HKU Med School of Clinical Medicine
Department of Surgery
香港大學外科學系

HKU THYROID MASTERCLASS

THYROID MASTERY - NAVIGATING CHALLENGES AND INNOVATIONS

9 - 10 MAY 2025

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WELCOME MESSAGE

Matrix Fung
Course Director

Dear Colleagues, Esteemed Guests, and Friends,

It is with great pleasure that we welcome you to the HKU Thyroid Masterclass. This year's theme, "Thyroid Mastery - Navigating Challenges and Innovations," captures the essence of our mission: to advance the field of thyroid surgery by addressing its complexities and embracing the latest breakthroughs.

This conference is especially significant as it coincides with the 110th anniversary of the Department of Surgery of the University of Hong Kong. For over a century, our department has been a leader in surgical excellence, continuously pushing the boundaries of medical knowledge and improving patient care. This milestone offers us an opportunity to reflect on our rich history, honor the contributions of our predecessors, and renew our commitment to surgical innovation and excellence.

The HKU Thyroid Masterclass represents a collaborative effort between the disciplines of endocrine surgery and otorhinolaryngology (ENT). By bringing together overseas and local experts, surgeons, clinicians, and researchers from around the world, we aim to create a dynamic environment for knowledge exchange, skill enhancement, and collaborative innovation.

Participants will have the opportunity to participate in thought-provoking lecture sessions, hands-on workshops, and interactive discussions. Our distinguished speakers will share their insights on the latest advancements, including minimally invasive thyroid ablation, remote access thyroidectomy, cutting-edge intra-operative adjuncts to enhance surgical safety, and advances in molecular diagnostics and therapeutics. We hope to inspire new ideas and collaborative efforts that will shape the future of thyroid care.

We extend our heartfelt gratitude to all the speakers, sponsors, and organizing committee members whose dedication and hard work have made this event possible. Your contributions are invaluable to the success of the HKU Thyroid Masterclass!

Warmest regards,

Matrix Fung
Course Director, HKU Thyroid Masterclass

WELCOME MESSAGE

Stephanie Wong
Course Director

Dear friends and colleagues,

It is my great pleasure to welcome you to the HKU Thyroid Masterclass 2025, entitled "Thyroid Mastery: Navigating Challenges and Innovations." We are honored to have renowned experts, both from overseas and local, who will be sharing their expertise on the latest developments in thyroid condition management.

Our program begins with a hands-on dissection workshop on the first day, featuring RFA/MMA ablation of thyroid nodules, laryngeal ultrasonography, injection thyroplasty, remote access thyroidectomy, and porcine model nerve monitoring. These practical sessions are designed to provide you with valuable hands-on experience using the latest techniques in thyroid surgery.

On the second day, we will feature a series of lectures that cover the most recent updates in thyroid condition management. Our distinguished speakers will present their cutting-edge research and clinical experiences, ensuring a comprehensive understanding of the current landscape in thyroid care.

We are particularly excited to highlight the Wong Hau Yuen Visiting Professorship this year. We are privileged to have Professor Woo Jin Jeong with us, who will deliver a keynote lecture on "Evolution of Thyroid Surgery: From Basic to Scarless Thyroid Surgery." This presentation promises to offer a transformative perspective on the future of thyroid surgery.

We extend a warm welcome to all participants and hope that you find great enjoyment and fulfillment in attending the HKU Thyroid Masterclass this year. We look forward to sharing this valuable educational experience with you and fostering a vibrant exchange of knowledge among all attendees.

Lastly, I would like to extend my sincere appreciation to the entire organizing team for their dedication and hard work in preparing this Masterclass. Their commitment and meticulous planning have been instrumental in bringing this event to fruition.

Warmest regards,

Stephanie Wong
Course Director, HKU Thyroid Masterclass 2025

WELCOME MESSAGE

Joseph Chung
Course Advisor

Dear Friends and Colleagues,

Welcome to the HKU Thyroid Masterclass 2025: Thyroid Mastery - Navigating Challenges and Innovations. This is a premier event taking place on May 9-10 that brings leading experts in the field of thyroid surgery and management together.

This year we are extremely honoured to have Professor Woo Jin Jeong from Seoul National University College of Medicine, Korea to be our orator of Wong Hau Yuen Visiting Professorship lecture on 'Evolution of Thyroid Surgery: From Basic to Scarless Thyroid Surgery'.

Over these two days, you will have the opportunity to learn about cutting-edge techniques such as transoral thyroidectomy and advanced thermal ablation, as well as the latest updates in thyroid pathology, nerve monitoring and oncological treatments. Also, you will engage with expert speakers, participate in hands-on workshops, in-depth lectures and interactive discussions to explore the latest advancements and techniques in the field of thyroid conditions.

We cordially invite you to be part of this Masterclass and look forward to seeing you in May.

Warmest regards,

Joseph Chung
Course Advisor, HKU Thyroid Masterclass

ORGANIZING COMMITTEE

COURSE DIRECTORS

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COURSE PROGRAM

DAY 1

WORKSHOP AND CADAVERIC DISSECTION

Surgical Skills Centre, 10/F, Laboratory Block
Li Ka Shing Faculty of Medicine, The University of Hong Kong
21 Sassoon Road, Pokfulam, Hong Kong

Time	Topic	Demonstrator & Table Instructor
08:30 - 09:00	Registration	
09:00 - 11:00	USG and Application to Vocal Cord Mobility	Yolanda Lee Yan Luk
	RFA and Microwave Ablation	Samuel Cheng Woojin Cho Matrix Fung Ronald Lai Dora Tai
	Nerve Monitoring in Porcine	Joseph Chung Stephanie Wong
11:00 - 12:00	Lunch	
12:00 - 13:15	Injection Laryngoplasty	Yiu Wing Ng Nikie Sun
13:15 - 17:00	Transoral Thyroidectomy	Young Jun Chai Zhi Heng Huang Woo Jin Jeong Ronald Lai Eric Lau Dora Tai

COURSE PROGRAM

DAY 2

LECTURES

Lecture Theatre 3, Cheung Kung Hai Conference Centre, William M. W. Mong Block
Li Ka Shing Faculty of Medicine, The University of Hong Kong
21 Sassoon Road, Pokfulam, Hong Kong

Time	Topic	Speaker
08:30 - 08:45	Registration	
08:45 - 09:00	Opening Remarks	
	Session I **What is New in 2025?** **Moderators: Brian Lang and Chi Man Ngai**	
09:00 - 09:20	Update on Thyroid Pathology: Insights and Innovations	Siu Ming Mak
09:20 - 09:40	Intraoperative Nerve Monitoring: Standardization, Troubleshooting and 'Loss of Signal' Management	Che Wei Wu
09:40 - 10:00	Precision Medicine for Customizing Diagnostic Approaches for Thyroid Tumors	Tsung Lin Yang
10:00 - 10:15	Q&A	
10:15 - 11:00	**Wong Hau Yuen Visiting Professorship Lecture** **Evolution of Thyroid Surgery: From Basic to Scarless Thyroid Surgery** **Speaker: Woo Jin Jeong** **Moderators: Joseph Chung and Stephanie Wong**	
11:00 - 11:15	Q&A	
11:15 - 11:30	Tea Break	
	Session II **Minimally Invasive Surgery: Remote Access and Thermal Ablation** **Moderators: Samuel Cheng and Chi Yee Choi**	
11:30 - 11:50	TransOral Endoscopic Thyroidectomy Vestibular Approach (TOETVA): In A Nutshell for Beginners	Young Jun Chai
11:50 - 12:10	Thyroid Ultrasonography and Imaging for Surgeons	Yolanda Lee
12:10 - 12:30	Recommendations and Guidelines on Thermal Ablation of Thyroid	Woojin Cho
12:30 - 12:50	Complications Related to Thyroid Thermal Ablation: Prevention Strategies	Dora Tai
12:50 - 13:05	Q&A	
13:05 - 13:20	Break	
	Lunch Symposium **Moderators: Joseph Chung and Matrix Fung**	
13:20 - 13:50	Lunch Symposium *sponsored by* Medtronic Novel technologies in Parathyroid Identification and Preservation	Marcin Barczyński
13:50 - 14:20	Lunch Symposium *sponsored by* Stryker The Use of Fluorescence Imaging in Parathyroid Surgery and Beyonds	Michael Bouvet Santiago Horgan

COURSE PROGRAM

DAY 2

LECTURES

Lecture Theatre 3, Cheung Kung Hai Conference Centre
William M. W. Mong Block
Li Ka Shing Faculty of Medicine, The University of Hong Kong
21 Sassoon Road, Pokfulam, Hong Kong

Time	Topic	Speaker
	Session III **Beyond the Thyroid** **Moderators: Xina Lo and Ping An Wu**	
14:20 - 14:40	Advances in Medical Treatment of Grave's Disease and Thyroid Eye Disease	Alan Lee
14:40 - 15:00	Surgical Management of Thyroid Eye Disease	Allie Lee
15:00 - 15:20	Optimizing the Voice Management after Thyroidectomy	Nikie Sun
15:20 - 15:40	Tips for Mastering Parathyroidectomy	Yan Luk
15:40 - 16:00	Paediatric Thyroid Surgery	Patrick Chung
16:00 - 16:15	Q&A	
16:15 - 16:30	Tea Break	
	Session IV **Update on Management of Thyroid Malignancy** **Moderators: Wai Keung Chick and Siu Kwan Ng**	
16:30 - 16:50	Current Trends in Microcarcinoma and Central Neck Dissection Management	Ronald Chiang
16:50 - 17:10	Update on Oncological Treatment for Thyroid Cancer	Wendy Chan
17:10 - 17:30	Understanding the Pathology, Genetics and Surgical Management of Medullary Thyroid Carcinoma	Shirley Liu
17:30 - 17:50	Surgical Challenges in Advanced Thyroid Cancer with Aerodigestive Tract and Thoracic Invasion	Raymond Tsang
17:50 - 18:05	Q&A	
18:05 - 18:15	Closing Remarks	

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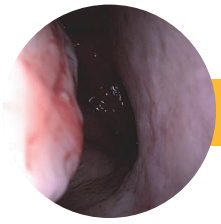
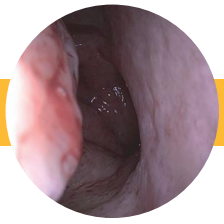


Level 0 (Off)



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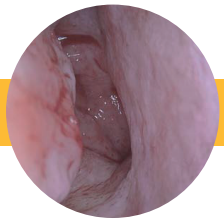
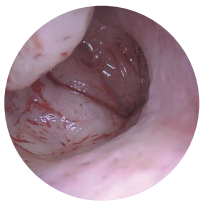


Level 6

Utilize tone mode, designed to balance lighting across the field of view by enhancing posterior lighting without compromising foreground detail.



