

## APHRS-Certified Fellowship Training Centre

<b>Name of Training Centre</b>	Yonsei Electrophysiology Laboratory, Yonsei University Health System (Severance Hospital)
<b>Short Introduction</b>	Yonsei Electrophysiology Laboratory at Yonsei University Health System (Severance Hospital) is a high-volume tertiary referral centre in Seoul, Republic of Korea, providing comprehensive training in clinical electrophysiology (EP) and cardiac implantable electronic device (CIED) therapy. Fellows gain exposure to diagnostic EP studies and catheter ablation for SVT, atrial flutter/atrial tachycardia, atrial fibrillation (including complex and redo cases), and ventricular arrhythmias, supported by contemporary 3D mapping and intracardiac echocardiography. CIED training includes pacemakers, ICD, CRT, and conduction system pacing, with longitudinal follow-up in dedicated device clinics. The program is embedded in an academic environment with active clinical and translational research and opportunities for publications and conference presentations.
<b>Official Website of Training Centre</b>	<a href="https://yuhs.severance.healthcare/yuhs-en/index.do">https://yuhs.severance.healthcare/yuhs-en/index.do</a>
<b>Country &amp; City</b>	Republic of Korea (South Korea) – Seoul
<b>Contact Person &amp; Email</b>	EP Fellowship Coordinator (Yonsei EP Lab): Hui-Nam Pak, MD, PhD, <a href="mailto:HNPAK@yuhs.ac">HNPAK@yuhs.ac</a>
<b>Field of Expertise (EP, CIED)</b>	<p><b>Comprehensive clinical electrophysiology and ablation:</b> diagnostic EPS and RF catheter ablation (RFCA), including 3D electroanatomic mapping-guided procedures; AF ablation using radiofrequency, cryoballoon, and pulsed field ablation (PFA); PVC and VT ablation; endocardial and epicardial mapping/ablation; and exposure to ablation in congenital heart disease and pediatric populations.</p> <p><b>Comprehensive CIED and related interventions:</b> conventional pacemakers, leadless pacemakers, conduction system pacing (His-bundle/LBBAP), CRT, ICD and S-ICD, implantable loop recorders (ILR), pacemaker and lead extraction, and left atrial appendage occlusion (LAAO).</p>
<b>Number of Procedures per Year</b>	<p>Ablations: 2,000</p> <p>Device Implantations: 800~900</p>

<p><b>Products / Systems Used</b> (e.g., Carto, Ensite, PFA, etc.)</p>	<p><b>3D mapping systems:</b> CARTO, EnSite NavX  <b>Radiofrequency ablation:</b> Q-Dot, Tactiflex  <b>Cryoballoon:</b> Medtronic  <b>Pulsed field ablation (PFA) systems:</b> FARAPULSE™ (Boston Scientific), VARIPULSE™ (Johnson &amp; Johnson), PulseSelect™ (Medtronic)</p>
<p><b>Specific Procedures Offered</b> (Procedures participants can expect in addition to the usual ones, e.g., CSP, SCID/EVICD)</p>	<ul style="list-style-type: none"> <li>• Zero-fluoro AF ablation; post-Maze and multiple redo (3rd–5th) procedures (redo/trido/quadrado/pentado) using RF.</li> <li>• Complex transseptal puncture in patients with septal interventions (e.g., ASD/PFO occluder devices)</li> <li>• Epicardial mapping/ablation (selected VT cases)</li> <li>• Complex VT/PVC ablation, including RVOT PVC/VT, LV summit VT, crux VT, papillary muscle VT, and idiopathic left VT (ILVT); substrate-based strategies when applicable</li> <li>• Conduction system pacing (His-bundle pacing, LBBAP), including LBBP-optimized CRT (LOT-CRT)</li> <li>• Leadless pacemaker implantation (MICRA, AVEIR)</li> <li>• ICD/S-ICD implantation</li> <li>• CRT implantation and optimization</li> <li>• Lead extraction (PM/ICD leads)</li> <li>• Pulsed field ablation (PFA) for AF</li> <li>• Congenital heart disease and pediatric patients</li> <li>• Left atrial appendage occluder (LAAO)</li> </ul>
<p><b>List of Electrophysiologists</b></p>	<ul style="list-style-type: none"> <li>• Hui-Nam Pak, MD, PhD</li> <li>• Boyoung Joung, MD, PhD</li> <li>• Jae-Sun Uhm, MD, PhD</li> <li>• Tae-Hoon Kim, MD, PhD</li> <li>• Hee Tae Yu, MD, PhD</li> <li>• Daehoon Kim, MD, PhD</li> <li>• Hanjin Park, MD, PhD</li> <li>• Taehyun Hwang, MD, PhD</li> </ul>
<p><b>Available Training Duration</b></p>	<p><input checked="" type="checkbox"/> Long Term: 1 Year</p> <p><input checked="" type="checkbox"/> Short Term: 2 Weeks</p> <p><input checked="" type="checkbox"/> Short Term: 1 Month</p> <p><input checked="" type="checkbox"/> Short Term: 3 Months</p>