Seton is proud to offer your cardiac patients highly specialized treatment for their rhythm disorders. At the Arrhythmia Center, our goal is to provide excellent patient care through education, expertise and innovation.
MEET THE CARDIAC ELECTROPHYSIOLOGY TEAM OF SETON HEART INSTITUTE

Kristopher Heinzman, MD
Dr. Heinzman trained at UT Southwestern in Dallas before moving to Austin four years ago. He works for Seton and is actively involved in the development of Dell Seton Medical School. Dr. Heinzman is currently the director of cardiac electrophysiology for Seton.

Mauricio Hong, MD
Dr. Hong completed cardiology training at UTHSC San Antonio, Clinical Cardiac Electrophysiology at Case Western Reserve University and completed advanced electrophysiology training at University of Toronto. He recently moved to Austin to practice in this vibrant community and teach at Dell Seton Medical Center at The University of Texas.

Thomas “Bobby” Kurian, MD
Dr. Kurian recently moved to Austin with his wife and four kids. He trained at UT Southwestern for Internal Medicine and completed his Cardiology and Cardiac Electrophysiology training at Washington University/BJH in St. Louis, MO. His expertise is in cardiac electrophysiology and biotechnology.

Stephanie Targac, APN
Stephanie earned both her Bachelor’s and Master of Science in Nursing degrees from The University of Texas at Austin. She has more than eight years of experience caring for patients with cardiac conditions. Stephanie serves as a board member for the Austin Advanced Practice Nurses, a group of local advanced practice providers involved in both professional and community education and outreach initiatives. She is fluent in both English and Spanish.

To refer a patient, call (512) 324-3440 and specify EP referral. Learn more at Seton.net/HeartRefer
OUR SPECIALISTS MANAGE AND TREAT THE FOLLOWING HEART RHYTHM DISORDERS:

**Atrial Fibrillation (AF)**
- Pulmonary vein isolation with Radio-Frequency Ablation for symptomatic PAF
  - Class I indication for treatment of PAF after failed one anti-arrhythmic drug
  - Class IIa indication if persistent symptomatic AF or PAF without a trial of anti-arrhythmic drugs
- Alternative therapies for stroke prevention for patients with AF
  - LA occluder device therapy / Watchman device - coming soon

**Supraventricular Tachycardia (SVT)**
- Class I indication for catheter ablation as definitive treatment for AVNRT, Wolf Parkinson White Syndrome, typical counter-clockwise atrial flutter and atrial tachycardia

COMPREHENSIVE MANAGEMENT OF HEART ARRHYTHMIAS INCLUDES:

**Clinical Management**
- Atrial Arrhythmias
  - Atrial Fibrillation (AF)
    - Atrial flutter
    - Supraventricular tachycardia
      - AVNRT
      - Atrial tachycardia
      - Accessory pathways
  - Ventricular Arrhythmias
    - Ventricular tachycardia (VT)
      - Scar mediated (VT) (patients with MI, heart failure)
      - Idiopathic VT (typically patients with normal hearts)
      - Premature Ventricular Contractions (PVC)
Device Implantation and Management

- Pacemaker/ICD implantation
- Bi V PM/ICD implantation
- MRI compatible devices and MRI scanning capabilities
- Remote monitoring for pacemakers/ICDs
- LA appendage closure devices
  - Watchman device coming soon

EP Outreach, Education and Telemedicine

- Currently providing services at Seton Medical Center Austin, Seton Medical Center Williamson and Seton Medical Center Hays
- Access to board-certified cardiac electrophysiologist to assist with questions in regards to rhythm disorders
- Opportunities for physicians to earn CME credits online in atrial fibrillation management and associated rhythm disorders (coming soon)

Clinical Research Protocols

- Multiple ongoing clinical trials
OVERVIEW OF SVT MANAGEMENT

Clinical History of Palpitations
12 lead EKG in Normal Sinus Rhythm

Pre-excitation (WPW) on 12 lead EKG?

YES

Suspect Orthodromic Reentrant Tachycardia (ORT) or Anti-dromic Reentrant Tachycardia (ART)

Referral to Seton Electrophysiology Services for further evaluation
Consult line: (512) 324-3440 (specify EP)

NO

Assess Arrhythmia pattern by clinical history, EKG, holter

History of syncope?

YES

Documented SVT by EKG or holter?

YES

• Looping event monitor to further define etiology
• If symptoms strongly suggest SVT without documentation then consider Seton EP evaluation for possible EP study or Implantable Loop Recorder

NO

NO
New onset/diagnosis of AF

Clinical History
Documented AF by 12 lead EKG or Holter, Obtain Echo, Blood Tests (TSH, Chem 10, LFTs) OSA? → sleep study
Risk factor modification
- Diet/Exercise/Weight Loss
- BP control
- Glycemic control

Rate Control Strategy
Consider rate control first for patients:
- Asymptomatic (paroxysmal, persistent)
- Older, frail patients
- Anti-arrhythmic drugs unsuitable
- Cardio version unsuitable

Initiate Anticoagulation based on ChadsVasc2

Unable to tolerate oral anticoagulation but high stroke risk ChadsVasc2?

Rhythm Control Strategy
Consider rhythm control first for patients:
- Symptomatic with AF (paroxysmal, persistent)
- Younger
- With heart failure

Rate Control Strategy
Prescribe nodal blocking agents (Beta-blocker or Calcium Channel Blocker) if further rate control needed, add Digoxin

Rhythm Control Strategy (guided by Seton Heart Institute)
- Initiation of anti-arrhythmic drugs
- Consideration for Pulmonary Vein Isolation Ablation

Difficulty with rate control or tolerating nodal blocking agents?
- Possible Bi V Pacemaker and AV node ablation

Referral to Seton Heart Institute Arrhythmia Center for further evaluation
At Seton, our goal is to provide the best care possible with the dignity and respect that everyone deserves.

Welcome to Humancare.

Seton Heart Institute

Medical Park Tower
1301 West 38th St., Suite 400
Austin, Texas 78705
(512) 324-3440

Seton Williamson Medical Plaza I
301 Seton Parkway, Suite 302
Round Rock, Texas 78665
(512) 324-4812

Hays Medical Office Building I
1180 Seton Parkway, Suite 450
Kyle, Texas 78640
(512) 504-0860

Seton Burnet Specialty Clinic
200 CR 340A, Bldg. 4, Suite A
Burnet, Texas 78611
(512) 715-3032

Seton.net/Heart