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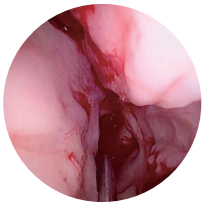

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INVITED FACULTY

WONG HAU YUEN VISITING PROFESSOR

Woo Jin Jeong	**Professor** Head & Neck Division Department of Otorhinolaryngology-Head & Neck Surgery Comprehensive Cancer Center Seoul National University Bundang Hospital Seoul National University College of Medicine
Marcin Barczyński	**Head** Department of Endocrine Surgery Jagiellonian University Medical College
Michael Bouvet	**Professor of Surgery** Co-Director of Center for Fluorescence Guided Surgery University of California San Diego
Young Jun Chai	**Full Professor** Department of Surgery Seoul National University College of Medicine Seoul National University Boramae Medical Center
Woojin Cho	**Representative Director** Head and Neck Ultrasound Centre Department of Otolarynoglogy-Head & Neck Surgery **Executive Board Member** Korean Association of Otorhinolaryngology Korean Society of Head and Neck Surgery
Santiago Horgan	**Professor of Surgery** Chief of Division of Minimally Invasive Surgery Director of Center for Fluorescence Guided Surgery Director Center For the Future of Surgery Department of Surgery University of California San Diego
Zhi Heng Huang	**Assistant Director** Division of Thyroid Surgery Department of Surgery The University of Hong Kong - Shenzhen Hospital

INVITED FACULTY

Raymond Tsang

Associate Professor
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Senior Consultant
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National University Hospital
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Head of Head and Neck Tumour Group
National University Cancer Institute
Singapore

Che Wei Wu

Chair and Professor
School of Medicine
Kaohsiung Medical University

Chief
Department of Otorhinolaryngology
Kaohsiung Medical University

Board Member
International Neural Monitoring Study Group

Council Member
Asia-Pacific Society of Thyroid Surgery

Director
Taiwan Head and Neck Society

Director
Taiwan Society of Otorhinolaryngology Head and Neck Surgery

Ping An Wu

Associate Consultant
Department of Surgery
The University of Hong Kong - Shenzhen Hospital

Tsung Lin Yang

Chief and Professor
Head and Neck Surgery
National Taiwan University Hospital

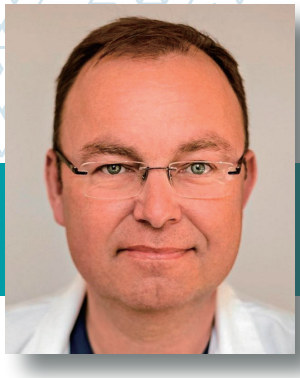
Woo Jin Jeong

Professor Woo Jin Jeong is a distinguished otolaryngologist and head & neck surgeon who is affiliated with the Seoul National University College of Medicine, South Korea. His practice is primarily at the Seoul National University Bundang Hospital (SNUBH) in South Korea. Professor Jeong completed his education and clinical training at Seoul National University (SNU), South Korea and its affiliated hospitals. He furthered his expertise in head and neck diseases through research as a postdoctoral scholar at the National Institutes of Health (NIH/NIDCD) and the Moores Cancer Center (UCSD). Professor Jeong's clinical focus includes the surgical management of head and neck tumors, with specialized expertise in thyroid cancers, salivary neoplasms, robotic and remote access head and neck surgery, and microvascular reconstruction.

Professor Jeong actively participates and holds leadership positions in various academic societies, such as the Korean Society of Otorhinolaryngology-Head & Neck Surgery (KORL) and the Korean Society of Head & Neck Surgery (KSHNS). Additionally, he serves as Associate Editor of *Clinical and Experimental Otorhinolaryngology* (CEO), the official English journal of the KORL. Professor Jeong is a dedicated member of prestigious organizations including the AAO-HNS, AACR, ASHNO, and APTS. Professor Jeong is a sought-after speaker and has delivered numerous invited lectures both internationally and domestically. He has authored significantly to the field with over 100 SCI-cited international publications and textbook chapters.

INVITED FACULTY

BIOGRAPHY



Marcin Barczyński

Professor Marcin Barczyński is an internationally recognized leader in endocrine surgery, currently is Head of the Department of Endocrine Surgery and Full Professor of Surgery at Jagiellonian University Medical College in Kraków, Poland. With over 25 years of clinical experience in endocrine surgery and surgical oncology in Poland, Germany, and the United States, he has developed expertise in thyroid, parathyroid and adrenal surgery.

Professor Barczyński holds several leadership positions in the global endocrine surgery community, including Past-President of the European Society of Endocrine Surgeons (ESES) and President of the EUROCRINE Society. He also serves as a Steering Committee member of the International Neural Monitoring Study Group (INMSG), where he helps advance standards for nerve preservation during thyroid and parathyroid procedures.

As an accomplished researcher with an h-index of 42 for more than 5,700 citations, Professor Barczyński has authored over 220 peer-reviewed publications and book chapters. His work has significantly contributed to improve surgical outcomes through innovations in intraoperative nerve monitoring, surgical techniques, and personalized treatment approaches for endocrine disorders.

INVITED FACULTY
BIOGRAPHY

Michael Bouvet

Professor Michael Bouvet is Director of Endocrine Surgery at the University of California San Diego (UCSD), where he also serves as Co-Director of the Center for Fluorescence Guided Surgery. With over 450 peer-reviewed publications and 35 book chapters, he is a leading authority in surgical oncology, specializing in gastrointestinal and endocrine tumors.

Professor Bouvet completed his surgical residency at UCSD School of Medicine and his Fellowship at the University of Texas MD Anderson Cancer Center. He earned his medical degree from the University of Washington School of Medicine.

As a prolific researcher, Professor Bouvet is Principal Investigator on multiple NIH-funded grants and has pioneered advancements in fluorescence-guided surgery (FGS), including the development of fluorophore-conjugated antibodies for tumor visualization and the clinical application of indocyanine green (ICG) in parathyroid and adrenal surgery. His work has significantly enhanced precision in tumor resection through innovations such as fluorescence laparoscopy and robotic-assisted techniques. Notably, he and his team pioneered robotic-assisted transhiatal esophagectomy for esophageal cancer.

Professor Bouvet is Co-Founder and past President of the International Society for Fluorescence Guided Surgery and is actively involved in training the next generation of surgeons. He teaches annual courses on pancreatic, esophageal, and thyroid cancer surgery at UCSD and at national and international conferences.

Honoured as a "Top Doc" in San Diego Magazine's Physicians of Exceptional Excellence survey, Professor Bouvet is a sought-after expert in his field. He is an active member of numerous prestigious societies, including the American College of Surgeons, the American Surgical Association, the Society of Surgical Oncology, the American Association of Endocrine Surgeons, and the American Association for Cancer Research.

INVITED FACULTY
BIOGRAPHY

Young Jun Chai

Professor Young Jun Chai, MD, Ph.D., MBA is a distinguished surgeon, academic, and researcher currently holds a position of Full Professor in the Department of Surgery at Seoul National University College of Medicine and Seoul National University Boramae Medical Center in Seoul, Republic of Korea.

Professor Chai began his academic journey at Seoul National University College of Medicine, where he earned his Medical Degree (M.D.) in 2003. His passion for advancing medical knowledge led him to pursue a Master's Degree (2012-2014) and a Ph.D. (2015-2017) from the same institution, specializing in surgical sciences. Demonstrating a commitment to broadening his expertise beyond medicine, Professor Chai also completed an MBA at Nanyang Technological University's Nanyang Business School in 2023.

Professor Chai's professional career began in 2014 as Assistant Professor in the Department of Surgery at Seoul National University Boramae Medical Center. He then promoted to Associate Professor in 2019. In 2024, he was appointed as Professor, and in 2025, he achieved the prestigious rank of Full Professor at Seoul National University College of Medicine.

INVITED FACULTY
BIOGRAPHY

Woojin Cho

Professor Woojin Cho is the Representative Director of Withsim Clinic in Bundang, South Korea. He completed his medical education at the Korea University in Seoul, South Korea, and underwent specialized training in otolaryngology-head and neck surgery at the Korea University Anam Hospital.

Professor Cho's clinical practice is focused on utilization ultrasound technology to diagnose and treat patients with various neck conditions, including thyroid nodules, salivary diseases, lymphadenopathy, and soft tissue disorders.

In addition to his clinical work, Professor Cho is actively engaged in research related to office-based head and neck ultrasound procedures performed by surgeons, as well as ultrasonography-guided interventions such as radiofrequency ablation, sclerotherapy, and core needle biopsy. He has shared his expertise through over 100 scientific presentations worldwide and has published more than 20 peer-reviewed articles and chapters to medical textbooks, with a primary focus on head and neck ultrasound.

Professor Cho serves as an Executive Board Member of both the Korean Association of Otorhinolaryngologists and the Korean Society of Head and Neck Surgery. He has been in charge of over 20 international and domestic head and neck ultrasound courses for surgeons in regions such as Hong Kong, Japan, and New Zealand. Professor Cho's contributions to the field have been recognized with three "Presentation of the Year" awards at the Annual Congress of the Korean Association of Otorhinolaryngologists.

INVITED FACULTY
BIOGRAPHY

Santiago Horgan

Professor Santiago Horgan is Professor of Surgery at the University of California San Diego, where he serves as Chief of the Division of Minimally Invasive Surgery and Director of the Bariatric and Metabolic Institute (BMI). Additionally, he holds the roles of Vice Chair of Business Development, Director of the Center for the Future of Surgery (CFS), and is a Co-Founder and Board Member of the American Foregut Society. Professor Horgan's leadership at the BMI has led to pioneering advancements in surgical procedures, including numerous successful FDA trials.

