagnostic Radiology in 2021.

Dr Lee is professionally interested in the treating of cerebral and spinal vascular conditions (aneurysms, arterio-venous malformations, dural arteriovenous fistulas, and interventional treatment of head and neck vascular abnormalities). Additionally, his interests include clinical services, research, and acute stroke intervention. He is passionate about imparting his knowledge by teaching fellows and residents.

His latest notable contribution was the signing of a memorandum of understanding (MOU) between the Siriraj Hospital, Thailand and the National Neuroscience Institute (NNI), Singapore to enhance the standard of neurointervention care in both countries on 1 August 2023. The MOU formalises long-standing ties between the two institutions and focuses on deepening collaborations on education, research and the sharing of best practices in the field of neurointervention.



Dr Yu Wai-Yung

Head & Senior Consultant
Department of Neuroradiology (TTSH Campus)
National Neuroscience Institute
Singapore

Dr Yu Wai-Yung is a Neuroradiologist and trained at St George's Hospital and National Hospital for Neurology and Neurosurgery in the UK. She is the Head and Senior Consultant in the Department of Neuroradiology @TTSH at the National

Neuroscience Institute and Academic Vice Chair, Education, in the Radiological Sciences Academic Clinical Programme. Dr Yu has received multiple awards for her educational contributions.





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