

# INTRODUCTION TO CARDIAC ELECTROPHYSIOLOGY

ENHANCE YOUR KNOWLEDGE OF THE BASIC PRINCIPLES, ARRHYTHMIA MECHANISMS,  
PACING PROTOCOLS AND ABLATION TECHNIQUES USED IN LABS AROUND THE WORLD

## Online learning

The course demystifies cardiac electrophysiology (EP) and outlines the basic principles, equipment, pacing protocols, arrhythmia mechanisms and ablation techniques used and seen in the everyday EP lab. Intracardiac recordings will also be taught, endowing participants with the ability to understand and follow procedures in the EP lab, as well as explain these procedures to patients and relatives.

- > **100% online course**
- > **Self-paced learning**
- > **On-demand content**
- > **Hands-on demonstrations**
- > **Live-streamed workshops**
- > **Tutorials**

## Who should attend?

- > **Cath lab/ward nurses**
- > **Company representatives**
- > **Cath lab/general radiographers**
- > **Physician assistants**
- > **Cardiac physiologists/scientists**
- > **Cardiac technicians/technologists**
- > **EP nurse/practitioners**
- > **Students**
- > **Other allied professionals interested in cardiac EP**

## About CEPIA

The Cardiac Electrophysiology Institute of Australasia is an independent Registered Training Organisation (RTO) providing education and training of medical professionals in EP throughout the world.

Using up-to-the-minute lectures, relevant hands-on demonstrations and rigorous academic and practical assessment, CEPIA strives to provide the ultimate teaching programme and aims to set the industry benchmark for educational qualifications.

## Objectives

Attendees will be able to demonstrate:

- > Improved knowledge of cardiac anatomy and physiology
- > Solid understanding of the role of EP studies in managing patients with bradyarrhythmias and tachyarrhythmias
- > Enhanced knowledge of patient and lab set up and equipment used
- > Familiarity with catheter access and approaches, basic catheter locations and electrogram interpretation
- > Understanding of pacing protocols used during EP studies
- > Appreciation of common arrhythmia aetiology, mechanisms and diagnostic features
- > Comprehension of arrhythmia mapping and ablation techniques and endpoints.

## Study anywhere

The course is delivered 100% online so can be undertaken from anywhere in the world. You can enrol at any time and upon enrolment will receive immediate access to all content.

## Registration\*^

- > **AU\$700 per person**

The course registration fee covers 12 months unlimited access to all online education tools including lectures, case studies, tutorials and live-streamed workshops.

## Course format

The course is a blend of on-demand content with scheduled live-streamed workshops delivered 100% online. You'll be able to view the lectures, case studies and hands-on demonstrations as many times as you like, whenever you like to reinforce your learnings.

The course is made up of a variety of content delivery styles to give you the depth and breadth of knowledge and skills that will set you up for success.

### Lectures:

- > Cardiac anatomy and physiology
- > Principles of EP
- > Pacing protocols
- > Evaluation and treatment of arrhythmias in the EP lab

### Hands-on demonstrations:

- > Cardiac anatomical dissection
- > EP catheters and sheaths
- > EP equipment hardware

## Live-streamed workshops:

- > Full access to monthly 60-90min workshop sessions comprising of case studies, tutorials or general Q&A
- > Ability for live interaction and discussions to clarify unfamiliar or complex concepts
- > Sessions will be scheduled at various days and times to allow participants in different time zones many options to attend anatomical dissection

## Participants receive:

- > 12 months access to all online education tools at [cepia.com.au](http://cepia.com.au), including lectures in full colour with audio, case studies and tutorials.

### Course Director:

Jason Riley, BSc, Grad Dip Cardiac EP  
Certified EP and Device Specialist (IBHRE)  
Director, Cardiac Electrophysiology Institute of Australasia (CEPIA)

### Academic Course Co-Director:

Associate Professor Haris Haqqani MBBS (Hons) PhD FRACP FCSANZ FHRS  
Senior Cardiologist and Electrophysiologist  
Prince Charles Hospital, Brisbane, Australia

### Faculty Members:

Dr Stephen Pavia, MBBS FRACP  
Electrophysiologist  
Wesley Hospital, Brisbane, Australia

Dr Russell Denman, MBBS FRACP  
Director Electrophysiology  
Prince Charles Hospital, Brisbane, Australia

### Qualified Teachers:

Jason Riley, BSc, Grad Dip Cardiac EP  
Cardiac Device and EP Specialist (IBHRE)

Harley Cross, BAppSc (HMS), Grad Dip Cardiac EP  
Cardiac Device Specialist (IBHRE)

### \*Cancellation/refunds

All requests for cancellations or refunds must be made in writing to CEPIA and are subject to the following conditions:

- > Requests received 1-14 days after date of payment: 50% refund. Access to all online educational tools will be revoked once refund is applied.
- > Requests received >14 days after date of payment: No refund. Access to online educational tools will remain open.
- > No refunds or discounts will be given for enrolling but not viewing or participating in any or partial online content.

^Pricing inclusive of GST.