Internationally renowned for his expertise in minimally invasive and robot-assisted surgery, Professor Horgan is a trailblazer in the treatment of morbid obesity and specializes in the surgery and physiology of the esophagus. His innovative techniques have significantly advanced the field of surgery with a focus on conditions such as gastroesophageal reflux, achalasia, esophageal cancer, and Barrett's esophagus.

As a pioneer in minimally invasivesurgery, Professor Horgan is among the first surgeons to utilize the da Vinci robot system for complex procedures, demonstrating unparalleled precision through small incisions. He has performed ground-breaking upper GI surgeries worldwide and is a leading figure in Natural Orifice Translumenal Surgery (NOTES), a cutting-edge approach that minimizes scarring and accelerates recovery time for patients.

Under Professor Horgan's direction, UC San Diego has achieved several milestones, including the first Peroral Endoscopic Myotomy (POEM) procedure in the United States and the inaugural transgastric appendectomy. Notably, he established the world's first Center for Fluorescent Guided Surgery at UCSD and is at the forefront of utilizing indocyanine green (ICG) for gallbladder surgery.

Being the Director of the Center for the Future of Surgery at UC San Diego, Professor Horgan collaborates with colleagues to advance scarless surgical techniques through research, development, and education. In 2019, he launched the Center for Microsurgery and the Hybrid Operating Room, solidifying UCSD as a global leader in surgical training and research.

Prior to his tenure at UC San Diego, Professor Horgan held leadership positions at the University of Illinois at Chicago, where he directed the Minimally Invasive and Robotic Surgery Department and co-directed the Swallowing Center. Recognized as one of America's Top Doctors by Castle Connolly Medical Ltd. in 2005, Professor Horgan continues to drive innovation and excellence in the field of surgery.

INVITED FACULTY

BIOGRAPHY

Zhi Heng Huang

Dr. Zhi Heng Huang is a distinguished Consultant in the Division of Endocrine Surgery, Department of Surgery at The University of Hong Kong-Shenzhen Hospital. With a strong academic foundation, Dr. Huang earned his MBBS from Shandong Medical University, followed by a Master of Surgery from Sun Yat-sen University, and a PhD from Shandong University. His intensive training and academic pursuits reflect his dedication to advancing the field of endocrine surgery.

As an esteemed member of the Hong Kong Academy of Endoscopic Surgery (HKAES) who is actively involved in research and education, Dr. Huang continues to play a pivotal role in advancing endocrine surgery in the Greater Bay Area and beyond.

INVITED FACULTY
BIOGRAPHY

Raymond Tsang

Professor Raymond Tsang graduated from the Chinese University of Hong Kong in 1994 and received his training in otolaryngology in Prince of Wales Hospital, the Chinese University of Hong Kong. He obtained the Fellowship of Royal College of Surgeons of Edinburgh in 2001 and then subspecilized in head and neck surgery.

Before relocating to Singapore, Professor Tsang was Associate Professor in the Department of Surgery, The University of Hong Kong. In April 2022, Professor Tsang took up his current position as Associate Professor in the Department of Otolaryngology – Head and Neck Surgery in the National University of Singapore.

Professor Tsang's clinical research interests include application of robotic surgery in head and neck surgery, minimally invasive surgery in the head and neck region, endoscopic surgery for anterior skull base lesions and swallowing disorders in patients after head and neck cancer treatment. Professor Tsang was part of the team that performed the first clinical trial of the next generation of flexible robot for application in transoral head and neck surgery in 2017.

Professor Tsang has published more than 100 peer review papers and book chapters. He was the President of the Hong Kong Society of Otorhinolarynology – Head and Neck Surgery, the President of the Hong Kong Head and Neck Society and the Chairman of the Head and Neck Subspecialty Board of the Hong Kong College of Otorhinolaryngologists.

INVITED FACULTY
BIOGRAPHY

Che Wei Wu

Professor Che Wei Wu is the Chair and Professor at the School of Medicine and the Chief of the Department of Otorhinolaryngology at Kaohsiung Medical University (KMU), Kaohsiung, Taiwan. He had postgraduate ORL-HNS & Thyroid Surgery training at KMU, Taiwan, and Massachusetts Eye and Ear (MEEI), Boston. Professor Wu is a Board Member of the International Neural Monitoring Study Group (INMSG), a Council member of the Asia-Pacific Society of Thyroid Surgery (APTS), a Director of Taiwan Head and Neck Society (THNS) & Taiwan Society of Otorhinolaryngology Head and Neck Surgery (TSOHNS), and the Editorial Board Member of several journals, including The Laryngoscope, Frontiers in Surgery, Translational Oncology, Cancer Treatment, and Research Communications, etc.

Professor Wu's research has been instrumental in the field of thyroid surgery, particularly in the application of intraoperative neuromonitoring (IONM) to prevent recurrent laryngeal nerve (RLN) and external branch of superior laryngeal nerve (EBSLN) injury. His team's work, which includes the development of an experimental animal model using continuous IONM to investigate the mechanisms of RLN injury and creating several novel techniques during IONM, has significantly advanced our understanding and practice in this area.

Ping An Wu

Dr. Ping An Wu is Associate Consultant in the Head and Neck Surgery at The University of Hong Kong-Shenzhen Hospital, specializing in the surgical management of complex head and neck tumors. He obtained his medical degree from Central South University, China in 2003, followed by a Ph.D. in 2010.

With a clinical focus on salvage surgery for recurrent nasopharyngeal carcinoma, Dr. Wu is dedicated to improving outcomes for patients with challenging head and neck malignancies. His research explores biomarkers for treatment response prediction and the development of personalized therapeutic strategies, bridging the gap between laboratory discoveries and clinical applications. Additionally, he is skilled in minimally invasive head and neck surgery, skull base procedures, and microvascular free flap reconstruction, ensuring comprehensive and cutting-edge care for his patients.

Being an active contributor to the field, Dr. Wu has authored over 36 peer-reviewed journal articles, reflecting his commitment to advancing head and neck oncology. He is also a Fellow of the International Federation of Head and Neck Oncology Societies (IFHNOS) and the International Association of Oral and Maxillofacial Surgeons (IAOMS), highlighting his international recognition.

In addition to his clinical and research roles, Dr. Wu serves in leadership positions, including Vice Chairman of the Head and Neck Oncology Committee of the Shenzhen Anti-Cancer Association and Youth Committee Member of the Head and Neck Oncology Committee of the Guangdong Anti-Cancer Association.

INVITED FACULTY
BIOGRAPHY

Tsung Lin Yang

Professor Tsung Lin Yang, MD, PhD, EMBA, is a surgeon specializing in otolaryngology-head and neck surgery, as well as a dedicated researcher in the fields of regenerative medicine and oncology. Currently, he serves as the Chief and Professor of head and neck surgery in the Department of Otolaryngology at the National Taiwan University Hospital. Professor Yang is a specialist in surgical oncology and possesses extensive expertise in robotic surgery for head and neck. He has developed innovative surgical techniques and patented novel devices, such as Yang's retractors which facilitate the application of endoscopic and robotic surgery in the field. His contributions have positioned him as a pioneer of robotic surgery in otolaryngology-head and neck surgery in Taiwan.

Additionally, Professor Yang has devoted considerable efforts to investigating new applications of ultrasound and exploring novel techniques for ultrasound-guided procedures in diagnoses and treatments. His published studies have shed light on the crucial roles of tumor satellite budding in head and neck cancer. Within his laboratory, Professor Yang and his team are devoted to explore the approaches for organ regeneration. His extensive research output includes the publication of numerous scientific papers and many prestigious academic awards. The ultimate aim of his research is to endeavor the therapeutic and functional outcomes of patients.

Professor Yang is also actively involved and in charge of promoting academic-industrial cooperation, focusing on intellectual property, technology transfer, and startup development. With a deep understanding of both clinical and research environments, Professor Yang works to bridge the gap between academia and industry, fostering innovation and facilitating the translation of scientific discoveries into practical applications and commercial ventures.

LOCAL FACULTY

Wendy Chan

Clinical Assistant Professor
Department of Clinical Oncology
School of Clinical Medicine
Li Ka Shing Faculty of Medicine
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Ronald Chiang

Resident (Specialist)
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Honorary Clinical Tutor
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Wai Keung Chick

Consultant
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Chi Yee Choi

Consultant and Division Head
Division of Head and Neck, Endocrine, and Breast Surgery
Department of Surgery
Pamela Youde Nethersole Eastern Hospital

Deputy Director
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LOCAL FACULTY

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Yolanda Lee	**Consultant Radiologist** Private Practice
Shirley Liu	**Chief of Service** Department of Surgery Alice Ho Miu Ling Nethersole Hospital **Head** Division of Endocrine Surgery New Territories East Cluster Hospital Authority **Clinical Associate Professor (honorary)** Department of Surgery The Chinese University of Hong Kong
Xina Lo	**Associate Consultant** Department of Surgery Alice Ho Miu Ling Nethersole Hospital and North District Hospital **Honorary Clinical Assistant Professor** Department of Surgery The Chinese University of Hong Kong
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Department of Surgery and Department of Ear, Nose and Throat
Queen Mary Hospital

LOCAL FACULTY

BIOGRAPHY

Wendy Chan

Professor Wendy Chan is currently serving as the Clinical Assistant Professor in the Department of Clinical Oncology, School of Clinical Medicine, LKS Faculty of Medicine at The University of Hong Kong. Professor Chan is a fellowship-trained clinical oncologist, holding Fellowships from the Royal College of Radiologists and the Hong Kong College of Radiologists. In 2017, she furthered her expertise by completing a Master of Science in Palliative Medicine at the Cardiff University, UK. Professor Chan was granted the Hong Kong West Cluster Overseas Specialty Clinical Attachment Training Fund to pursue an elective in head & neck and thyroid cancer at the Memorial Sloan Kettering Cancer Center.

Professor Chan is actively engaged in research, focusing in thyroid and endocrine malignancy, breast cancer, and upper gastrointestinal cancers. She serves as a Council Member of the Hong Kong Head and Neck Society and has published peer-reviewed journals and presentations at both local and international cancer conferences.

