

Advanced Practice In Radiation Therapy

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iir Peter Mac
EXCELLENCE INNOVATION COMPASSION

Outline

- Background
- Implementation Process
- Curriculum
- Pilot Program
- Evaluation
- Future Directions



Background

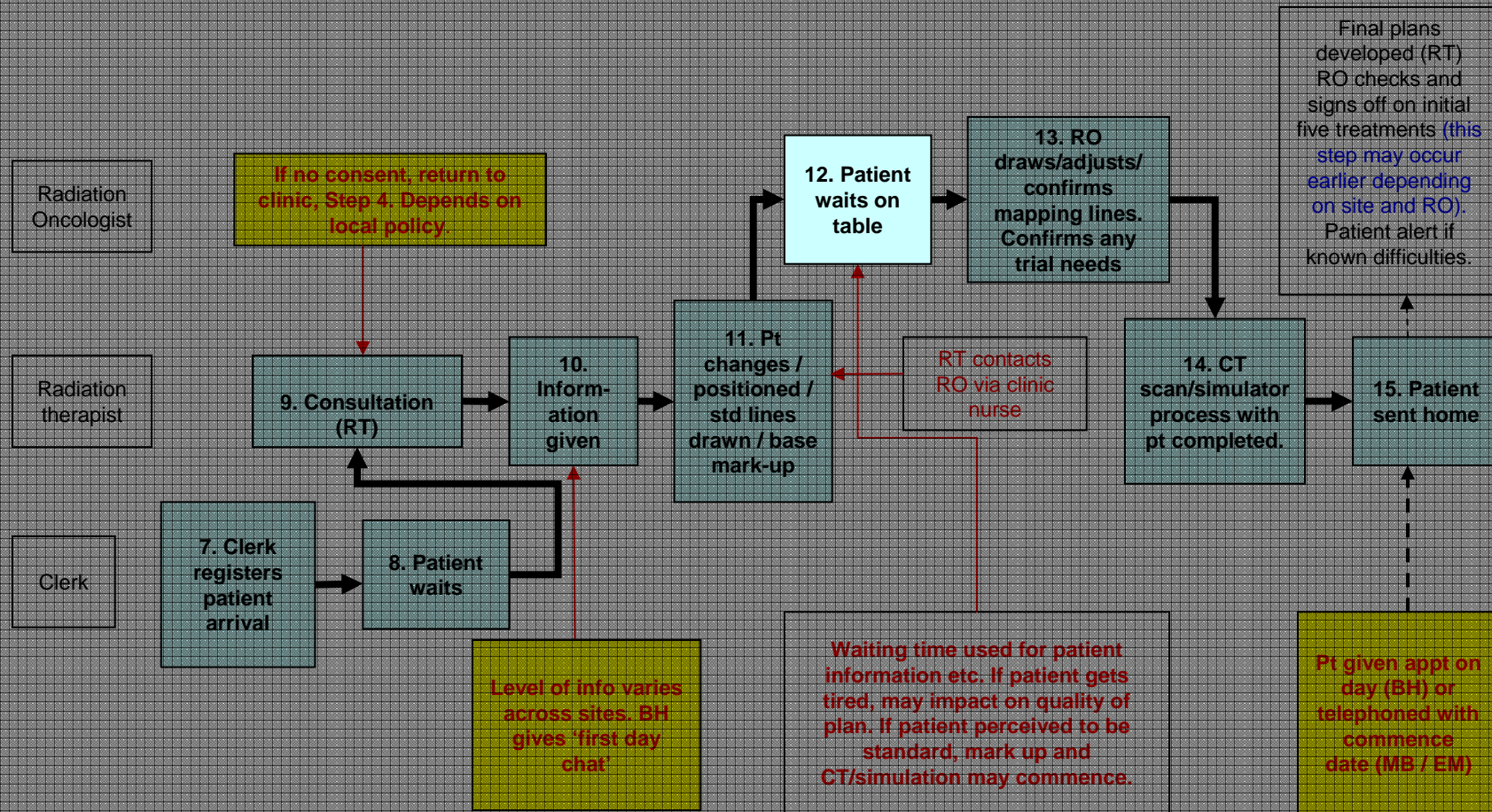
- Radiation Therapy context
- Advanced Practice
- Drivers for advanced practice
 - National
 - Local

