

Designing our new tertiary hospital

Fiona Stanley Hospital's team of architects and health planners has worked with hundreds of medical, nursing, allied health and other healthcare staff, private organisations, Non-Government Organisations, patients and members of the public to design the State's newest tertiary hospital.

The design of Fiona Stanley Hospital is also underpinned by research, national and international benchmarking, and collaboration with interstate and international specialists.



Planning has been predicated on Evidence-Based Design – an emerging international trend that recognises that elements of the health care environment such as lighting, colour, texture, views, natural light and art can have a powerful healing and therapeutic effect on patients, families, visitors and staff, and enhance the quality and safety of the hospital environment. They can also contribute to a faster recovery and reduced pain for patients, and improved staff retention and morale.

The design of Fiona Stanley Hospital will incorporate:

- a high proportion of single rooms – providing improved infection control, fewer patient transfers, better patient privacy and confidentiality, better communication from staff to patients, superior facilities for visitors, and consistently higher satisfaction with overall care.
- an open design with natural light and excellent air circulation;
- passive solar design, building orientation, shading principles, and water and energy saving technologies to increase energy efficiency;
- the latest fittings and medical equipment, including a leading-edge medical imaging centre that will provide fast and accurate information to clinicians;
- state-of-the-art technology integrated into every level of the hospital;
- excellent links between clinical areas to ensure the best possible patient care;
- the integration of research, pathology laboratory medicine and education facilities in the heart of the clinical campus;
- landscape design that includes tranquil gardens, parks, internal gardens, roof gardens, conservation parks and landscaped corridors;

- improved consideration of staff movement to create more efficient ways of getting to and from administration, research, education and clinical areas. This leads to improved patient care and response times and provides a positive and collaborative work environment for staff; and
- a welcoming entry plaza.

A world-class facility

Fiona Stanley Hospital will be a vibrant, effective, safe and sustainable facility that can accommodate the needs of patients, staff, visitors and the local community alike. It will:

- cover an area equivalent to four city blocks;
- include 135,000sqm of floor space;
- comprise three parts – a podium block, central spine and ward blocks;
- have a main internal circulation ‘spine’ which will link all major areas of the hospital;
- be a truly ‘green’ building, designed to minimise energy and water use, and reduce waste; and
- offer 3300 basement, ground level and multi-storey parking bays.

It will include 18 wards (each made up of 24 beds), 29 imaging rooms and 16 theatres.

Designed with flexibility for future growth and expansion, the Fiona Stanley Hospital will be able to adapt, flex and expand as clinical departments grow and change to meet the needs of Western Australia’s growing population.



For more information

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