LOCAL FACULTY

BIOGRAPHY

Samuel Cheng

Dr. Samuel Cheng is Associate Consultant in the Department of ENT at New Territories East Cluster, Hospital Authority, and Clinical Assistant Professor (honorary) at The Chinese University of Hong Kong. After graduating from the Chinese University of Hong Kong, Dr. Cheng completed his specialist training in otorhinolaryngology, head & neck surgery at Prince of Wales Hospital, followed by post-Fellowship training in Head & Neck Surgery through both the Hong Kong College of Otorhinolaryngology and the Global Online Fellowship (GOLF) by the International Federation of Head and Neck Oncologic Societies (IFHNOS).

Specializing in head and neck surgery, Dr. Cheng has developed particular expertise in ultrasound-guided ablation techniques for thyroid and salivary gland disorder. His clinical practice also focuses on the surgical management of oral cavity and laryngeal cancers, with specialized training at world-renowned centres including Tata memorial (ACTREC) Head & Neck Oncology Centre in Mumbai and San Giovanni Bosco Hospital in Turin.

Ronald Chiang

Dr. Ronald Chiang graduated from Li Ka Shing Faculty of Medicine at The University of Hong Kong in 2016. Throughout his specialist training in Otorhinolaryngology (ENT), he demonstrated exceptional dedication and excellence, earning accolades such as the Medal of Hong Kong College of Otorhinolaryngologists and Scholarship from the Thomas Cheung Educational Fund of the Hong Kong Society of Otorhinolaryngology, Head & Neck Surgery. Dr. Chiang was admitted as a Fellow of both the Hong Kong College of Otorhinolaryngologists and the Royal College of Surgeons in Edinburgh in 2023. His remarkable achievements led to his election as a Distinguished Young Fellow of the College in 2024.

Being a Resident Specialist at the Department of ENT in Queen Mary Hospital and a Honorary Clinical Tutor at the Department of Surgery of The University of Hong Kong, Dr. Chiang is actively engaged in clinical practice, teaching, and research endeavors. His professional focus lies in head and neck oncology and sleep surgery. Continuing his pursuit of excellence, he is currently undergoing post-fellowship training in head and neck surgery, further enhancing his skills and expertise in the field.

LOCAL FACULTY
BIOGRAPHY

Wai Keung Chick

Dr. Wai Keung Chick is currently Consultant at Queen Elizabeth Hospital, Hong Kong. A 1990 graduate of The Chinese University of Hong Kong, he obtained his Fellowship of the Royal College of Surgeons of Edinburgh in 1994 and completed his Fellowship in General Surgery in 1998. To refine his surgical skills, Dr. Chick pursued advanced overseas training in laparoscopic surgery in the United Kingdom, oncologic surgery in Japan, and robotic surgery in Korea, equipping him with a comprehensive, internationally informed approach to modern surgical care.

As a leader in surgical education and training, Dr. Chick holds two pivotal roles: Chief Examiner and Chairman of the General Surgery Board, The College of Surgeons of Hong Kong, and Chairman of the Committee on Surgical Training, Hospital Authority. In these capacities, he oversees the development and assessment of surgical trainees, ensuring the highest standards of clinical competence and professional excellence.

Dr. Chick's academic contributions focus primarily on endocrine surgery, with numerous publications advancing the understanding and management of endocrine disorders. Recognized as an authority in this subspecialty, he serves as a designated trainer, mentoring the next generation of endocrine surgeons. His commitment to innovation—from minimally invasive techniques to robotic-assisted procedures—has positioned him as a key figure in shaping surgical practice and education in Hong Kong.

Chi Yee Choi

Dr. Chi Yee Choi is Consultant at the Department of Surgery, Pamela Youde Nethersole Eastern Hospital, Hong Kong SAR. She is also the Division Head of the Division of Head and Neck, Endocrine, and Breast Surgery of the Hospital.

Dr. Choi obtained her undergraduate medical degree from the Li Ka Shing Faculty of Medicine of The University of Hong Kong. Following the attainment of her Fellowship, she pursued overseas training at world-renowned institutions, including the MD Anderson Cancer Center in the USA, the University of Heidelberg in Germany, and the Police Hospital in Thailand.

Dr. Choi's clinical practice focuses on cosmetic thyroid surgery, head and neck cancer surgery, and oncoplastic breast reconstruction. Her dedication to trailblazing surgical techniques and improving patient outcomes has earned her recognition as a pioneer in her field. She is particularly known for her work in promoting minimally invasive and robotic surgical approaches, which have transformed patient care in Hong Kong and beyond.

A passionate advocate for professional collaboration and education, Dr. Choi is a founding member of several prestigious surgical societies, including the Hong Kong Thyroid Society, the Hong Kong Endocrine Surgery Society, and the Hong Kong Robotic Surgery Society. Her commitment to advancing surgical knowledge is further demonstrated through her active involvement in academic activities, including the publication of research in international journals and contributions to book chapters.

In her role as Deputy Director of the Hong Kong East Cluster Minimal Access Surgery Training Centre, Dr. Choi plays a pivotal role in training the next generation of surgeons. She regularly organizes local and international symposiums, fostering the exchange of knowledge and the adoption of cutting-edge surgical techniques. Her efforts have significantly raised awareness and promoted the latest advances in thyroid and parathyroid surgery, benefiting both patients and the medical community.

LOCAL FACULTY
BIOGRAPHY

Joseph Chung

Dr. Joseph Chung is the Chief of Service of the Department of Ear, Nose, and Throat at Queen Mary Hospital, alongside his role as Honorary Clinical Associate Professor at The University of Hong Kong. With a specialist qualification in otorhinolaryngology obtained in 2011, Dr. Chung has further sub-specialized in the fields of head and neck surgery and sleep apnea surgery. He has pursued extensive overseas training programs at renowned institutions including the University of California San Francisco, MD Anderson Cancer Center in Houston, Singapore General Hospital, and China Medical University Hospital in Taichung, focusing on areas such as head and neck oncology and microvascular surgery.

Dr. Chung's clinical expertise encompasses a wide range of specialties which are head and neck cancer resection with flap reconstruction, endoscopic skull base tumor surgery, transoral robotic surgery, and multi-level sleep surgery for obstructive sleep apnea. He has made significant contributions to the field through his extensive research and academic endeavors, with over 20 papers published in peer-reviewed journals and more than 40 presentations delivered at local and international conferences focusing on head and neck and sleep surgery.

In addition to his clinical and academic achievements, Dr. Chung plays a pivotal role in various professional societies and organizations. He currently serves as President of the Hong Kong Society of Otorhinolaryngology – Head and Neck Surgery, Vice President of the Hong Kong Society of Sleep Medicine, Honorary Treasurer of the Hong Kong Head & Neck Society, and Council Member of the Hong Kong Society of Robotic Surgery. Dr. Chung's commitment to excellence is further demonstrated through his memberships in the Head and Neck Surgery and Facial Plastic Surgery Boards of the Hong Kong College of Otorhinolaryngologists, underscoring his dedication to advancing the field of ENT surgery.

LOCAL FACULTY
BIOGRAPHY

Patrick Chung

Professor Patrick Chung is Clinical Associate Professor and Assistant Dean (Alumni Engagement) at Li Ka Shing Faculty of Medicine at The University of Hong Kong (HKUMed). A 2004 medical graduate of HKU, he completed his surgical training at Queen Mary Hospital, obtaining Fellowship qualification in 2011 and Master of Surgery in 2017. Specializing in paediatric hepatobiliary and gastrointestinal surgery, Professor Chung has pioneered minimally invasive techniques in neonatal surgery, with his team receiving the Hospital Authority Outstanding Team Award in 2023 for their groundbreaking work.

An internationally recognized researcher, Professor Chung has authored 135 publications in prestigious journals including *The Lancet, Journal of Hepatology and Journal of Paediatric Surgery*, along with 3 book chapters. His academic leadership extends to editorial roles as Associate Editor of *Journal of Paediatric Surgery Open* since 2001 and editorial board positions with several international journals. Professor Chung maintains active involvement in global paediatric surgery organizations, serving as Board Member of both the Pacific Association of Paediatric Surgeons and World Federation of Associations of Pediatric Surgery, while also holding executive positions as Vice President of the Hong Kong Society of Paediatric Gastroenterology, Hepatology and Nutrition and Secretary General of the Asian Surgical Association.

At Queen Mary Hospital, Professor Chung serves as Deputy Chief in Paediatric Surgery, and contributes to the College of Surgeons of Hong Kong as Council Member and Chairman of Scientific Committee. Recognized for his teaching excellence with the HKUMed Faculty Teaching Medal in 2023, Professor Chung has shared his expertise through over 70 conference presentations and 40 invited lectures worldwide.

Matrix Fung

Professor Matrix Fung is Chief of the Division of Endocrine Surgery in the Department of Surgery at School of Clinical Medicine, Li Ka Shing Faculty of Medicine, The University of Hong Kong (HKU Med). Following his graduation at HKU Med, Professor Fung joined the Department of Surgery at Queen Mary Hospital. He then has become Clinical Assistant Professor of HKU Med since 2024.

Specializing in the management of thyroid, parathyroid, and adrenal disorders, Professor Fung has developed particular expertise in minimally invasive techniques, including radiofrequency ablation (RFA) and microwave ablation (MWA) for thyroid nodules and Graves' disease. His clinical practice encompasses the full spectrum of endocrine surgery, from benign thyroid conditions to complex malignancies and neuroendocrine tumours of the pancreas and adrenal glands.

Being an active researcher, Professor Fung explores the integration of artificial intelligence in thyroid cancer management and the clinical applications of laryngeal ultrasonography for vocal cord assessment. His work has been recognized internationally, with invited lectures and workshops at major conferences, where he shares his insights on innovative endocrine surgical techniques.

Professor Fung is deeply involved in the academic community as a member of the Hong Kong Association of Endocrine Surgeons (HKAES) and the Asian Association of Endocrine Surgeons (AAES). He also contributes to scholarly discourse as an Associate Editor of Surgical Practice.

LOCAL FACULTY

BIOGRAPHY

Ronald Lai

Dr. Ronald Lai is Associate Consultant in the Department of Otorhinolaryngology, Head and Neck Surgery at both United Christian Hospital and Tseung Kwan O Hospital in Hospital Authority (HA), Hong Kong. He concurrently holds the academic position of Clinical Assistant Professor (honorary) at The Chinese University of Hong Kong's Department of Otorhinolaryngology, Head and Neck Surgery.

