



HEALTH PRECINCT ADVISORY COUNCIL

Te Papa Hauora

Strategic Plan
2015-2020

Canterbury

District Health Board
Te Poari Hauora o Waitaha



Background

Te Papa Hauora/Health Precinct, one of the key Christchurch Central Recovery Plan Anchor Projects, has great potential to contribute to the continued uplift in the regional economy. Master Planning advice envisions a world-class built environment catering for undergraduate health professionals and a wide variety of postgraduate and professional development activities. The teaching and research activities will lift the profile of applied research and development, act as a magnet for talent and attract relevant industry investment in the medical technologies, devices, m-Health and imaging areas.

CERA/CCDU is actively assisting the stakeholder institutions (CDHB, the University of Canterbury, the University of Otago, Christchurch and CPIT and Matapopore [the Ngāi Tūāhuriri earthquake recovery steering group]) to develop new facilities and the CCDU Investment Team is progressing discussions with a range of national and international private sector interests, and facilitating private sector development¹

Vision Statement

In late 2013 the participating institutions developed a vision statement

“The Health Precinct is the hub of a creative and inspiring network that integrates world class healthcare, research and innovation, education and industry with a strong emphasis on population health. It will accelerate economic growth, act as a magnet for talent and promote community well-being”



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The Advisory Council

In 2014, the stakeholder institutions established an Advisory Council to ensure that the vision is realised, recognising that success will require strong leadership, investment in kind and funds, and collaborative effort to achieve long term goals. The Council has recently employed an Executive Officer to ensure that the project picks up the pace and delivers a strong action focussed work plan.

¹For further information see: <http://ccdu.govt.nz/projects-and-precincts/health-precinct-or>
<http://ccdu.govt.nz/sites/default/files/christchurch-health-precinct-master-planning-advice-updated-15-august-2014.pdf>

Purpose

The purpose of the Health Precinct Advisory Council is to facilitate and drive concerted action by key stakeholders who have an interest in the success of the Health Precinct and to harness and drive the collective passion and enthusiasm of key stakeholders and partners. In essence, the Council's role is to achieve;

Excellence through innovation,
education and collaboration

and to

Embrace new ways of
working for a healthier future

Bold Goals

The Health Precinct Advisory Council has identified a number of bold goals, which, if achieved, will lead to the realisation of the vision for the Health Precinct.

- Build on the current strong existing foundations to cement an internationally recognised hub that is world-leading in its approach to research, education, training, professional development, innovation and service delivery in a range of health, allied health and community health areas;
- Make Christchurch an investment magnet for multi-national corporations, philanthropic funders and the private sector locally, nationally and internationally to enhance and support activity taking place in the areas of innovation, IT, commercialisation, research and clinical trials;
- Develop an innovative, coordinated and sustainable health ecosystem across the region and South Island.

Our proposition is that the Health Precinct will deliver on the vision by creating positive change in a number of areas including health outcomes, economic growth, workforce innovations and intergenerational benefits for Māori within the tribal region of Ngāi Tahu. The Advisory Council has developed six outcome frameworks each identifying the long, medium and short term goals we are striving to achieve.

The long term goals have been identified as:

- The vision, purpose and strategies of the Health Precinct Advisory Council are identifiable by members of the public, health providers and the private sector locally, nationally and internationally;
- The Research Centre of Excellence contributes to the economic uplift of the region;
- Improved delivery of health care and increased capacity and capability of the work force in high priority workforce vocations;

- Improved safety and quality of care delivered resulting in improved patient outcomes;
- Improved health outcomes as a result of changes to service delivery, medical interventions and treatment options that arise from the growth and expertise in clinical trials;
- Health IT platforms are streamlined, consistent and provide timely and effective information across the Canterbury Health System.

Overarching Outcomes

This is very much a once in a lifetime opportunity. Although, there is much to admire in the current work of the stakeholder institutions, realising the true opportunity of the Health Precinct demands a bold collaborative effort that transforms everything through cross cutting inter-disciplinary projects. Achieving innovations in clinical services and professional practice, translational research and the generation of new Intellectual Property, the Precinct will become a destination of choice for students, researchers and industry.

