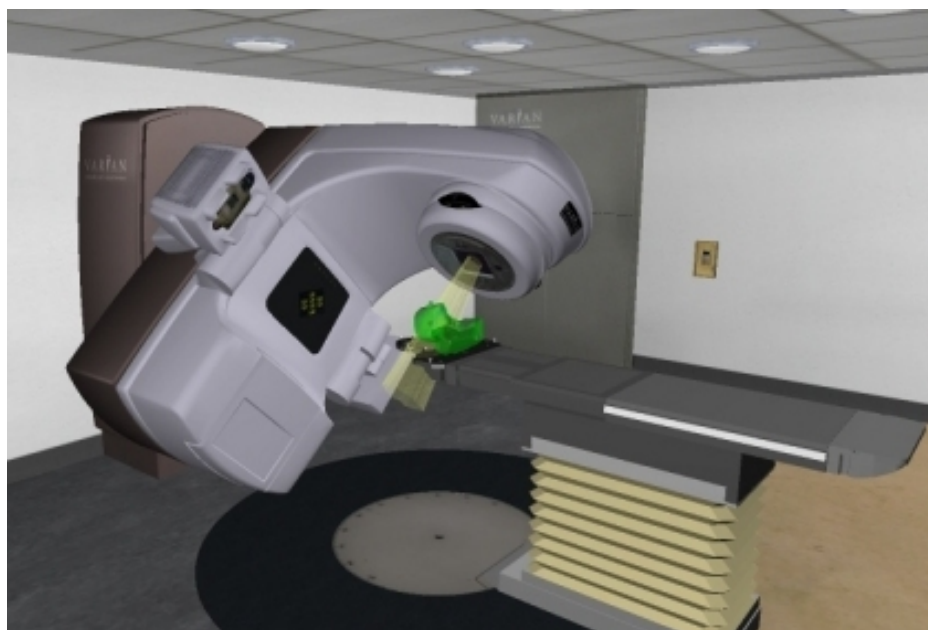


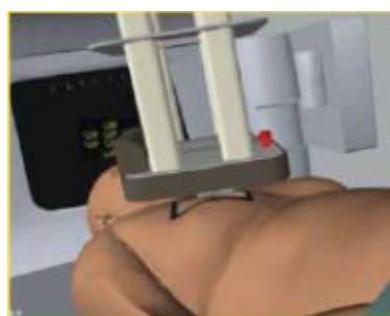
Virtual Reality cancer treatment training comes to UniSA

As part of a joint university submission to the Australian Department of Health and Ageing, UniSA have secured funding worth \$850K over 5 years to implement Virtual Environment Radiotherapy Training (VERT).

VERT provides a three-dimensional stereoscopic display of the radiotherapy treatment room allowing the demonstration of treatment techniques and providing a better understanding of treatment concepts for students. Students are immersed into the treatment room with the aid of real controls and three-dimensional glasses. They can treat a virtual patient and examine the delivery of radiation dose within that patient, seeing past the skin to identify internal structures and anatomical relationships.



This technology allows the development of clinical skills in a simulated and safe environment and provides the potential to engage clinicians and other professionals in multi-disciplinary education and training.



The funding is a result of a joint submission by the Radiation Therapy Lecturers' group representing the 6 universities where entry level Radiation therapy programs are offered.

Two of the aims of this collaborative project are to form a VERT academic community of practice where competency development and learning resources are shared, and to establish and promote collaborative partnerships with clinical departments, the multidisciplinary cancer care team and to utilise VERT for research, education and quality assurance programs for the wider professional community.

It is anticipated that the dedicated space for this facility will be installed and operational for 2012 radiation therapy student training.