Following the completion of his specialist training, Dr. Lai pursued an intensive three-year post-Fellowship training in head and neck cancer surgery at Prince of Wales Hospital and United Christian Hospital, further honing his surgical expertise. His dedication to professional excellence is recognized through his achievement of the International Federation of Head and Neck Oncologic Societies (IFHNOS) Global Online Fellowship in Head and Neck Surgery and Oncology with Honours, a prestigious international qualification.

As a trainer for the Head and Neck Surgery Program in the HA Kowloon East Cluster, Dr. Lai plays a vital role in mentoring the next generation of surgeons. His clinical practice encompasses comprehensive management of head and neck conditions, with particular expertise in complex oncologic resections and sophisticated reconstructive procedures. Dr. Lai has developed specialized interests in several innovative areas including dysphagia management, radiofrequency ablation for benign thyroid nodules, sialendoscopic techniques for salivary gland disorders, and transoral robotic surgery - reflecting his commitment to advancing minimally invasive approaches in head and neck surgery.

LOCAL FACULTY

BIOGRAPHY

Brian Lang

Professor Brian Lang is currently the President of the Hong Kong Association of Endocrine Surgeons (HKAES). A distinguished graduate of the University of Sydney, where he earned his MBBS with Distinctions in Medicine and Surgery, Professor Lang further obtained his Master of Surgery from The University of Hong Kong, conducting thesis research on differentiated thyroid carcinoma.

Professor Lang's clinical practice encompasses the full spectrum of endocrine surgery, with particular expertise in thyroid oncology, both benign and malignant conditions, parathyroid surgery, and the management of adrenal and pancreatic neuroendocrine tumors. He pioneered the application of High-Intensity Focused Ultrasound (HIFU) for treating benign thyroid disease, establishing new standards for non-invasive therapeutic approaches.

As President of the Hong Kong Association of Endocrine Surgeons, Professor Lang provides strategic leadership to advance the specialty across the region. His academic influence extends globally through his extensive publication record, including over 200 peer-reviewed articles and 20 book chapters that have significantly contributed to the evidence base in endocrine surgery. His scholarly impact is further amplified through editorial roles with several prestigious journals: *World Journal of Surgery, Journal of Thyroid Disorders and Therapy, Case Reports in Surgery, World Journal of Endocrine Surgery, and World Journal of Gastrointestinal Endoscopy.*

LOCAL FACULTY

BIOGRAPHY

Eric Lau

Dr. Eric Lau is a respected otolaryngologist and head & neck surgeon currently serving as Consultant at the Department of Ear, Nose and Throat, New Territories East Cluster (NTEC), Hospital Authority (HA), and Clinical Associate Professor (honorary) at the Department of Otorhinolaryngology, Head and Neck Surgery of The Chinese University of Hong Kong. His academic and professional credentials include Memberships and Fellowships from the Royal College of Surgeons of Edinburgh, Hong Kong College of Otorhinolaryngologists, and Hong Kong Academy of Medicine.

Dr. Lau graduated from The Chinese University of Hong Kong and completed specialist training at Prince of Wales Hospital and United Christian Hospital. He further enhanced his expertise through advanced post-Fellowship training with the Head and Neck Surgery Board of the Hong Kong College of Otorhinolaryngologists and the International Federation of Head and Neck Oncologic Societies. His exceptional contributions were recognized in 2018 when he was elected Distinguished Young Fellow of the Hong Kong College of Otorhinolaryngologists.

An accomplished leader in his field, Dr. Lau holds several prestigious positions including Chair of the Young Fellows Chapter at the Hong Kong Academy of Medicine, Distinguished Young Fellow of the same institution, and Outstanding Young Achiever of the NTEC, HA. His international recognition includes participation in the Global Online Fellowship in Head & Neck Surgery and Oncology with the International Federation of Head and Neck Oncologic Society, and serving as Founding Council Member of the International Head and Neck Surgeon Ultrasound Association.

Dr. Lau has extensive overseas experience at first class institutions such as Zhejiang Cancer Hospital, Memorial Sloan Kettering Cancer Center, University of Pittsburgh Medical Center, Princess Margaret Cancer Centre, Toronto Mount Sinai Hospital, Asan Medical Center, and Tata Memorial Hospital. As a certified head and neck robotic surgeon, he specializes in minimally invasive surgeries.

Dr. Lau's clinical and research interests focus on innovative approaches including ultrasound-guided radiofrequency ablation for thyroid and salivary gland tumors, histological cancer prognosticators, and virtual surgical planning.

LOCAL FACULTY
BIOGRAPHY

Alan Lee

Dr. Alan Lee graduated with the Bachelor of Medicine and Bachelor of Surgery from the Faculty of Medicine at The University of Hong Kong in 2007. He completed his physician training at Queen Mary Hospital in Hong Kong and achieved specialization in endocrinology, diabetes, and metabolism in 2016.

With a strong clinical and research interest in thyroidology, Dr. Lee pursued advanced training in the area of Graves' orbitopathy and thyroid autoimmunity overseas in 2019 and served as a Visiting Fellow at the Thyroid Outpatient Clinic & Molecular Thyroid Research Laboratory at Johannes Gutenberg University Medical Centre in Mainz, Germany, a prominent European centre for Graves' Orbitopathy. Under the mentorship of Professor George J. Kahaly, Dr. Lee gained valuable insights and expertise in this specialized field.

Presently, he holds the position of Consultant in the Department of Medicine at Tung Wah Hospital and serves as Honorary Clinical Associate Professor in the Department of Medicine at the School of Clinical Medicine, Li Ka Shing Faculty of Medicine, The University of Hong Kong. Since 2020, Dr. Lee has been overseeing the Thyroid Clinic as the Physician-in-Charge in Queen Mary Hospital.

Allie Lee

Professor Allie Lee is an accomplished ophthalmologist and Clinical Assistant Professor at the Department of Ophthalmology, School of Clinical Medicine, Li Ka Shing Faculty of Medicine, The University of Hong Kong. Specializing in corneal and external eye diseases, she completed Fellowship training at Hong Kong Eye Hospital and further refined her expertise through an observership at Massachusetts Eye and Ear in Boston, U.S.A.

Professor Lee has made significant contributions to the field of ocular surface diseases, most notably through her establishment of Hong Kong's first territory-wide ocular graft-versus-host disease (GVHD) screening and management program for bone marrow transplant patients. Her innovative research has been supported by competitive grants from the Health and Medical Research Fund and the S.K. Yee Medical Foundation, demonstrating the clinical importance of her work.

Recognized as a rising leader in ophthalmology, Professor Lee has received multiple honours including designation as a Distinguished Young Fellow of the Hong Kong Academy of Medicine. Additional accolades include the Dr. Timothy Kai-Chung Liu Memorial Fund Award and the Ho Hung Chiu Medical Education Foundation Fellowship, reflecting her excellence in both clinical care and academic pursuits.

LOCAL FACULTY
BIOGRAPHY

Yolanda Lee

Dr. Yolanda Lee is a radiologist specializing in head and neck imaging, currently as Honorary Associate Professor in the Department of Radiology at The University of Hong Kong and Co-Founder of A1 Imaging. With over 15 years of experience in Hong Kong's public healthcare system at the Prince of Wales Hospital and Queen Mary Hospital, she brings extensive clinical expertise to both academic and private practice settings.

Upon graduated from The Chinese University of Hong Kong, Dr. Lee earned her Fellowship of the Royal College of Radiologists (FRCR) in 2005, receiving the Rohan William Medal for outstanding performance. She further honed her expertise through specialized training with world-renowned head and neck radiologists Professor H. Ric Harnsberger from the University of Utah, USA and Professor Anil T. Ahuja from The Chinese University of Hong Kong, HKSAR, complemented by advanced PET/CT training at London's Royal Marsden Hospital.

Dr. Lee has made substantial contributions to radiology literature as co-editor of two internationally recognized textbooks - *Expert Differential Diagnosis: Ultrasound and Diagnostic* and Surgical Imaging Anatomy: Ultrasound. She is also the editor of the high school medical physics text book – *New Senior Medial Physical*. Her scholarly work includes authorship of over 100 book chapters on head and neck imaging and publication of more than 20 peer-reviewed articles.

LOCAL FACULTY
BIOGRAPHY

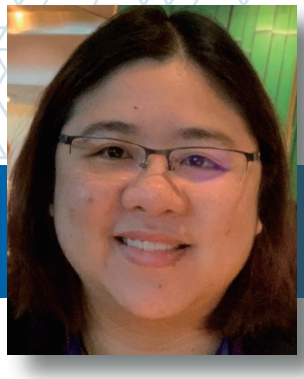
Shirley Liu

Dr. Shirley Liu is the Chief of Service of the Department of Surgery at Alice Ho Miu Ling Nethersole Hospital, Hospital Authority (HA). She concurrently holds the positions of Head of the Endocrine Surgery Division for the HA New Territories East Cluster and Clinical Associate Professor (honorary) in the Department of Surgery at The Chinese University of Hong Kong.

A distinguished graduate of The Chinese University of Hong Kong where she received distinction in surgery in 2003, Dr. Liu completed her comprehensive surgical training at Prince of Wales Hospital. Her professional qualifications include Fellowships from both the Royal College of Surgeons of Edinburgh and The College of Surgeons of Hong Kong in 2010, followed by recognition as an International Fellow of the American College of Surgeons in 2018.

Specializing in endocrine and bariatric surgery, Dr. Liu has made significant contributions to surgical research and clinical practice, earning her over 20 international awards. Notable honours include the prestigious Fujimoto Prize (First Prize) from the Asian Association of Endocrine Surgeons in 2014, the International Association of Endocrine Surgeons (IAES) Best Clinical Paper Prize in 2015, and the IAES Dr. John Farndon Award in 2017.

Dr. Liu actively contributes to the advancement of her specialty through leadership roles in multiple professional organizations, currently as Vice President of the Hong Kong Association of Endocrine Surgeons and Council Member in the Hong Kong Thyroid Society, Hong Kong Society of Minimal Access Surgery, and Hong Kong Society of Metabolic & Bariatric Surgery.



