

ELECTROPHYSIOLOGY AND ARRHYTHMIA SERVICES AT UW MEDICAL CENTER



The UW Electrophysiology Service (EP Service) provides the most state-of-the-art heart rhythm care for patients throughout the Pacific Northwest. For more than 30 years, the EP Service has been dedicated to excellence in clinical care, advanced training, and research into innovative therapies for heart rhythm disorders. Our electrophysiologists are caring providers, skilled proceduralists and productive investigators who work with a large, exceptionally dedicated team of critical care nurses, nurse practitioners, and physician assistants to ensure the highest quality and safest patient care.

The physicians include nationally recognized experts in atrial fibrillation ablation, MRI imaging for arrhythmias, ventricular tachycardia ablation, ICDs including the subcutaneous ICD, prevention of sudden cardiac death, cardiac device infections including lead extraction, and arrhythmias in athletes. Through research protocols and FDA-approved therapies, we offer access to the newest technologies that frequently aren't available elsewhere in the Northwest, like the Watchman device for atrial fibrillation.

Our patients are treated compassionately in a collaborative setting, with a multidisciplinary team that includes experts in heart failure, cardiac transplant, cardiac surgery, cardiac anesthesia, infectious disease, cardiac imaging, structural heart disease, interventional cardiology, hypertrophic cardiomyopathy, and congenital heart disease.

The EP Service evaluates and treats these conditions, through a combination of medical and procedural based therapies:

- Atrial fibrillation and atrial flutter
- Ventricular tachycardia and premature ventricular contractions (PVCs)
- Sudden cardiac arrest (SCA)
- Supraventricular tachycardia including Wolff-Parkinson-White (WPW) syndrome
- Inherited genetic disorders with a risk of SCA, including Long QT syndrome, Short QT syndrome, Brugada syndrome, arrhythmogenic right ventricular cardiomyopathy, catecholaminergic polymorphic ventricular tachycardia (CPVT), and hypertrophic cardiomyopathy (HCM)
- Patients needing cardiac implantable electronic devices, including pacemakers, implantable cardiac defibrillators (ICD) including the subcutaneous ICD, biventricular pacemakers/ defibrillators and implantable loop recorders
- Slow heart rates, or bradycardia
- Arrhythmias associated with congenital heart disease
- Arrhythmias during pregnancy
- Arrhythmias in athletes
- Outpatient monitoring of pacemakers and ICDs with a dedicated device clinic and remote monitoring of device capabilities

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Contact information

Appointments: UW Medicine Contact Center, 206.520.5000

Referrals: 866.UWHEART (866.894.3278) Fax: 206.598.7451

Transfers: 888.731.4791 Physician Liaison: 206.598.3473

Patients can contact the Regional Heart Center at UWMC: 206-598-4300

Our electrophysiology labs combine the newest equipment and techniques in a caring environment. In addition to two dedicated EP labs, we also perform procedures in our state-of-the-art Hybrid Operating Room and assist with surgical arrhythmia management.

Frequently performed procedures include:

- Atrial fibrillation ablation with radiofrequency or cryoballoon
- Ventricular tachycardia and PVC ablation including the epicardial approach
- Supraventricular tachycardia and Wolff-Parkinson-White ablation
- Atrial flutter ablation
- Watchman and Lariat left atrial appendage occluders
- Diagnostic EP studies
- Pacemakers
- ICDs, including subcutaneous ICDs
- Biventricular devices
- Implantable Loop Recorders
- Laser lead extraction

Electrophysiology Referrals

The EP service is committed to providing exceptional clinical care to arrhythmia patients. Our team is dedicated to communicating with patients and their physicians, enhancing transfer of care back to the referring physician, when appropriate. To refer a patient, call 1-866-UWHEART (894-3278); fax 206-598-7451. Patients can contact the Regional Heart Center at UWMC at 206-598-4300.

Physician Liaison

If you have any other questions or need further information, you may also contact the Regional Heart Center Physician Liaison, Laura Matheson, at mathla@uw.edu or 206.598.3473.