Research Brief

The laboratory is involved in clinical research and has an international reputation in the field of atrial arrhythmias with a particular focus on catheter ablation. Dr Kistler’s team has extensive local, national and international collaborations to complete multicentre international randomised studies into ablation strategies to improve the outcome of catheter ablation for atrial fibrillation.

The lab has a strong interest in the relationship between arrhythmias and heart failure and recognising the important role of arrhythmias as a reversible cause of cardiomyopathy. There is also a strong focus on the role of cardiac MR imaging to facilitate and predict outcomes of catheter ablation.

Methodologies

- Invasive electrophysiology study in humans
- 3D cardiac mapping
- Holter monitoring
- Cardiac imaging including echocardiography and cardiac MR
- Multicentre international randomised studies
Selected Publications