Xina Lo

Dr. Xina Lo is currently Associate Consultant at Alice Ho Miu Ling Nethersole Hospital and North District Hospital, while holding an academic appointment as Honorary Clinical Assistant Professor in the Department of Surgery, Faculty of Medicine at The Chinese University of Hong Kong.

After completing her Fellowship in general surgery, Dr. Lo pursued specialized training in endocrine surgery, becoming the first surgeon in her cluster to achieve subspecialty certification in this field. To further refine her expertise, she undertook advanced overseas training at renowned institutions in Seoul and Mayo Clinic in the USA, where she gained exposure to cutting-edge techniques in thyroid, parathyroid, and adrenal surgery.

Yan Luk

Dr. Yan Luk is a dedicated and accomplished Resident Specialist at the Division of Endocrine Surgery, Department of Surgery, Queen Mary Hospital, Hong Kong SAR. With a specialized focus in thyroid and parathyroid diseases, Dr. Luk has emerged as a promising clinician and researcher in the field of endocrine surgery.

Dr. Luk graduated from the medical school of The University of Hong Kong in 2016, where she developed a keen interest in surgical disciplines. Her commitment to excellence and patient care led her to pursue advanced training in general surgery, culminating in the attainment of her Fellowship in General Surgery in 2023.

Currently, Dr. Luk is an integral member of the Division of Endocrine Surgery at Queen Mary Hospital, where she provides expert care to patients with thyroid, parathyroid and adrenal disorders. Her clinical expertise is complemented by a strong research focus, with particular interest in advancing the management of thyroid and parathyroid diseases, and her work has been published in peer-reviewed journals.

LOCAL FACULTY
BIOGRAPHY

Siu Ming Mak

Dr. Siu Ming Mak is a highly respected and accomplished pathologist with a distinguished career in anatomical pathology and genetic and genomic pathology. Currently serving as the Chief of Service of the Department of Clinical Pathology at Tuen Mun Hospital, Pok Oi Hospital, and Tin Shui Wai Hospital, Dr. Mak plays a pivotal role in advancing pathology services and laboratory medicine in Hong Kong.

Dr. Mak graduated from The Chinese University of Hong Kong in 2001 and underwent specialist training in pathology at Alice Ho Miu Ling Nethersole Hospital and North District Hospital. His dedication to excellence in pathology was recognized with the attainment of his Fellowship of The Royal College of Pathologists of Australasia (RCPA) in 2007. In 2008, he further achieved Fellowships from The Hong Kong College of Pathologists (HKCPath) and the Hong Kong Academy of Medicine, as well as Membership of The International Academy of Cytology.

As a practicing specialist, Dr. Mak has extensive experience in anatomical pathology and genetic and genomic pathology. He has been instrumental in the planning and development of clinical pathology laboratories and mortuaries across various public hospitals, ensuring the delivery of high-quality diagnostic services to support patient care.

Dr. Mak is deeply committed to the advancement of pathology education and training. From 2021 to 2023, he served as the Chairman of the Training and Examinations Committee of HKCPath, overseeing the College's training programs and examinations. His contributions to the field have also extended to his role as an examiner for both HKCPath and RCPA, where he has helped shape the next generation of pathologists.

In recognition of his leadership and expertise, Dr. Mak was elected as President of HKCPath. In this role, he continues to support the development of pathology as a discipline, fostering collaboration, innovation, and excellence within the field.

LOCAL FACULTY
BIOGRAPHY

Siu Kwan Ng

Dr. Siu Kwan Ng is an accomplished otorhinolaryngologist currently in private practice while maintaining his academic appointment as Clinical Associate Professor (honorary) at the Department of Otorhinolaryngology, Head and Neck Surgery of The Chinese University of Hong Kong. His clinical expertise encompasses comprehensive ear, nose and throat care with particular specialization in thyroid and salivary gland surgeries.

An active contributor to his field, Dr. Ng holds significant leadership positions including Executive Committee Member of the Asia-Pacific Society of Thyroid Surgery and General Secretary of the International Multidisciplinary Salivary Gland Society. These roles highlight his standing as a respected authority in thyroid and salivary gland disorders.

Dr. Ng is particularly committed to surgical education and training. His dedication to knowledge sharing has made him a sought-after faculty member for both local and international training courses, where he contributes to the development of future ENT specialists. Through his clinical practice, academic involvement, and educational activities, Dr. Ng continues to advance the field of otorhinolaryngology with special focus on thyroid and salivary gland surgery.

Yiu Wing Ng

Dr. Yiu Wing Ng is currently in private practice and holds prestigious appointments as Honorary Consultant at Hong Kong Sanatorium & Hospital and Honorary Clinical Assistant Professor at the Department of Surgery of The University of Hong Kong. His professional leadership extends to his role as Secretary of the Hong Kong Society of Otorhinolaryngology, Head and Neck Surgery where he actively contributes to the advancement of his specialty.

After completing his training in the Department of Otorhinolaryngology at Queen Mary Hospital, Dr. Ng pursued subspecialty training followed by international electives at globally recognized institutions including the University of Pittsburgh Medical Center, Massachusetts General Hospital, Mount Sinai Hospital, and the University of Springfield, U.S.A.

Dr. Ng has established himself as a laryngologist in Hong Kong, with particular expertise in voice and airway disorders. His specialized practice focuses on the comprehensive management of vocal cord pathology and thyroid surgery.

LOCAL FACULTY

BIOGRAPHY

Chi Man Ngai

Dr Ngai graduated from the University of Hong Kong and underwent specialist training in Otorhinolaryngology in Queen Elizabeth Hospital. With the establishment of the Hong Kong Hospital Authority (HA) and the clustering of public hospitals, he was promoted to help in the establishment of the Department of Otorhinolaryngology-Head & Neck Surgery (ORL-HNS) in the Kowloon West Cluster in 1994. He later became the Chief of Service who led the ORL-HNS services of the largest cluster in Hong Kong. He has had vast experiences in administrative works, which include deputizing Hospital Chief Executive, and being the chairman and members of various committees in HA Head Office. In the past 2 decades, he has been actively engaged in the educational activities of the Hong Kong College of Otorhinolaryngologists (HKCORL). He has organized various academic activities for all ORL specialists in Hong Kong. Moreover, he updated the ORL specialist training curriculum and initiated a structured training program for all trainees in Hong Kong. He established and consolidated the post-fellowship training programs in the subspecialty of Head & Neck Surgery and Facial Plastic Surgery. Dr. Ngai is an experienced examiner and Quality Assurance assessor of various professional examinations, including Membership examination and Fellowship examination. He is the President of the HKCORL for two consecutive terms from 2021 to 2025.

Nikie Sun

Dr. Nikie Sun graduated from The Chinese University of Hong Kong, where she attained her medical degree. She was inducted as a Fellow of the Hong Kong College of Otorhinolaryngologists in 2021. Notable accolades during her training include being awarded the College Medal for Best Trainee Research Presentation Competition and receiving the prestigious Thomas Cheung Education Fund Scholarship.

Currently serving as Associate Consultant at Queen Mary Hospital and holding the esteemed position of Honorary Clinical Assistant Professor in the Department of Surgery at The University of Hong Kong, Dr. Sun brings a wealth of experience and expertise to her practice.

Having successfully finished the post-Fellowship training program in head and neck surgery, Dr. Sun has developed a keen interest in subspecializing in head and neck surgery as well as laryngology.

Dora Tai

Dr. Dora Tai is an accomplished endocrine surgeon serving as Consultant in general surgery at Queen Elizabeth Hospital. She has undertaken Visiting Fellowships in transoral endoscopic thyroidectomy and transoral robotic thyroidectomy in Bangkok, Thailand, and Seoul, Korea, contributing to her expertise in these advanced surgical techniques. Dr. Tai has authored multiple papers focusing on this specialized area, showcasing her dedication to advancing knowledge in the field. With a special interest in remote access thyroidectomy and radiofrequency ablation of thyroid nodules.

In addition to her clinical practice, Dr. Tai holds the esteemed position of President of the Hong Kong Thyroid Society and serves as an Honorary Clinical Assistant Professor for the Department of Surgery at The Chinese University of Hong Kong as well as The University of Hong Kong.

Stephanie Wong

Professor Stephanie Wong graduated from The Chinese University of Hong Kong in 2010 and completed her otolaryngology training in the New Territories West Cluster of the Hospital Authority. She obtained her specialist qualification in otolaryngology and was awarded the Fellowship of the Royal College of Surgeons of Edinburgh (FRCSEd) in 2018, sub-specializing in head and neck surgery to further refine her expertise in this surgical field.

Currently, Professor Wong is Clinical Assistant Professor in the Department of Surgery, School of Clinical Medicine, LKS Faculty of Medicine at The University of Hong Kong. She also holds the position of Honorary Associate Consultant in both the Department of Surgery and the Department of Ear, Nose, and Throat (ENT) at Queen Mary Hospital.

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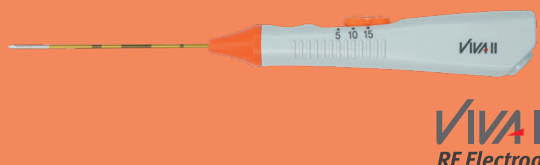

VIVA II RF Electrode

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star RF Electrode Bipolar

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star RF Electrode_Uni-faced

VIVA RF Generator

[Reference]

1. So Lyung Jung. Efficacy and Safety of Radiofrequency Ablation for Benign Thyroid Nodules: A Prospective Multicenter Study. Korean J Radiol. 2018;19(1):167-174.

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(1) Haugen et al., 2015 American Thyroid Association Management guidelines for adult patients. Thyroid, 2016
(2) Gonzalez et al., A 10-Gene Classifier for Indeterminate Thyroid Nodules: Development and Multicenter Accuracy Study. Thyroid, 2017
(3) Zafereo et al., A Thyroid Genetic Classifier Correctly Predicts Benign Nodules with Indeterminate Cytology: Two Independent, Multicenter, Prospective Validation Trials. Thyroid, 2020
(4) Olmos et al., ThyroidPrint®: clinical utility for indeterminate thyroid cytology. End Rel Cancer, 2023

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References: 1. Juel-Berg N et al. Am J Rhinol Allergy 2017;31-19-28. 2. IQVIA Sales Data (GP Channel) in class R01A1 (NASAL CORTIC W/O ANTI-INF), 2015-2024. 3. HKAPI Sales Data (Private) in class R1A (Topical Nasal Preparations), 2009-2014.

