

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

The following are the Criteria for Registration for Vascular Surgeons in Malaysia:

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

- 1. Fully registered with the Malaysian Medical Council with current Annual Practising Certificate (APC);**

- 2. Has completed a minimum of three (3) years of Vascular Surgery training in one of the following training schemes:**
 - 2.1 Fellowship training in Vascular Surgery in Ministry of Health Hospitals of Malaysia
 - 2.2 Fellow of the Royal College of Surgeons (FRCS General/Vascular) with Certificate of Completion of Specialist Training (CCST) United Kingdom
 - 2.3 Fellow of the Royal Australasian College of Surgeons (FRACS Vascular Surgery)
 - 2.4 American Board of Surgery Certification in Vascular Surgery

- 3. Those who have not undergone vascular training in the above training schemes may be considered for registration in the NSR if it is satisfied that he/she had undergone training in Vascular surgery of a standard and level equivalent to the above recognized training schemes:**
 - 3.1 Preferably, he/she is expected to have completed general surgical training
 - 3.2 He/she had completed training in recognized vascular surgery units (as defined in APPENDIX I) for a minimum of 3 years
 - 3.3 He/she should maintain a logbook that meets the minimum number of cases as stated in APPENDIX II (as a principal operator for the last 2 years)
 - 3.4 He/she has sufficient knowledge and exposure to endovascular surgery
 - 3.5 He/she has satisfactory supervisors' reports

- 4. Evidence of satisfactory completion of Vascular Surgery training as supported by:**
 - 4.1 Certificate / Letter of satisfactory completion of the training programme
 - 4.2 Period of training
 - 4.3 Supervisor's report
 - 4.4 Logbook and summary of cases

- 5. [This clause is no longer in use w.e.f 23rd August 2009]
Senior surgeons who have been practicing vascular surgery may be registered as a vascular surgeon in the NSR if:**
- 5.1 He/she had undergone training in vascular surgery.
 - 5.2 He/she had practiced vascular surgery in the last 5 years.
 - 5.3 At least 50% of his/her workload is vascular surgery.
 - 5.4 He/she performs at least 50 vascular procedures per year that includes:
 - i. Open and/or endovascular abdominal aortic aneurysm repair
 - ii. Aortic bypasses
 - iii. Infra-inguinal bypasses
 - iv. Varicose veins
 - v. Vascular access
 - 5.5 20% of the vascular operations performed must be major arterial surgery.
- 6. For those who have no working experience in Malaysia, may be required to undergo clinical attachment for up to one (1) year in approved institution with satisfactory report.**
- 7. Notwithstanding the above, the SSC of Vascular Surgery may stipulate any condition, including additional training/work experience/interview, on the applicant if deemed necessary.**
- 8. Re-Certification**
- To maintain registration in the NSR, the doctor must continue to be active in vascular surgical practice.

RECOGNIZED VASCULAR SURGERY UNITS

Vascular surgical units that are recognized as training centre must meet the following conditions:

- i. Have one or more accredited vascular surgeons who have at least 3 years experience as a consultant vascular surgeon.
- ii. Sufficient workload for the trainee to gain the necessary experience in the whole spectrum of vascular surgery.
- iii. There should be a minimum of 50 major vascular procedures per year in the unit. The procedures should include open aortic surgery and infra-inguinal bypasses.
- iv. Have suitable imaging facilities including angiography, CT scan, MRI and Duplex scan.
- v. Have other supporting specialties such as rehabilitation, general medicine/cardiology and radiology to manage the patients in a multi-disciplinary manner.
- vi. Provide emergency vascular surgery and radiology service round the clock
- vii. Weekly clinical/radiological meeting
- viii. Have High dependency unit (HDU) and Intensive Care Unit (ICU)

APPENDIX II

MINIMUM NUMBER OF CASES (PERFORMED AS PRIMARY SURGEON)

PROCEDURE	NUMBER
Abdominal Aortic Aneurysm Repair	15
Peripheral Bypasses	25
Vascular Access	30
Varicose Veins	20