

## Royal Perth Hospital Installs Latest Image Management System



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Royal Perth Hospital, Western Australia's largest publicly funded hospital, is the site of the latest installation of Siemens' *syngo*®Dynamics image management system.

The hospital's cardiac unit is regarded as one of the best in Australia and at the leading edge of technical and medical development. The new *syngo* Dynamics installation along with three Siemens cardiac labs, using Artis zee® imaging units and two AXIOM® Sensis haemodynamic integrations, is the largest of its kind in Australia.

*syngo* Dynamics is an innovative, multimodality, dynamic image review, processing, and archiving system for cardiology and general medical imaging. The system is available in three cath labs within the hospital's cardiac unit and is the latest development in the long, professional, and friendly partnership between the hospital and Siemens.

The *syngo* installation replaces the previous Siemens ACOM system and in the past months all legacy data from that system has been transferred to the 17-terabyte storage system, that the hospital now maintains. Along the way, any possible confusion of patient records due to similarity of names and dates has been avoided thanks to a service provided by Siemens.

The *syngo* Dynamics system opens the way for Web-based distribution of patient records and images throughout the hospital and soon, offsite for example to specialists' rooms, or to remote settlements. Patient details are captured at entry and integrated into the cardiac system's records, reducing the possibility of human error.

The introduction of Web-based distribution of images and the digitalisation of legacy records and their integration into the *syngo* system allows faster access to patient images and instant recall and comparison of earlier procedures.

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