

New Women's and Children's Hospital

Vision

Guiding Principles

Strategic Design Principles



nWCH Vision

The new Women's and Children's Hospital (nWCH) will provide holistic, world-class healthcare and facilities in South Australia for babies, children, young people, women and their families.

nWCH Purpose

The nWCH will create a person and family centred care environment that:

- Provides specialist services for women, babies, children, young people and their families/carers.
- Partners with consumers and families/carers to deliver the best possible health and wellbeing outcomes.
- Collaborates with existing health precinct infrastructure and services.
- Provides timely access to adult clinical services, including emergency surgical assistance for women and medical retrieval of critically unwell patients.
- Collaborates with community services to deliver safe and high quality care throughout the consumer's journey.
- Supports the transition of care for young people to adult clinical services.
- Prioritises the attraction and retention of a highly skilled workforce and fosters a culture of staff wellbeing.
- Integrates education, training and clinical research into practice.
- Provides services that incorporate Aboriginal cultural beliefs and practices which encompass community, social and emotional wellbeing.
- Recognises and supports the diverse cultural beliefs and practices of the community.
- Incorporates contemporary and innovative technology that supports future healthcare practices.
- Delivers an innovative and environmentally responsible healthcare facility.
- Ensures operational efficiency and sustainability.



nWCH Guiding Principles

Guiding Principles are overarching philosophies that inform and guide the project.



nWCH Guiding Principles

Person and Family Centred Care

The nWCH project will incorporate the principles of **Person & Family Centred Care** by:

- creating spaces that reflect the diversity of our consumers
- partnering in a meaningful way with consumers and community to co-design services

Health and Wellbeing

The nWCH project identifies the importance of **Health and Wellbeing** to:

- promote consumer, family/carers and staff wellbeing
- enhance consumer and staff safety
- provide a positive workplace culture that attracts and retains staff

Engagement

The nWCH project will facilitate **Engagement** of consumers, staff and other stakeholders for the:

- health and wellbeing of Aboriginal people
- diversity and cultural needs of all accessing and working in our services
- accessibility, linguistic diversity, beliefs and identity of members in our community

Innovation

The nWCH project will ensure that **Innovation** is applied with the:

- opportunities to improve, streamline and integrate services and clinical practices
- integration of systems
- incorporation of new and evolving technologies
- relationship between data, research and clinical services

Education and Training

The nWCH project will embrace **Education and Training** by:

- strengthening our learning culture of continuous improvement and innovation
- embedding education and research within clinical services
- collaborating with education partners

Environment

The nWCH project will create an **Environment** that:

- enhances consumer and staff experience
- supports environmental sustainability
- connects with nature

Accountability

The nWCH project will ensure **Accountability** by:

- enabling a collaborative and equitable process for all stakeholders
- creating services that are flexible and adaptable
- promoting value for money
- supporting operational sustainability

Research and Best Practice

The nWCH project will use **Research and Best Practice** values to:

- apply evidence based design principles
- continue to promote research that translates into practice
- create spaces to deliver care now and into the future
- improve consumer health outcomes and wellbeing
- integrate research, services and clinical practice



nWCH Strategic Design Principles

The Strategic Design Principles will guide and direct all those who will be leading and participating in the planning of the nWCH and will inform the decision-making process.

Strategic Design Principles for the nWCH

1. Promotes integrated and collaborative health services for women, neonates, children and adolescents. This includes Person and Family Centred Care, recognising the different health care requirements for women, neonate, children and adolescents.
2. Provides equity, access and respect for diversity, including a specific focus on the cultural needs of Aboriginal and Torres Strait Islander people; minority and vulnerable groups within the user population.
3. Provides a safe and secure place for consumers, staff and visitors.
4. Integrate Arts in Health concepts to enhance the consumer experience and promote positive health outcomes.
5. Co-locates similar and supporting services together to achieve optimal functional relationships and efficiencies, sharing of facilities and effective work flows and practices.
6. Focuses on patient privacy, separate public and patient care areas and avoid unnecessary patient and staff travel and duplication of resources or effort.
7. Apply evidence based and benchmarked design:
 - 7.1. Clinical excellence, supported by research and education
 - 7.2. Continued reform of clinical practice (e.g. clinical service redesign)
 - 7.3. Operational efficiency – patient flow driven
 - 7.4. Cost efficiency – including minimised duplication
 - 7.5. Healing environment
8. Use of the Australian Health Facility Guidelines, where they apply. In areas where the Guidelines are silent, use of principles developed in consultation with clinicians which are evidenced based and supports best practice.
9. Use of standardised layouts and designs that promotes way finding and minimisation of clinical errors.
10. Integrate collaborative research and education to encourage research, education and training and promotes linkages with medical research, educational partners and clinicians.
11. Sustainability:
 - 11.1. Future proofing through flexibility of design, usage and spaces – to achieve in-built flexibility and adaptability to manage obsolescence and support changing work practices.
 - 11.2. Environmentally sustainable design to minimise the carbon footprint of the hospital.
 - 11.3. Workforce - to positively influence the attraction and retention of staff.



12.Strategic Design Principles for the nWCH (continued)

13. Offer a post-disaster capability.
14. Supports efficient and safe service delivery in the event of pandemics, including the system-wide role that the WCHN plays in such an event.
15. Demonstrates value for money.
16. Optimise the integration with the Royal Adelaide Hospital (RAH), capitalising on existing government infrastructure and investment, as well as identifying other complementary requirements that could optimise the nWCH.
17. Provide staff, goods and consumer linkages that maximise the sharing of nominated facilities within the RAH and nWCH, and Adelaide Biomed City.
18. Promotes innovation in health care delivery, research, education and training through built facilities designed and constructed to:
 - 18.1. Promote optimal health care through the application of national and international design innovations and solutions to support new service delivery models, practices and processes that focus on the needs of the patient and co-ordination of multi-skilled staff.
 - 18.2. Enhance care co-ordination using information and communications technology to integrate and exchange patient information within a privacy framework environment.
 - 18.3. Has strong visual and actual linkages with outdoor spaces and landscaping.
 - 18.4. Support ongoing state of the art clinical and teaching work practices incorporating application of the latest equipment and technology.
 - 18.5. Provide optimal access for staff/patients and visitors through effective links with local public transport systems and the provision of facilities to support active mode travel.
 - 18.6. Respect the urban environment and be visually and actually permeable from the city to the adjacent Adelaide Park Lands.

Decision Making Criteria

In addition to the Strategic Design Principles, measurable criteria will form the basis for decision making related to key issues elicited from the various user groups and reference groups and will include:

1. Safety and quality
2. Policy - legislative, DHW (state-wide), national, clinical
3. Epidemiology – population demand modelling, activity, volumes
4. Recurrent cost
5. Workforce
6. Capital cost



Design Parameters

Design parameters, based on recent national and international developments (inclusive of COVID-19 pandemic response) and endorsed by Executive Steering Committee, will underpin the planning process and include:

1. Integrated service configuration will be fundamental to the planning for the nWCH.
2. Provision of spaces and environment that support person and family centred care and recognises the diversity of consumers and staff.
3. Elective and emergency patient flow will remain integrated.
4. Ambulatory care/same day and multiday patient flow will be separated where clinically appropriate.
5. Separation of patient spaces from staff offices/spaces will be the standard.
6. Centralised outpatients will be the standard.
7. There will be generic designs for efficient ward size and layout, and, office spaces and meeting rooms.
8. Flexible and efficient design elements will support the determination of single bed and multi-bed ratios for paediatric and women's service areas that meet clinical care and safety requirements.

