

# Consultant profile template

**Dr Zhong Chen MRCP MBBS PhD**  
Consultant Cardiologist and  
Electrophysiologist



## Introduction

Dr Chen is a Consultant Cardiologist who manages adult patients with a wide range of cardiac conditions. He is a specialist in heart rhythm disturbances and cardiac device therapy.

## Education and training

Dr Chen graduated in Medicine and Surgery from University College London in addition to a BSc degree in Pharmacology (First Class Honours). He undertook his cardiology specialist training at various prestigious hospitals in London, including specialist fellowships in cardiac electrophysiology and cardiac devices at St George's Hospital, Guy's & St Thomas' Hospital and Royal Brompton & Harefield Hospital where he worked with leading experts.

He was awarded a PhD in Cardiovascular Medicine by King's College London for his research in the pioneering use of cardiac magnetic resonance imaging (MRI) in the treatment of complex cardiac arrhythmias.

## Clinical expertise

Dr Chen is a specialist in managing patients with heart rhythm disorders. He treats patients with palpitations, blackouts (syncope), chest pains and high blood pressure and performs coronary angiography, echocardiography and cardiac magnetic resonance imaging. He specialises in complex catheter ablation procedures using the latest technologies for all arrhythmias including atrial fibrillation and ventricular tachycardia. He is also an experienced high volume operator in implanting all types of cardiac devices including pacemakers, defibrillators and cardiac resynchronization therapy.

He firmly believes in a patient-centred approach, always ensuring that patients are fully informed and involved in their care. Following clinical assessment and detailed discussion of the patients' concerns, he takes particular care to explain all aspects of the condition and the treatment plan.

As a member of one of the largest Cardiology team in Surrey, he strives to be at the forefront of high quality arrhythmia service provision. He is the lead responsible for ensuring the safety and quality of the arrhythmia and device service Commissioning for quality and Innovation (CQUIN) at St Peters Hospital. He believes that continuous oversight and independent examination of a service leads to better outcomes for patients.

## Research interests

Dr Chen has a research interest in the use of cardiac MRI to personalise the treatment of cardiac arrhythmias. This individualised approach to arrhythmia risk stratification and cardiac pathology can

lead to safer and more effective treatment. His research work has been published in major international journals and presented to peers at conferences throughout the world.

## Publications

Dr Chen has a strong academic record with many publications in international journals such as *Circulation Arrhythmia and Electrophysiology*, *Heart Rhythm Journal*, *Journal of the American College of Cardiology Clinical Electrophysiology*, *Journal of the American College of Cardiology Cardiovascular Imaging*, *Journal of American Heart Association*, *European Heart Journal Cardiovascular Imaging*, *International Journal of Cardiology*, *Europace*, and *Journal of Cardiovascular Electrophysiology*, as well as numerous book chapters and articles.