

Australia expands access to potentially life-saving radiotherapy treatments

15 February 2022 | News

Royal Brisbane and Women's Hospital is the first to secure the latest generation Radixact® System



US-based Accuray Incorporated has announced that the Royal Brisbane and Women's Hospital (RBWH), the largest medical facility in Queensland, Australia, has selected two Radixact Systems with ClearRT™ helical fan-beam kVCT imaging and Synchrony® artificial intelligence (AI)-driven four-dimensional (4D) dynamic delivery technology to expand access to potentially life-saving radiotherapy treatments to more patients.

The Radixact Systems will replace existing, older TomoTherapy® Systems and in combination with ClearRT and Synchrony, are designed to provide unprecedented versatility in the types of tumors and indications that can be treated - and superior efficiency, precision and accuracy in radiation treatment delivery.

High-quality images are crucial to each step of the radiotherapy treatment workflow. ClearRT, a helical CT imaging solution, was created to empower medical care teams to produce exceptional diagnostic-like quality CT images, quickly and cost-effectively.

ClearRT imaging enables high confidence in the patient set-up and registration that form the basis of radiation therapy treatment planning, delivery and monitoring, and are key to the successful treatment of organ-confined, locally advanced and metastatic tumors. ClearRT also integrates with other Accuray-only applications, such as Synchrony, a sophisticated technology that adapts treatment delivery to tumor motion in real time.