



Radiation Oncology

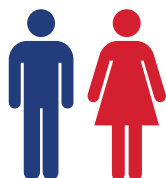
The Workforce

A Radiation Oncologist is a medical specialist who has specific postgraduate training in the management of patients with cancer, in particular, involving the use of radiation therapy (also called radiotherapy) as one aspect of their cancer treatment.

In the 2010 calendar year, there were 96 Radiation Oncologists who primarily worked within NSW. This workforce had the following characteristics:

- Average Age:** 46 years
- Females:** 36.5% of the workforce
- Average Hours:** Radiation Oncologists worked an average of 36.2 hours per week (of a standard 40 hour week)
- Over 50s:** Approximately 34% were aged 50 years and over and 11% of the workforce were older than 60 years

Source: AIHW (2012) 2010 Medical Workforce Profile extracts for NSW (unpublished data)



96 Radiation Oncologists



36.5% Females

Trainees and New Fellows

Trainees: 61 Trainees in NSW in 2012 with an average of 50 trainees between 2008 and 2012

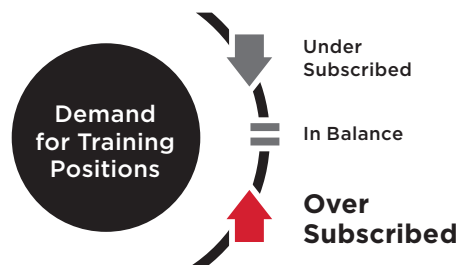
Females: Female trainees in NSW have increased from 32 in 2008 to 42 in 2012 (69% of total)

New Fellows: An average of 7 new fellows per year in NSW from 2008-2011 (50% female)

Medical Specialty College: Royal Australian and New Zealand College of Radiologists (<http://www.ranzcr.edu.au/>)

HETI Supported Training: Not part of Health Education and Training Institute Training Networks (www.heti.nsw.gov.au)

Source: Medical Training Review Panel (MTRP)



Retirement Intentions in NSW

1-2 Years: 2.1% of Radiation Oncologists intend to retire within 1-2 years

3-5 Years: 6.3% of Radiation Oncologists intend to retire within the next 3-5 years

6-9 Years: 2.1% of Radiation Oncologists intend to retire within the next 6-9 years

Source: AIHW (2012) 2010 Medical Workforce Profile extracts (unpublished data)



Supply and Distribution



Distribution: Radiation Oncologists are located where Oncology Treatment Centres (ROTC) / Linear Accelerators are based.

Rural & Regional: Workforce will increase with geographical access and increasing treatment rates to Oncology Treatment Centres (ROTC) / Linear Accelerators in rural and regional areas.

The Future in NSW – Workforce Planning to 2025

Estimated Demand Growth: Between 1.7% to 3.8% to 2025

Estimated Workforce Size: In 2025, between 147 to 168 Full Time Equivalents

Additional Fellows: All demand scenarios require additional trainees as of 2014

Range: Up to 5 additional new trainees per annum

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