### Vascular Surgery

**The Workforce**

Vascular Surgery is a specialty of surgery in which diseases of the vascular system, or arteries and veins, are managed by medical therapy, minimally-invasive catheter procedures and surgical reconstruction.

In the 2010 calendar year, there were 59 Vascular Surgeons who primarily worked within NSW. This workforce had the following characteristics:

- **Average Age:** 54.5 years
- **Females:** 10.2% of the workforce
- **Average Hours:** Vascular Surgeons worked an average 49.1 hours per week (of a standard 40 hour week)
- **Over 50s:** Approximately 61% were aged 50 years or over

Source: AIHW (2012) 2010 Medical Workforce Profile extracts for NSW (unpublished data)

**Trainees and New Fellows**

- **SET Trainees (SET):** 15 SETs in NSW in 2012 with an average of 16 SETs between 2008 and 2012
- **Females:** Female SET Trainee numbers in NSW have increased from 2 in 2008 to 4 in 2012 (20% of total)
- **New Fellows:** An average of 2 per year in NSW between 2008 and 2011 (16.6% female)
- **Medical Specialty College:** Royal Australasian College of Surgeons (http://www.surgeons.org/)
- **HETI Supported Training:** Not part of Health Education and Training Institute Training Networks (www.heti.nsw.gov.au)

Source: Royal Australasian College of Surgeons  
* SET – Surgical Education and Training (SET) program

**Retirement Intentions in NSW**

- **1-2 Years:** 15.3% of Vascular Surgeons intend to retire within 1-2 years
- **3-5 Years:** 15.3% of Vascular Surgeons intend to retire within the next 3-5 years
- **6-9 Years:** 3.4% of Vascular Surgeons intend to retire within the next 6-9 years

Source: AIHW (2012) 2010 Medical Workforce Profile extracts (unpublished data)
Supply and Distribution

Distribution: Vascular Surgeons are located mainly within Local Health Districts (LHDs) in metropolitan Sydney and Hunter New England LHDs.

Rural & Regional: Limited numbers of Vascular Surgeons located in rural and regional LHDs.

The Future in NSW – Workforce Planning to 2025*

Estimated Demand Growth: Not Applicable
Estimated Workforce Size: Not Applicable
Additional Fellows: All demand scenarios suggest a small number of additional trainees required
Range: Not Applicable

* Workforce Planning to 2025 incorporated the workforces of Cardiothoracic Surgery, Neurosurgery, Paediatric Surgery, Oral and Maxillofacial and Vascular Surgery. These Surgical sub-specialties were grouped and modelled together due to small workforce size in the individual sub-specialties.

Workforce Planning Priority and Risk Rating

Ageing: The risk associated with the workforce aged over 60 and 70.
Small Workforce Size: The risk associated with the sustainability of small workforces.
Retirement Intentions: The risk associated with the retirement intentions of the current workforce.
New Fellow Requirements: The risk associated with the requirement to recruit additional trainees, based on workforce planning to 2025.
Training Supervision: The risk associated with the availability of the existing workforce to provide supervision to new trainees.

Future Workforce Considerations
Addressing rural and regional workforce maldistribution