

Radiation Oncology Institute issues first Safety and Quality Research Award: IMRT Treatment Delivery Accuracy

Calvary Mater Newcastle Hospital in Newcastle, Australia, has been awarded the Radiation Oncology Institute's (ROI's) first Research Award for Safety and Quality: Intensity Modulated Radiation Therapy (IMRT) Treatment Delivery Accuracy in the amount of \$200,000 over two years for its proposed study titled "Ensuring Safe Delivery of IMRT Using EPID-Based Real-Time Verification."

Peter Greer, PhD, a medical physicist from Calvary Mater Newcastle Hospital will lead the study. Dr. Greer's study proposal outlines the development of a real-time verification system that enables detection of gross intensity modulated radiation therapy (IMRT) treatment delivery errors prior to delivery of substantial radiation to patients.

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