

**NATIONAL SPECIALIST REGISTER
CRITERIA FOR REGISTRATION IN CARDIOTHORACIC SURGERY**

Any doctor can apply to be registered as a Cardiothoracic Surgeon if he/she fulfils ALL the following requirements:

1. Fully Registered with Malaysian Medical Council (MMC) with current Annual Practicing Certificate (APC) or hold a Temporary Practicing Certificate (TPC)

2. Recognized Postgraduate Qualification

2.1 Holds a recognized basic postgraduate qualification in General Surgery:

- i. Masters of Surgery (University Malaya)
- ii. Masters of Surgery (General Surgery) (Universiti Kebangsaan Malaysia)
- iii. Doctor of General Surgery (Universiti Kebangsaan Malaysia)
- iv. Masters of Medicine (Surgery) (Universiti Sains Malaysia)
- v. Masters of Surgery (General Surgery) (Universiti Islam Antarabangsa Malaysia)(UIAM)
- vi. Diplomate of American Board of Surgery
- vii. Fellow of Royal Australian College of Surgeons (FRACS)
- viii. Fellow of Royal College of Surgeons of Ireland in General Surgery
- ix. Fellow of Royal College of Surgeons of Edinburgh in General Surgery
- x. Fellow of Royal College of Surgeons of England in General Surgery
- xi. Fellow of Royal College of Physician and Surgeons of Glasgow in General Surgery
- xii. Fellow of Royal College of Surgeons, Canada
- xiii. Certificate of Medical Specialist in Surgery, Catholic University, Leuven, Belgium

AND

Completed training in Cardiothoracic Surgery of not less than 4 years in accredited centre.

OR

2.2 Possess a postgraduate Cardiothoracic Surgery qualification recognized by the NSR:

- i. Fellow of Royal College of Surgeons (UK & Ireland) –Intercollegiate Specialty Board in Cardiothoracic Surgery
- ii. Fellow of the Royal Australian College of Surgeons in Cardiothoracic Surgery
- iii. Fellow of Royal College of Surgeons of Canada in Cardiothoracic Surgery
- iv. Diplomate of American Board of Thoracic Surgery

3. Post-qualification experience in Cardiothoracic Surgery of not less than 1 year.

4. Evidence of satisfactory postgraduate training as supported by:

- 4.1 Certification of satisfactory completion of the training program
- 4.2 Period of training
- 4.3 Supervisor's report
- 4.4 Log of cases and procedures on core competencies.
(To summarize cases accordingly for easy reference)

Operative experience requirements include active involvement in an average of 100 major operations (index cases) performed by candidate per-year training. This requirement is met if the candidate performs or is first assistant to a total 400 major cases over the course of his/her 4-years training period to ensure him/her becoming a safe independent surgeon.

Applicant will be required to present evidence of operative experience in the form of an operative log book.

- The minimum requirement of operative experience as the **primary surgeon** in **75 Open Heart Surgery** procedures and **50 Closed Heart/Thoracic** procedures must be met prior to application for registration as an evidence for his/her competency to carry out surgical procedures independently.

Note: Even though the applicant had completed the 4 years training requirement, the applicant may not necessarily be able to operate independently.

- 5. **Applicants with no previous working experience in Malaysia as Cardiothoracic Surgeon may be required to undergo a clinical attachment for up to one (1) year in approved institution with a satisfactory supervisor's report.**
- 6. **Notwithstanding the above, the SSC may stipulate any additional condition, including training/work experience/interview, on the applicant if deemed necessary.**