

aesthetic essentials®



Hands-on Facial Ultrasound Course

1 DECEMBER 2024

One Farrer Hotel, Singapore

9 AM - 5 PM



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Facial Ultrasound imaging

has revolutionised aesthetic medicine, particularly in the realm of facial injections.

This innovative technology, coupled with specialised training, enables practitioners to observe each patient's distinct anatomical structures. This advancement eliminates the need for blind injections, marking a significant milestone in aesthetic procedures.

The use of ultrasound for facial injections offers a secure, non-invasive imaging method without the dangers associated with ionizing radiation. As the popularity of aesthetic treatments, especially those targeting signs of aging, continues to rise, injectors often struggle with precise needle placement. Training in ultrasound aesthetics equips practitioners to utilise this technology throughout the treatment process, providing real-time visualisation that improves accuracy and minimises complication risks by avoiding critical anatomical structures.

One crucial advantage of ultrasound-guided facial injections is their ability to assist in dissolving previously injected fillers. This underscores the importance of ultrasound aesthetics training in enhancing procedure safety. By employing ultrasound, practitioners can transition from a fixed anatomical perspective to a dynamic, real-time view.

The integration of ultrasound technology into facial injection training has become crucial for practitioners, offering valuable insights through post-treatment imaging. This approach enhances techniques, improves patient outcomes, and accelerates the learning curve for both novice and experienced professionals in the aesthetic field.

Learning Objectives

After completing this course, participants will be able to:

1 Assess and Develop Comprehensive Treatment Plans

Diagnose patients effectively using ultrasound imaging to create personalized aesthetic and therapeutic treatment plans that optimize outcomes.

2 Demonstrate Proficiency in Facial Anatomy Mapping

Perform hands-on ultrasound imaging to accurately map facial anatomy, identifying key structures and risk areas with confidence.

3 Apply Ultrasound-Guided Injection Techniques for Complication Management

Utilize ultrasound-guided injections to manage complications, ensuring precise filler placement, safe dissolution, and improved patient safety.



Who should attend

Aesthetic Doctors

Practitioners performing facial injections who wish to enhance their precision and patient outcomes.

Plastic Surgeons

Surgeons who specialise in facial procedures and want to incorporate ultrasound for improved treatment accuracy.

Dermatologists

Specialists in skin treatments looking to adopt safer and more effective methods for injectable procedures.

Medical Aesthetic Practitioners

Those involved in aesthetic treatments seeking to stay updated on advanced technologies like ultrasound.

Medical Students with an Interest in Aesthetics

Students seeking specialised training in cutting-edge technologies in aesthetic procedures.



Agenda - 1th December 2024

| Time | Topic | Faculty | Activity |
|-------------|---|---------------------------|---|
| 9:00-9:20 | Role of Ultrasound in Facial Injectables and Anatomy Education | Dr. Narendra Kumar | |
| 9:20-9:45 | Vascular Complications: A Literature Review | Dr. Janna Joethy | |
| 9:45-10:30 | Basic Principles of Ultrasound Imaging <ul style="list-style-type: none"> • Physics of ultrasound, types of probes, and image generation. • Understanding ultrasound settings (depth, gain, frequency). | Dr. Colin Chong | |
| 10:30-11:30 | Facial Anatomy through Ultrasound <ul style="list-style-type: none"> • Key structures of the face and neck relevant to aesthetic treatments. • Identifying muscles, vessels, and planes using ultrasound. | Prof. HJ Kim | |
| 11:30-12:00 | Discussion | Participants | |
| 12:00-01:00 | LUNCH | | |
| 1:00-1:20 | Patient-Centric Growth Strategies: A Cornerstone of Success in Medical Aesthetics | Mr. Gunther Scherz | |
| 1:20-2:30 | Hands-On Session: Basic Ultrasound Scanning | Participants | Participants practice using the US device on volunteers |
| 2:30-3:30 | Safety and Complication Prevention <ul style="list-style-type: none"> • Common complications in aesthetic procedures. • How ultrasound helps minimise risks by visualising real-time anatomy. | Prof. HJ KIM | |
| 3:30-4:30 | Hands-on session/Ultrasound-Guided Injectable Techniques | | |
| 4:30-5:00 | Summary & Close | | |



About the Faculty



Prof. Hee-Jin Kim DDS, PhD
Korea

Prof HJ Kim is a professor in the Division of Anatomy & Developmental Biology, Department of Oral Biology, Yonsei University College of Dentistry, Seoul, Korea. He is Editor-in-Chief of "Anatomy and Cell Biology", an Associate Editors of "Surgical & Radiologic Anatomy" and "European J Clinical Anatomy", and an editorial boards of "Clinical Anatomy". In addition, Professor Kim has authored and co-authored 17 textbooks including 'Clinical anatomy for Botulinum and Filler injection' and 'Ultrasonographic anatomy of the face and neck for minimally invasive procedures', and more than 340 articles that have appeared in peer-reviewed journals.



