



# CARDIOTHORACIC SURGERY

RESIDENCY PROGRAMME

*Living My Love  
of Medicine*

# DISCOVER THE CARDIOTHORACIC SURGERY RESIDENCY PROGRAMME

Cardiothoracic Surgery (CT Surgery) is a truly challenging field requiring a strong grasp of cardio-respiratory physiology, sound clinical judgement, excellent technical skills as well as an ability to work under time pressure. If you wish to make a difference and are not afraid of hard work, this is the place for you. In CT Surgery, you will improve your patients' lives in a very direct way.

The SingHealth CT Surgery Residency Programme offers you a seamless track to specialist training. If you are keen on CT Surgery, this programme will give you a strong grounding in the fundamentals of surgical science and practice in two years of surgery-in-general with rotations in general surgery, prior to entering the four years of advanced training in CT Surgery. Designed to produce outstanding CT surgeons, the programme is carefully structured with regular formative assessments and timely

feedback. You will be closely mentored by dedicated Faculty and your training progress is monitored to ensure that clinical and surgical skills are well developed.

Furthermore, the rich SingHealth CT Surgery clinical case-mix ranging from adult cardiac surgery and general thoracic surgery to minimally invasive cardiac and thoracic Surgery, heart failure/ assist device/ transplant surgery, robotically assisted surgery as well as aortic and endovascular surgery will ensure that you receive comprehensive training in the entire spectrum of therapy in CT Surgery.



## YOUR CAREER PROSPECTS & DEVELOPMENT

The title of Associate Consultant is given upon successful registration with the Singapore Medical Council and Specialist Accreditation Board. During the two years as an Associate Consultant, there will be opportunities for further subspecialisation in a particular field of interest in CT Surgery.

Further fellowship training can be carried out at major training hospitals NHCS, KKH and SGH or at an overseas centre of excellence of your choice.

## A WEALTH OF RESEARCH OPPORTUNITIES

Residents interested in pursuing the Clinician Scientist pathway can further extend their research period to pursue a Masters or PhD. There are also opportunities to further your career in medical education for those interested to become Clinician Educators.

Further information on the vast options for clinical research can be discussed in detail with members of Cardiovascular Academic Clinical Programme (ACP).

## HEAR FROM OUR RESIDENTS

## YOUR LEARNING EXPERIENCE

With a wealth of clinical material in both National Heart Centre Singapore (NHCS) and KK Women's and Children's Hospital (KKH), we aim to expose all Residents to the full spectrum of cases. Apart from NHCS, Residents are also rotated through Singapore General Hospital (SGH) and KKH to provide maximum exposure and the requisite training to face the challenges of the specialty in the future.

The NHCS is an academic medical centre and a regional referral centre for cardiovascular diseases. Opened in 2014, the enhanced NHCS building provides Residents with greater training facilities and research opportunities with 4,000m<sup>2</sup> of dedicated research space and three times as many clinics to meet the rising demands of an aging population in Singapore.

### EXTENSIVE PATIENT CASE-MIX AND CLINICAL MATERIAL

A wealth of clinical material prepares you for the entire spectrum of therapy for cardiovascular disease, from adult cardiac surgery to aortic and endovascular Surgery. NHCS is home to the largest group of heart specialists in Singapore, and our doctors see the widest case-mix of

patients locally. We aim to train proficient CT Surgeons to provide cutting-edge tertiary and quaternary care across all boundaries.

### RENOWNED FACULTY, DEDICATED MENTORS

You will benefit from the guidance of dedicated Faculty members who are well-known leaders in their respective specialties. You will gain invaluable experience and knowledge that will go a long way in preparing you for a fruitful and enriching career specialising in CT Surgery.

### WORLD-CLASS TRAINING AND RESEARCH FACILITIES

Equipped with state-of-the-art teaching and research facilities, the new NHCS building will foster a vibrant Academic Medicine environment to enhance interaction between researchers and clinicians. It also features a whole level dedicated to research ranging from stem cells to identifying biomarkers causing sudden cardiac death.

### CUTTING-EDGE RESEARCH OPPORTUNITIES

If you have your heart on research, the CT Surgery Residency programme will give you ample opportunities to pursue your passions. Prominent research platforms, forums and work-shops are regular parts of the programme, helping you make your mark as a surgeon on an international stage.



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I chose SingHealth Residency because I enjoy the time I have spent as a doctor in the academic healthcare cluster. The seniors are accomplished surgeons but are also humble. The environment has been supportive and nurturing. There is an emphasis on education and the need to train junior doctors. I enjoy the learning opportunities that are given to me as a Resident and I appreciate having adequate time off to devote to my passions. I appreciate that people around us are trying to make our learning as productive as possible.

**DR CYNTHIA CHIA**

CT Surgery Residency Alumna, Year 2018  
*The University of Adelaide Alumna*

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I chose SingHealth Residency because it is an excellent training ground with a large surgical case-mix and clinical opportunities as well as top notch supervisors. I see my confidence growing exponentially in both technical and clinical aspects of surgery. The spirit here is an echelon above the rest. The department constantly provides a supportive learning environment where the seniors are always willing to share their invaluable knowledge and experience with the juniors. I am honoured to be part of such an exceptional team.

**DR ALICIA CHIA**

CT Surgery Residency Alumna, Year 2018  
*University of Southampton (UK) Alumna*

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# GET IN TOUCH

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PATIENTS. AT THE HE<sup>ART</sup> OF ALL WE DO.®