Safety Information: AVAMYS is contraindicated in patients with a history of hypersensitivity to any components of the preparations. As with all intranasal corticosteroids, the total systemic burden of corticosteroids should be considered whenever other forms of corticosteroids are prescribed concurrently. Infection of the nasal airways should be appropriately treated but does not constitute a contraindication to treatment with AVAMYS. Nasopharyngeal candidiasis can occur in patients treated with intranasal steroids, as a class effect. The lowest dose of AVAMYS that causes suppression of the HPA axis, effects on bone mineral density or growth retardation has not yet been established. However, the systemic bioavailability of fluticasone furoate is low (estimated at 0.50%) when given as AVAMYS and this limits the potential for systemic side effects. As with other intranasal corticosteroids, physicians should be alert for evidence of systemic effects including ocular changes. Growth retardation has been reported in children receiving some nasal corticosteroids at licensed doses. It is recommended that the height of children receiving prolonged treatment with nasal corticosteroids is regularly monitored. No clinical studies have been conducted to investigate interactions of fluticasone furoate on other drugs. Based on data with another glucocorticoid metabolised by CYP3A4, co-administration with ritonavir is not recommended because of the potential risk of increased systemic exposure to fluticasone furoate. Adverse Reactions: Very common; epistaxis and nasopharyngitis, Common; nasal ulceration and headache.

PM-HK-FLF-PSTR-250007 (02/2027) Date of preparation: 24/03/2025

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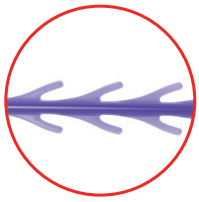
Multiple anchor designs and patterns provide more security, consistency, and efficiency than traditional sutures[1-10]

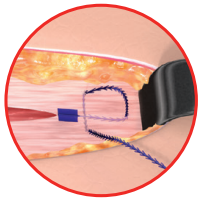
STRATAFIX™ Symmetric PDS™ Plus Knotless Tissue Control Device

The **only** barbed suture appropriate for high-tension areas, such as **fascia**.[11,12]†

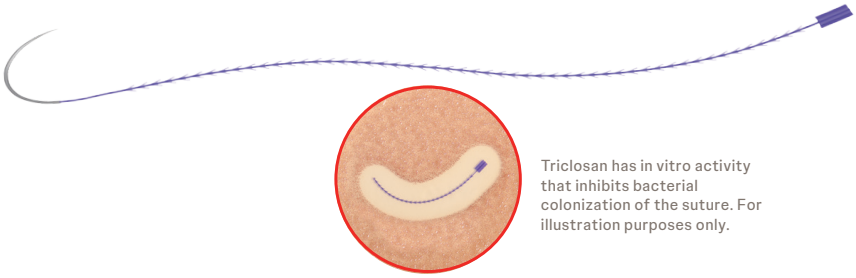
Symmetric:



Pressed **symmetrical anchors** maintain the core of the device[6]



Superior tissue-holding strength compared to interrupted technique with Coated VICRYL™ (polyglactin 910) Suture, continuous technique with PDS™ Plus Antibacterial (polydioxanone) Suture, and V-LOC™ 180 Wound Closure Device[6†§]



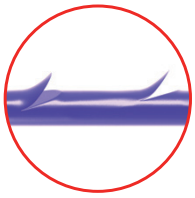
Triclosan has in vitro activity that inhibits bacterial colonization of the suture. For illustration purposes only.

STRATAFIX Symmetric PDS Plus Device offers **Plus Antibacterial Technology**, shown in vitro to inhibit bacterial colonization of the suture for 11 days or more[13‖]

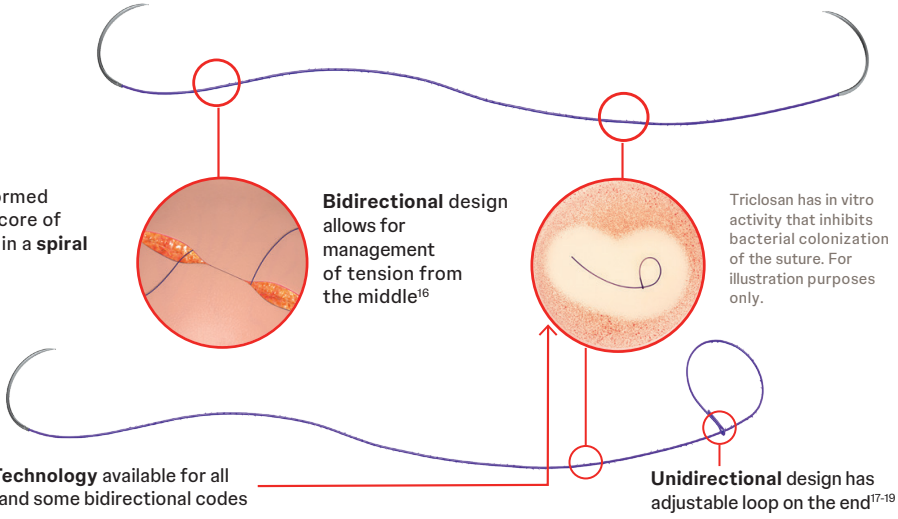
STRATAFIX™ Spiral Plus Knotless Tissue Control Device

A broad range of **unidirectional** and **bidirectional** devices offers the **smooth glide** of a traditional suture[1-7,14,15]

Spiral (unidirectional and bidirectional):



Anchors formed within the core of the device in a **spiral** pattern[15]



Bidirectional design allows for management of tension from the middle[16]

Triclosan has in vitro activity that inhibits bacterial colonization of the suture. For illustration purposes only.

Plus Antibacterial Technology available for all unidirectional codes and some bidirectional codes

Unidirectional design has adjustable loop on the end[17-19]

†Refers to STRATAFIX™ Symmetric PDS™ Plus Knotless Tissue Control Device only.
§Superior to VICRYL™ and PDS™ II in porcine tissue at time zero in fascia. Superior to V-LOC™ in subcutaneous tissue.
‖Staphylococcus aureus, Staphylococcus epidermidis, methicillin-resistant S. aureus (MRSA), methicillin-resistant S. epidermidis (MRSE), Escherichia coli, Klebsiella pneumoniae.

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50% reduction in **nasal congestion**[1,a]

83% fewer patients required **surgery or revision surgery**[1]

74% fewer patients required **systemic steroids**[1]

>2 point improvement in **polyp burden**[1,b]

2 out of 3 patients were able to **smell again**[1,2,c]

[a] **-1.35 improvement at Week 52** (compared to a baseline score of 2.48) vs **-0.37 improvement** with placebo (compared to a baseline score of 2.38) (LSM difference: -0.98 [95% CI: -1.17,-0.79]). **-1.25 improvement at Week 24** (primary endpoint) from a baseline score of 2.46 with DUPIXENT 300 mg Q2W + INCS (n=295, pooled DUPIXENT arms) vs **-0.38 improvement** from a baseline score of 2.38 with placebo + INCS (n=153) (LSM difference: -0.87 [95% CI: -1.03, -0.71]).[1]

[b] **-2.24 from a baseline score of 6.07** (secondary endpoint) with DUPIXENT 300 mg Q2W + INCS (n=150) vs **3% worsening** with placebo + INCS (n=153) (0.15 from a baseline score of 5.96) (LSM difference: -2.40 [95% CI: -2.77, -2.02]). **-1.71 improvement at Week 24** (primary endpoint) from a baseline score of 6.18 with DUPIXENT 300 mg Q2W + INCS (n=295, pooled DUPIXENT arms) vs **0.10 worsening** from a baseline score of 5.96 with placebo + INCS (n=153) (LSM difference: -1.80 [95% CI: -2.10, -1.51]).[1]

[c] **Anosmia,** UPSIT score ≤ 18: **79%** (n=228/287) of patients in the pooled arm taking DUPIXENT 300 mg Q2W + INCS had anosmia at baseline, which was reduced to **30%** (n=84/280) as per UPSIT score at Week 24.

CRS, chronic rhinosinusitis; **INCS**, intranasal corticosteroids; **LSM**, least squares mean; **Q2W**, once every 2 weeks; **UPSIT**, University of Pennsylvania Smell Identification Test.

References: 1. DUPIXENT® 300mg Pre-filled Syringe Hong Kong Prescribing Information. 2. Bachert C, et al. Lancet. 2019 Nov 2;394(10209):1638-1650. 3. Gandhi NA, et al. Nat Rev Drug Discov. 2016 Jan;15(1):35-50. 4. Schleimer RP. Annu Rev Pathol. 2017 Jan 24;12:331-357.

