APHRS Fellowship Training Centre

Name of Training Centre	Queen Mary Hospital. The University of Hong Kong
Short Introduction	Queen Mary Hospital (QMH), the primary teaching hospital for the University of Hong Kong, offers a comprehensive training environment for fellows pursuing a career in Cardiac Electrophysiology and Device Therapy. Our unit serves as a high-volume tertiary referral center, providing trainees with exposure to a wide clinical spectrum, from routine supraventricular cases to the most complex structural and congenital rhythm disorders. The Interventional Suite: Ablation & Mapping Our EP laboratory is equipped to handle the full breadth of catheter-based interventions. Trainees will gain hands-on experience and clinical insights into: Complex Atrial Arrhythmias: High-volume management of Atrial Fibrillation (AF), Atrial Flutter, and Atrial Tachycardia (AT). We are an early adopter of Pulsed Field Ablation (PFA), allowing fellows to learn this emerging non-thermal modality alongside established Radiofrequency (RF) techniques. Ventricular & Structural Care: Advanced ablation strategies for Ventricular Tachycardia (VT) and Premature Ventricular Contractions (PVC). Congenital Heart Disease (CHD): Given our role as a regional referral hub, fellows will participate in complex ablations for patients with adult congenital heart disease, requiring a deep understanding of distorted cardiac anatomy and unconventional mapping. Pioneering Pacing and Device Therapy QMH is dedicated to the philosophy of physiological pacing. Trainees will work with internationally accredited EP and device operators to master the implantation and management of: Conduction System Pacing (CSP): We emphasize Left Bundle Branch Pacing (LBBP) and Bachmann's bundle pacing as primary strategies to preserve ventricular function.

	Advanced Hardware: Training covers the spectrum of PPM, ICD, CRT-D, and Subcutaneous ICD (S-ICD) systems. Leadless Technology: Experience in the selection and implantation of leadless pacemaker systems for specialized patient cohorts. Academic Integration and Clinical Trials We believe that the best clinical training is rooted in active research. Our department is heavily involved in international clinical trials, specifically focusing on the evolution of PFA and the long-term outcomes of conduction system pacing. As a trainee, you will be encouraged to engage with these studies, helping to contribute to the global body of EP knowledge while refining your own clinical judgment. At Queen Mary Hospital, our goal is to provide a supportive yet rigorous environment where the next generation of electrophysiologists can develop the technical precision and academic curiosity required for a successful career in this rapidly advancing field.
Official Website of Training Centre	https://www.med.hku.hk/en/
Country & City	Hong Kong SAR, China
Contact Person & Email	Ngan, Ho Ting Abe nhtabe@gmail.com
Field of Expertise *(EP, CIED)*	Atrial tachycardia/flutter/fibrillation ablation (with both RF and PFA) Ventricular tachycardia ablation Atrial and ventricular arrhythmias in congenital heart disease Supraventricular Tachycardia Premature ventricular complex Atrial and ventricular conduction system pacing Conduction system ICD/CRTD – including LOT-CRT Subcutaneous ICD Leadless pacemaker
Number of Procedures per Year	**Ablations:** about 200
	Device Implantations: about 350

Products / Systems Used *(e.g., Carto, Ensite, PFA, etc.)*	Carto Varipulse/STSF dual energy/Optrell Boston Farapulse Medtronic affera sphere 9 Microport PFA
Specific Procedures Offered *(Procedures participants can expect in addition to the usual ones, e.g., CSP, SCID/EVICD)*	CSP/LOT-CRT SICD ACHD EP Complex AF/atrial tachycardia ablation
List of Electrophysiologists *(Please list in bullet points for clarity)*	- Tse, Hung Fat - Ngan, Ho Ting Abe
Available Training Duration *(Please tick where applicable)*	☑ Long Term: 1 Year
	☐ Short Term: 2 Weeks
	☐ Short Term: 1 Month
	☐ Short Term: 3 Months