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. The Royal Australian and New Zealand College of Radiologists (RANZCR) is accredited by the Australian Medical Council (AMC) to deliver radiology training.

Workforce Characteristics in 2015

Supply and Distribution

Total NSW Workforce by Sector (percent)

- Public only: 60%
- Private only: 13%
- Public and Private: 26%
- Other: 1%

Hours by Sector

- Public: 60.3%
- Private: 20.7%
- Other (Non-Clinical): 18.9%

- Metropolitan Sydney: 82 headcount
  - 45 hours per week
  - 46 years average age
  - 7% aged over 60
  - Retirement intentions (60+): Next 1-2 years 33%, Next 3-5 years 50%, Next 6-10 years 17%

- Non-Metropolitan Sydney: 36 headcount
  - 44 hours per week
  - 47 years average age
  - 14% aged over 60
  - Retirement intentions (60+): Next 1-2 years 25%, Next 3-5 years 50%, Next 6-10 years 25%

Trainees

Advanced Trainees in NSW:

<table>
<thead>
<tr>
<th>Year</th>
<th>2015</th>
<th>2016</th>
<th>2017</th>
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<tr>
<td>NSW Trainees as % of Australia 2017</td>
<td>47.0%</td>
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Proportion female Trainees in NSW 2017: 57.4%
The Future in NSW - Workforce Planning to 2030

Workforce projections are provided for a low and high demand scenario. Where requirements for both scenarios are met without the need for additional fellows, the projected “No Growth” scenario workforce data is provided.

Workforce Modelling Considerations

- Workforce modelling is based on current models of care. Any change in the models may impact on requirements.
- Any changes to current training programs will affect the workforce modelling outcome.
- Workforce modelling is based on current workforce hours profile by age co-hours. Any changes to hours worked by future clinicians will affect the model.
- There is an accepted error rate of plus or minus two per cent within workforce modelling.
- The model does not address any mal-distribution either by location (rural or regional) or sector (public or private).