



# CARDIOLOGY

## SENIOR RESIDENCY PROGRAMME



*Living My Love  
of Medicine*

# DISCOVER THE CARDIOLOGY SENIOR RESIDENCY PROGRAMME

Cardiovascular disease is the number one killer in developed countries. As a Cardiologist, you will have the opportunity to help many patients, be it saving the life of a heart attack patient with primary coronary intervention or improving the quality of life of a heart failure patient.

The field of Cardiovascular Medicine is also one of the most exciting. Hardly a week goes by without multiple research studies being published in the top medical journals in the world. In addition, the medical technology industry in Cardiology is amongst the most robust in the world, with new technologies and devices being developed continuously.

Working in the department of Cardiology is fast-paced, intellectually stimulating and exciting. You will need to think fast and keep calm. If you enjoy working in a team, are willing to learn, value integrity and have good interpersonal skills, we welcome you to join the SingHealth Cardiology Medical Subspecialty Senior Residency Programme.



## YOUR LEARNING EXPERIENCE

### EXPOSURE TO CUTTING-EDGE MEDICINE

As the leading local healthcare group, SingHealth handles the largest clinical volume in Singapore. You will have the opportunity to manage and treat a broad range of cardiovascular diseases. At National Heart Centre Singapore (NHCS), you will also be exposed to advanced, cutting edge therapies such as cardiac transplant, left ventricular assist devices, atrial fibrillation ablation therapy, and structural heart disease interventions such as transcatheter aortic valve implantation and the MitraClip procedures.

### DEPTH AND BREADTH OF CLINICAL ROTATIONS

The NHCS sees the largest volume and most comprehensive range of patients with cardiovascular diseases in Singapore. Together with Changi General Hospital (CGH) and Sengkang General Hospital (SKH), which provides healthcare to the eastern part of Singapore, the three institutions on the programme provide tremendous clinical exposure for our Senior Residents.

### RENOWNED FACULTY AND RESEARCH OPPORTUNITIES

We have a talented pool of Faculty who are recognised leaders in the cardiovascular field. You will have many opportunities to participate in clinical and translational research and develop your scientific inquiry skills under their mentorship, and pursue research as your career.

- Non-Invasive Cardiac Imaging, Echocardiography and Nuclear Cardiology
- Heart Failure Programme
- Adult Congenital Heart Disease
- Cardiovascular Rehabilitation and Preventive Cardiology

Senior Residents interested in a Clinician Scientist pathway will work with an established Research Mentor. Rotations will be tailored to the specific research requirements of the Senior Resident and Mentor and may include participation in a Masters of Clinical Investigation programme.

## OUR CURRICULUM

The Cardiology Medical Subspecialty Senior Residency Programme at NHCS, CGH and SKH is a structured 3.5 years programme that will equip you with the medical knowledge, clinical skills and experience to become a competent Cardiologist. The training curriculum comprises an excellent mix of clinical activities, didactic lectures and research opportunities in a conducive educational environment.

You can choose to gain insights into subspecialties such as:

- Invasive Diagnostic and Interventional Cardiology
- Cardiac Electrophysiology and Pacing

## YOUR CAREER PROSPECTS & DEVELOPMENT

The SingHealth Cardiology Medical Subspecialty Senior Residency programme is accredited by ACGME-International. With this mark of distinction, Senior Residents can expect numerous career opportunities upon completion of the programme, including promotion to Associate Consultant.

You can also look forward to further training in a subspecialty, such as interventional cardiology, electrophysiology, advanced heart failure, adult congenital heart diseases, echocardiography and advanced imaging modalities.

With a rapidly ageing population requiring more clinical care, your training and clinical skills will be heavily sought after.

## HEAR FROM OUR RESIDENTS

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The programme in SingHealth provides both the breadth and depth to be a world-class physician. These include dealing with complex case-mix, hands-on procedural training opportunities, and avenues to develop research skill sets. I enjoy the heart-warming relationships forged with patients, the intellectual stimulation of dealing with complex problems and the adrenaline of performing hands-on procedures.

**DR JONATHAN YAP JIUNN LIANG**  
Cardiology Senior Residency Alumnus, Year 2016

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The Cardiology family in SingHealth is special for its camaraderie. We work closely together every day in service of our patients and develop a close bond as a result. The excellent mentorship is crucial in managing our diverse case-mix, ranging from complex congenital disease to advanced heart failure. Our programme goes beyond patient care to develop us as future healthcare leaders and all-rounded individuals.

**DR AUDRY LEE SHAN YIN**  
Cardiology Senior Resident, Year 2018

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# GET IN TOUCH

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