

## Education Program 2015

### Tennyson Centre Education Meeting

#### Pathology and Cardiology Review

Conducted by Dr Craig James, Foundation Partner of Adelaide Pathology and Dr Charles Tie, Interventional Cardiologist  
Tennyson Centre, 520 South Road, Kurralta Park  
2<sup>nd</sup> June 2015 : 5.30pm-6.30pm

### Adelaide Cardiology Partners Annual Clinical Review

A Comprehensive One Day Clinical Cardiology Update  
The National Wine Centre, Hackney Road, Adelaide  
17<sup>th</sup> October 2015 : 9am – 4.30pm

### ICD Patient Support Group Meeting

Dr Maria Santos presents the latest technological advances in Implantable Cardioverter Defibrillators  
Tennyson Centre, 520 South Road, Kurralta Park  
24<sup>th</sup> October 2015: 10am – 12.30pm

### To register for these events or for additional information please contact:

[www.adelaidecardiology.com.au/medical-professionals/referrer-events](http://www.adelaidecardiology.com.au/medical-professionals/referrer-events)  
E: [jbreen@adelaidecardiology.com.au](mailto:jbreen@adelaidecardiology.com.au)  
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Please visit our new website at  
[www.adelaidecardiology.com.au](http://www.adelaidecardiology.com.au)

## Our Cardiologists

Adelaide Cardiology provides an extensive range of cardiac services and subspecialties ensuring that patients have access to the complete range of cardiac care within our Practice.

**Dr Peter Steele**  
Interventional

**Dr Joseph Montarello**  
Interventional

**Dr Michael Brown**  
Interventional, Non-Invasive Cardiac Imaging (CT, MRI)

**A/Prof Glenn Young**  
Electrophysiology

**Dr Daniel Cehic**  
Electrophysiology

**Dr Peter Sage**  
Interventional

**Prof Stephen Worthley**  
Interventional, Non-Invasive Cardiac Imaging (CT, MRI)

**Dr Patrick Disney**  
Echocardiography, Adult Congenital Heart Disease

**Dr Karen Teo**  
Non-Invasive Cardiac Imaging (CT, MRI)

**Dr Julie Bradley**  
Echocardiography

**Dr Georgy Chacko**  
Interventional

**Dr Maria Santos**  
Electrophysiology

**Dr G (Srin) Srinivasan**  
Echocardiography, Non-Invasive Cardiac Imaging (MRI)

**Dr Jamie Morton**  
Echocardiography, Non-Invasive Cardiac Imaging (CT)

**Dr Luay Samaraie**  
Non-Invasive Cardiac Imaging (CT and MRI)

**Dr Charles Tie**  
Interventional

## Locations

### City & Suburbs

**St Andrew's Medical Centre:**  
Level 2, 321 South Terrace Adelaide

**Leabrook Clinic:**  
284 Kensington Road Leabrook

**Kurralta Park Clinic:**  
Tennyson Centre,  
520 South Road Kurralta Park

**Modbury Clinic:**  
71 Smart Road Modbury

**Unley Road Clinic:**  
313 Unley Road Malvern

### Regional

**Angaston Hospital:**  
29 North Street Angaston

**Bridge Clinic:**  
8 Standen Street Murray Bridge

**Broken Hill Base Hospital:**  
Thomas Street Broken Hill

**Clare Medical Centre:**  
Old North Road Clare

**Gawler Health Services:**  
21 Hutchinson Road Gawler

**Littlehampton Medical Centre:**  
89 North Terrace Littlehampton

**Mannum Medical Centre:**  
Parker Street Mannum

**Minlaton Medical Centre:**  
7 South Terrace Minlaton

**Walleroo Hospital:**  
Ernest Terrace Wallaroo

## Contact us

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the beat

autumn 2015

Welcome to our Autumn 2015 issue of the beat, Adelaide Cardiology's quarterly publication providing information about our Practice and cardiology topics of interest.

This year marks the 80<sup>th</sup> anniversary of Adelaide Cardiology and presents a great opportunity for us to reflect on our proud history of providing cardiac services for South Australians.