Dr. Colin Chong MBBS, MMed, FRANZCR
Australia

Dr Colin Chong is a senior Musculoskeletal Radiologist and Chair of the Royal Australian and New Zealand College of Radiologists MRI Reference Group. He completed musculoskeletal fellowships at both Vancouver General Hospital and St Paul's Hospital in British Columbia. His expertise has provided specialist diagnostic imaging for many elite athletes and professional sporting teams. Dr Chong is actively involved in teaching and research and was a keynote plenary speaker for the Australasian Society of Ultrasound, Australasian Sonographers Association, Alexandra Academy of Clinical and Emergency Sonography, Australian Institute of Ultrasound, and the Royal Australian and New Zealand College of Radiologists. Dr Chong was a keynote plenary speaker and faculty member in over 80 scientific conferences with numerous publications including contributions to a best-selling book on chronic and neuropathic pain (ISBN 978-3-031-10686-6), research grants and prizes, and a previous recipient of the prestigious Australian National Health and Medical Research Council Medical Scholarship. Dr Chong was appointed the eminent Health Manpower Development Plan Visiting Expert by the Singapore government in 2023 to train and upskill specialists in sports medicine, orthopedics, and radiology.



Mr. Gunther Scherz MBA
Singapore

Mr Gunther Scherz holds an MBA from the University of Chicago Booth School of Business and is the Co-founder & Managing Director of Cutis Medical Laser Clinics, Singapore. With over two decades of experience as an executive-level program management professional and business growth strategist, he has successfully addressed profit and growth challenges across a wide range of industries, including automotive, cloud-based technology, marketing research, consulting, and medical aesthetics. His approach to business is grounded in two fundamental principles: a refusal to take shortcuts and an unwavering commitment to integrity. These guiding values have consistently shaped his career, ensuring the delivery of tangible results across various sectors by emphasizing the importance of doing what is right, even when no one is watching.



Dr. Janna Joethy MMed, FAMS
Singapore

Dr Janna Joethy is a Singapore plastic surgeon recognised for his aesthetic and reconstructive skills. Through his career, he's worked on a wide range of cases, ranging from cosmetic work to microsurgery and burn related surgery. Dr Janna is regularly invited to give talks at various conferences where he shares his experience in aesthetic and reconstruction procedures. He is well versed in the latest techniques in cosmetic surgery so that his patients can benefit from this. Dr Janna is well known for his contouring skills ranging from mummy makeovers to liposuction. He also offers various methods for facial rejuvenation with fillers, threads or a surgical facelift. He has been invited as faculty to train other doctors in injecting fillers. Outside of his clinical and academic work, Dr Janna often travels abroad to give back to society. He has travelled to Myanmar, Indonesia and Bangladesh where he has performed humanitarian work on the less privileged.

About the Faculty



Dr. Narendra Kumar PhD
Singapore

A passionate educationalist and researcher, Dr Narendra Kumar is the Founder and CEO of AVINYAA Health, and Ex Director of Allergan Medical Institute. Dr Kumar is committed to promote evidence-based medical education in aesthetic medicine. Dr Kumar, who obtained his PhD from University College London (UCL), is an internationally acclaimed medical education professional with over 25 years of experience. His commitment towards reforms and innovation in medical education has brought a new approach to clinical teaching and learning. Dr Kumar has over thirty original research papers and book chapters to his credit in medical education and strategic marketing; he continues to strive for excellence with his creative, innovative and inquisitive charms.

Registration fees includes

| Course Materials | Ultrasound Equipment Usage | Certification | Networking Opportunities | Refreshments |
|---|---|---|---|--|
| Comprehensive learning materials, guides, and resources to enhance your understanding of ultrasound aesthetics. | Access to state-of-the-art ultrasound machines and tools for hands-on practice. | A certificate of completion, recognising your training in ultrasound-guided aesthetic procedures. | Opportunities to connect with industry experts, peers, and leaders in aesthetic medicine. | Complimentary meals, snacks, and beverages during the course sessions. |
| Early Bird (before 10 November) | | Regular Rate | Residents / Trainees | |
| SGD550 | | SGD700 | SGD400 | |

Disclaimer: Participation in the aesthetic essentials™ course does not imply or ensure competence, proficiency, or expertise in the skills, knowledge, or procedures that may be discussed or taught during the course.



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