Implementation Process

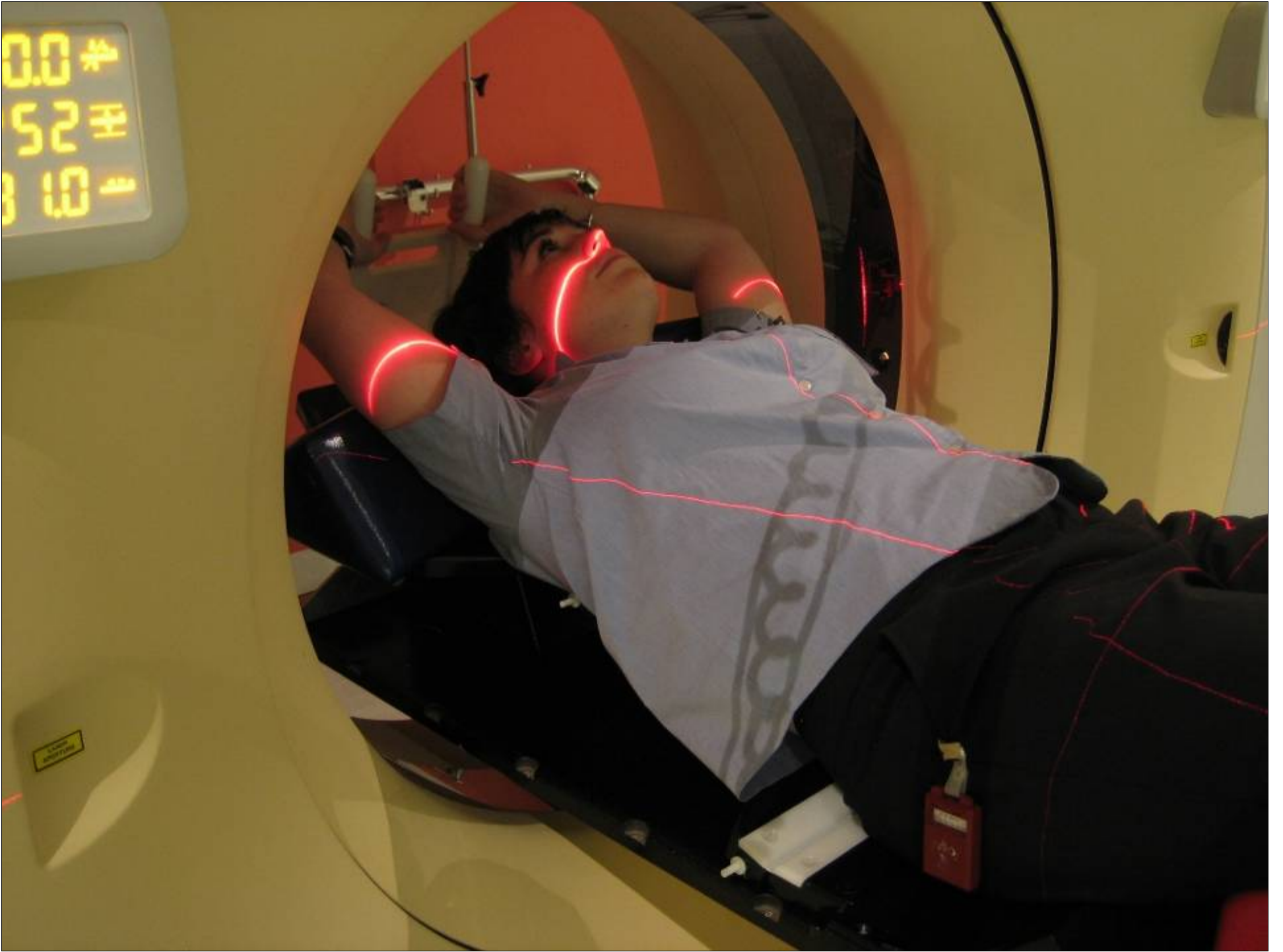
- Step 1 Preliminary research
 - focus groups
 - questionnaires
- Step 2 Process mapping
 - identify service needs
 - DHS



Peter MacCallum Cancer Centre – Process Map Two - Planning consultation for radiotherapy



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Implementation Process cont'd

- Step 3 Outcomes
 - meeting heads of dept to discuss steps 1 & 2
- Step 4 Developing scope of practice and curriculum

Curriculum

- Academic Component
 - Structure
 - Support
 - Assessment
- Clinical Component
 - Structure
 - Portfolio development
 - Assessment

Pilot Program

- Aims:
 - Develop practitioner knowledge and understanding
 - Develop clinical skills/competence in breast tissue delineation
 - Improve service delivery and patient care
 - Improve job satisfaction/potential alternative framework for career progression
- DHS funding (From July 2005-Feb 2006)
- Four RT volunteers, East Melbourne and Box Hill

Since then

- Clinical training commenced Jan 2006, completed Dec 2006
- Short course provided by distance education from Monash University



Since then

- 2006 cohort successfully completed Breast Mark Up Course



Course Evaluation

- Review undertaken Nov 2006
 - Course concept
 - Course structure
 - Clinical integration of program
 - Support mechanisms
 - Academic component
 - Clinical component
 - Additional feedback

Resultant improvements

- Learning contract
- Assessment submission dates spread out further over the year
- Case report submissions staggered over the year (reduced from 20 to 15 this year)
- Increased site visits by clinical facilitator
- Formal study leave approved by senior management
- Changes to workshop and oral presentation dates/format



Future Directions

- Further roll-out for 2007 with 7 participants from 4 sites:
 - EastMelb
 - BoxHill
 - Moorabbin
 - Bendigo
- Additional DHS funding
 - Perth Conference
March 07
 - UK Conference
Sept 07



Future Directions cont'd

- Recruit other breast ROs to program
- Recruit further RTs
- Define mentoring role for expert RTs
- Evaluate program
 - organisation, practitioner and patient satisfaction
- Modifications and improvements
- Articulate to post graduate
- Maintain Portfolio/competency

Future Directions cont'd

- Image review credentialing



- Radiation Engineering



- Imaging expert



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Acknowledgements

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References

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