We are very fortunate that throughout our journey we have had amazingly talented and dedicated individuals who have contributed to advances in diagnostic and interventional cardiology that have transformed the outcome of many cardiac diseases and helped improve patient's lives.

Adelaide Cardiology continues the ideals and principles of those retired, aiming to provide the best for our patients, their families and our referring doctors.

Our team has grown and now currently consists of 91 individuals including nurses, echocardiography and electrocardiography technicians, reception, administration and management staff as well as a sleep physician and 16 cardiologists. We are part of the GenesisCare network with practices in Queensland, Victoria and Western Australia.

The cardiac journey continues with still much to be discovered, achieved and applied and we hope to continue to translate this knowledge into practice for the benefit of our patients.

## New On-Line Booking Request Form

We welcome you to utilise our NEW Online Booking Request Form which can be accessed at [www.adelaidecardiology.com.au/medical-professionals/request-booking/view/form](http://www.adelaidecardiology.com.au/medical-professionals/request-booking/view/form) Upon receipt of your Booking Request a member of our Administration Team will contact you to confirm your patient's booking details.

## Adelaide Cardiology patients gain access to breakthrough technology: New Sub-cutaneous Implantable Cardioverter Defibrillators (S-ICD)

In March Associate Professor Glenn Young implanted the first South Australian patients with next generation heart defibrillators at St Andrew's Hospital.

The sub-cutaneous implantable defibrillators (S-ICD), developed by Boston Scientific Pty Ltd, were implanted into two men, aged 18 and 55, who were at risk of sudden cardiac arrest (SCA).

Unlike standard defibrillators, the S-ICDs do not have insulated wires, or leads, inserted directly into the heart, significantly reducing potential complications such as infection and damage to veins.

The Adelaide patients were among the first in Australia to have the new S-ICD system implanted since the products were approved for use by Australia's Therapeutic Goods Administration (TGA) late last year.

Associate Professor Young said the new S-ICD system provided the same level of therapy that had been previously available, but much less invasively.

"The previous technology involved inserting leads inside blood vessels and into the heart," he said.

"This can cause problems such as potential infection and scarring to blood vessels, while long term, the repetitive stresses placed on the leads inside the heart can cause them to fracture.

"The new technology means leads no longer go into the circulatory system, so they are not subject to the same repetitive stresses and last longer."

Associate Professor Young said the S-ICD was particularly useful for younger patients, who would inevitably face problems with leads in their heart.

Defibrillators are designed to deliver an electric shock to re-start the heart in the event of a sudden cardiac arrest or extremely rapid heartbeat.

The new S-ICD system comprises two main components – a pulse generator which powers the system, monitors heart activity and generates a shock if needed and an electrode, which enables the device to sense cardiac rhythm and delivers the shock.

Both components are implanted under the skin, the generator at the side of the chest and the electrode beside the breastbone.

In the event of a sudden cardiac arrest or very rapid heartbeat, the unit delivers an electric shock to stimulate the heart back to normal operation.

Associate Professor Young said that because leads did not need to be placed into the heart, the implants were relatively straight forward with less likelihood of complication.

## Associate Professor Glenn Young

Glenn graduated from the University of Adelaide and undertook his internship, general medical training and advanced cardiology training at the Royal Adelaide Hospital. At this time invasive treatment of cardiac arrhythmias was in its infancy and Glenn decided to travel overseas to pursue his interest in this area.



In 1994 Glenn returned to the RAH to establish a comprehensive electrophysiology service. He continues to work predominantly in the field of cardiac arrhythmias performing electrophysiology studies, catheter ablations, the implantation of pacemakers and defibrillators.

Glenn has undertaken extensive research in the area of arrhythmias and also involves himself in the teaching of medical students, cardiac trainees and nursing staff and is an Associate Professor at the University of Adelaide.

Glenn joined Adelaide Cardiology in 1994 and consults at the St Andrew's Medical Centre and the Unley Road, Murray Bridge and Broken Hill Clinics.

To register for an electronic copy of this newsletter please email your confirmation to [jbreen@adelaidecardiology.com.au](mailto:jbreen@adelaidecardiology.com.au)