Presentation: Dupilumab solution for injection in a pre-filled syringe with needle shield. **Indications:** *Atopic Dermatitis (AD):* Moderate-to-severe AD in adults and adolescents ≥12 years who are candidates for systemic therapy; severe atopic dermatitis in children 6 months to 11 years old who are candidates for systemic therapy. *Asthma:* In adults and adolescents ≥12 years as add-on maintenance treatment for severe asthma with type 2 inflammation characterised by raised blood eosinophils and/or raised FeNO, who are inadequately controlled with high dose ICS plus another medicinal product for maintenance treatment. In children 6 to 11 years old as add-on maintenance treatment for severe asthma with type 2 inflammation characterised by raised blood eosinophils and/or raised FeNO, who are inadequately controlled with medium to high dose ICS plus another medicinal product for maintenance treatment. For 300 mg only – *Chronic rhinosinusitis with nasal polyposis (CRSwNP):* As an add-on therapy with intranasal corticosteroids for the treatment of adults with severe CRSwNP for whom therapy with systemic corticosteroids and/or surgery do not provide adequate disease control. *Prurigo Nodularis (PN):* Moderate-to-severe PN in adults who are candidates for systemic therapy. *Eosinophilic esophagitis (EoE):* In adults and adolescents ≥12 years, weighing ≥40 kg, who are inadequately controlled by, are intolerant to, or who are not candidates for conventional medicinal therapy. **Dosage & Administration:** Subcutaneous injection. *AD adults:* Initial dose of 600 mg (two 300 mg injections), followed by 300 mg Q2W. *AD adolescents (12-17y/o):* Body weight <60 kg- initial dose of 400 mg (two 200 mg injections), followed by 200 mg Q2W. Body weight ≥60 kg- same dosage as adults. *AD children (6-11y/o):* Body weight 15kg~<60 kg- initial dose of 300 mg on Day 1 follow by 300 mg on Day 15, then 300mg Q4W. Body weight ≥60 kg- same dosage as adults. * The dose may be increased to 200 mg Q2W in patients with body weight of 15 kg~< 60 kg based on physician's assessment. *AD children (6 months-5y/o):* Body weight 5kg~<15 kg- initial dose of 200 mg, then 200 mg Q4W. Body weight 15kg~<30 kg- initial dose of 300 mg, then 300 mg Q4W. Dupilumab can be used with or without topical corticosteroids. Topical calcineurin inhibitors may be used, but should be reserved for problem areas only, e.g. face, neck, intertriginous and genital areas. Consider discontinuing treatment in patients who have shown no response after 16 weeks. *Asthma adults and adolescents:* Initial dose of 400 mg, followed by 200 mg Q2W. For patients with severe asthma and on oral corticosteroids or with severe asthma and co-morbid moderate-to-severe AD or adults with co-morbid severe CRSwNP- initial dose of 600 mg, followed by 300 mg Q2W. *Asthma children (6-11y/o):* Body weight 15kg~<30 kg- 300 mg Q4W. Body weight 30kg~<60 kg- 200 mg Q2W; or 300 mg Q4W. Body weight ≥60 kg- 200 mg Q2W. For paediatric patients (6-11y/o) with asthma and co-morbid severe atopic dermatitis, as per approved indication, the recommended dose should follow AD children (6-11y/o). Patients receiving concomitant oral corticosteroids may reduce steroid dose gradually once clinical improvement with dupilumab has occurred. The need for continued dupilumab therapy should be considered at least annually as determined by a physician. *CRSwNP:* Initial dose of 300 mg, followed by 300 mg Q2W. Consider discontinuing treatment in patients who have shown no response after 24 weeks. *PN:* Initial dose of 600 mg (two 300 mg injections), followed by 300 mg Q2W. Dupilumab can be used with or without topical corticosteroids. Consider discontinuing treatment in patients who have shown no response after 24 weeks. *EoE:* 300 mg QW. Dupilumab 300 mg QW has not been studied in patients with EoE weighing <40 kg. Dosing beyond 52 weeks has not been studied. *For Missed dose instructions, please refer to the full prescribing information.* **Contraindications:** Hypersensitivity to dupilumab or any of the excipients. **Precautions:** Not be used to treat acute asthma symptoms, acute exacerbations, acute bronchospasm or status asthmaticus. Do not discontinue corticosteroids abruptly upon start of dupilumab. Reduction should be gradual and performed under supervision of a physician; it may be associated with systemic withdrawal symptoms and/or unmask conditions previously suppressed by systemic corticosteroid therapy. Biomarkers of type 2 inflammation may be suppressed by systemic corticosteroid use. If systemic hypersensitivity reaction occurs, discontinue dupilumab and initiate appropriate therapy. Be alert to vasculitic rash, worsening pulmonary symptoms, cardiac complications, and/or neuropathy presenting in patients with eosinophilia. Treat pre-existing helminth infections before initiating dupilumab. If patients become infected while receiving dupilumab and do not respond to anti-helminth treatment, discontinue dupilumab until infection resolves. Cases of enterobiasis were reported in children 6 to 11 years old in the paediatric asthma development program. Advise patients to promptly report new onset or worsening eye symptoms. Patients who develop conjunctivitis, dry eye and keratitis that does not resolve following standard treatment should undergo ophthalmological examination. Sudden changes in vision or significant eye pain that does not settle warrant urgent review. Patients with comorbid asthma should not adjust or stop asthma treatments without consultation with physicians. Carefully monitor patients after discontinuation of dupilumab. Avoid using live and live attenuated vaccines concurrently with dupilumab. Patients should be brought up to date with immunisations before starting dupilumab. **Drug Interactions:** Immune responses to TdaP vaccine and meningococcal polysaccharide vaccine were assessed. Patients receiving dupilumab may receive concurrent inactivated or non-live vaccinations. **Pregnancy and lactation:** Should be used during pregnancy only if potential benefit justifies potential risk to foetus. Unknown whether dupilumab is excreted in human milk or absorbed systemically after ingestion. Decision must be made whether to discontinue breast-feeding or dupilumab taking into account benefit of breast feeding for the child and benefit of therapy for the woman. **Undesirable effects:** Most common adverse reactions reported- injection site reactions, conjunctivitis, conjunctivitis allergic, arthralgia, oral herpes, eosinophilia and injection site bruising. Safety profile observed in adolescents and children 6 months to 11 years old consistent with that seen in adults. *For other undesirable effects, please refer to the full prescribing information.* **Preparation**: 2 x 300mg/2ml in pre-filled syringe with needle shield, 2 x 200mg/1.14ml in pre-filled syringe with needle shield. **Legal Classification:** Part 1, First & Third Schedules Poison ***Full prescribing information is available upon request.***

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REFERENCES: 1. Turnbull RS. J Can Dent Assoc. 1995 Feb;61(2):127- 34. **2.** Schoenwald RD, et al. Int J Tissue React. 1987;9(2):93-7. **3.** Simard-Savoie S, Forest D. Curr Ther Res 1978;23:734-745.

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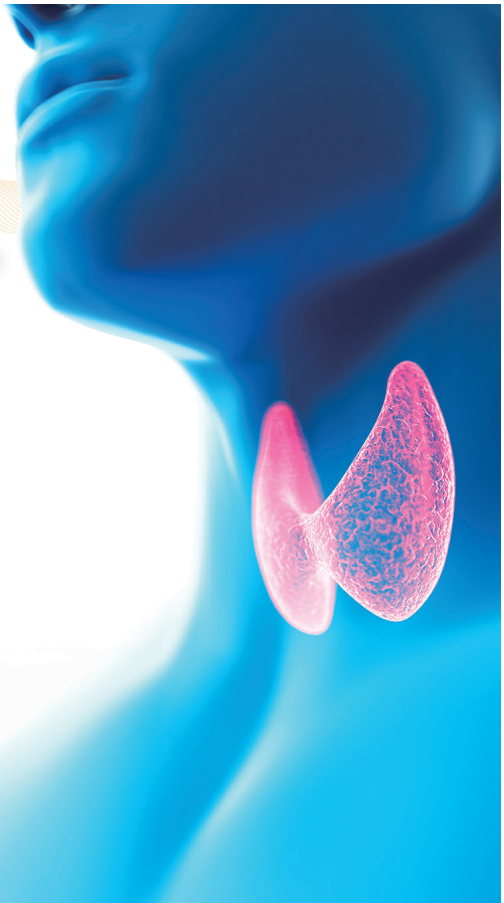

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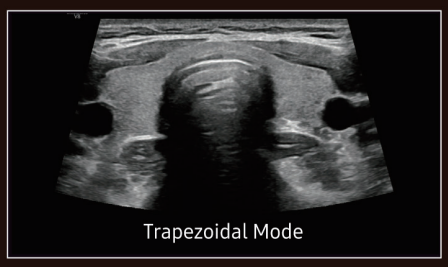
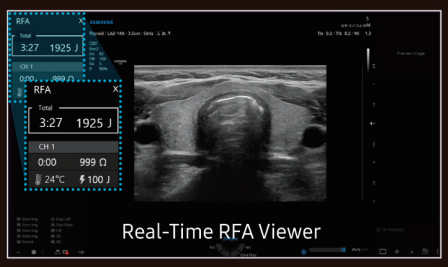


Trapezoidal Mode

Trapezoidal Mode can include all the structures around the thyroid gland, so it is useful for use as a pre-RFA Scout view.



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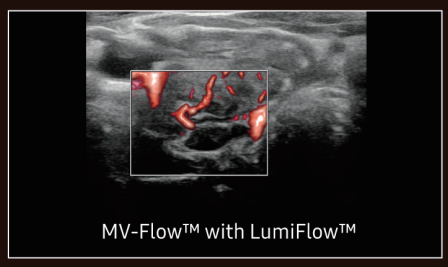
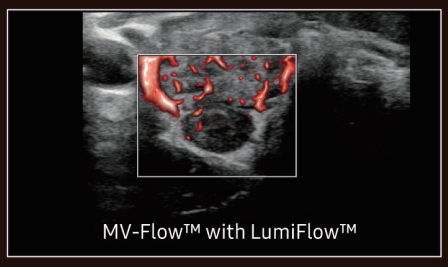
Real-Time RFA Viewer provides convenience to the operator by providing ultrasound images simultaneously in real time. It support physicians to concentrate on their operation, enables more safe and precise surgical procedure.



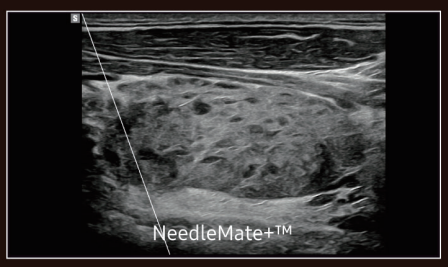
MV-Flow™ with LumiFlow™

MV-Flow™ enables to detect a micro and slow flow, which aids to locate residual lesions after the RFA procedure.



MV-Flow™ with LumiFlow™

MV-Flow™ enables to depict the lesion's microvascular flow with greater details as well as supporting the detection of the lesion's location in advance.



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NeedleMate+™ can enhance a needle tip, support an accurate procedure such as ridocane injection close to the lesion in advance to the RFA procedure.

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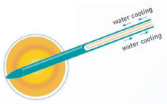

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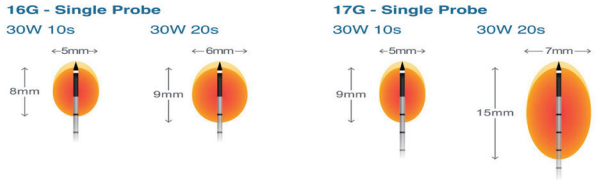
Ex Vivo Porcine Liver Ablation Data



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