Health Precinct Advisory Council Strategic Plan 2015-2020

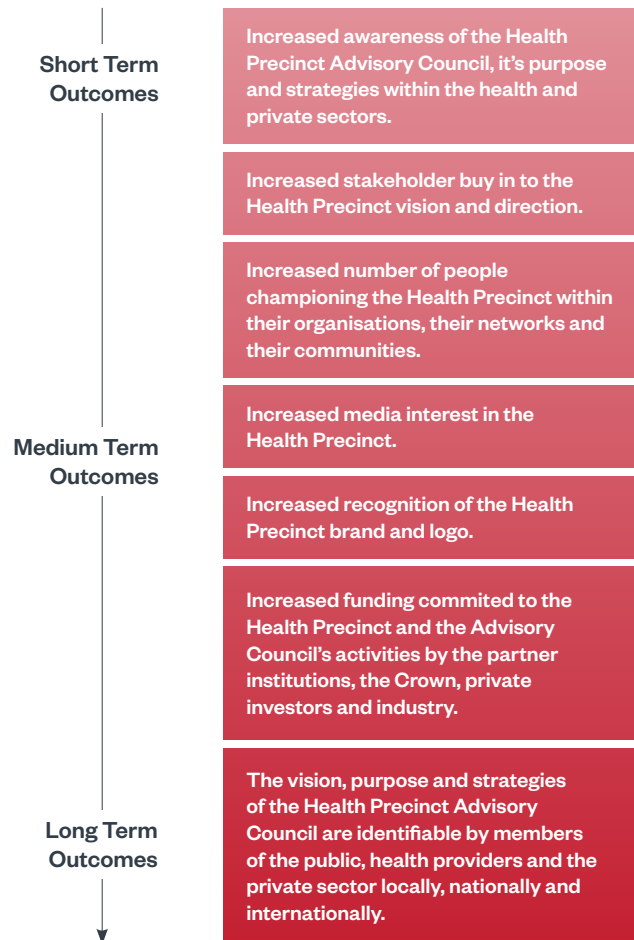
International visits, discussions with key overseas and New Zealand researchers, officials and private sector interests have informed the initial six strategic themes for the Advisory Council which have been identified as follows:



1. Enhance the Profile of the Health Precinct

At present the Health Precinct Project lacks a significant public awareness campaign. .
 A major launch event will be held in May 2015.

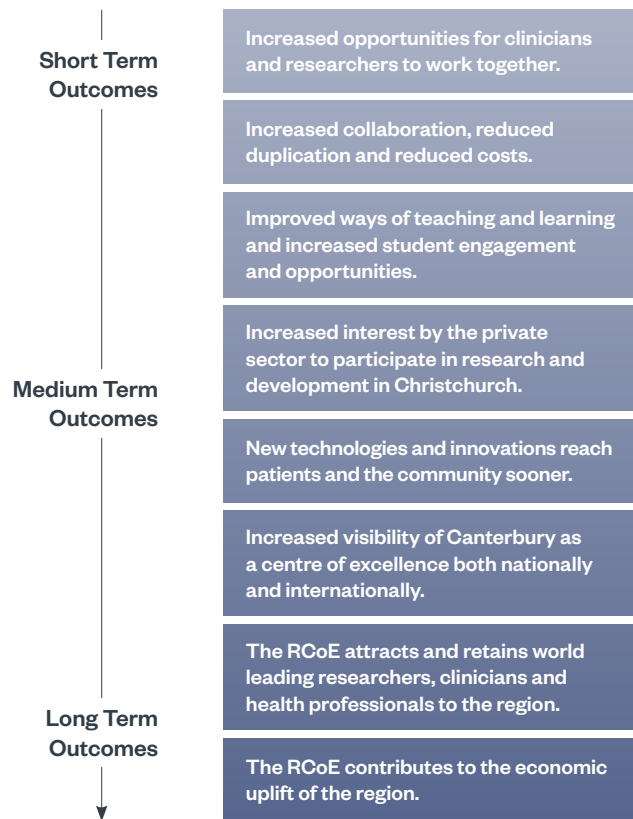
Strengthening our connections nationally and internationally is vital if we are to model the Christchurch Health Precinct on other international Precincts in Singapore, Boston, Melbourne and Waterloo in Canada. Enhancing the profile of the Health Precinct and strengthening our relationships and collaborations will allow us to work on bringing all the critical success factors together (such as an emphasis on co-location) to ensure that the entire innovation ecosystem is working to good advantage. The Canterbury Development Corporation (CDC) and other international advisors will assist us, and the Advisory Council will ensure that relevant officials in key agencies are kept closely informed about the project (such as MBIE, Ministry of Health, Tertiary Education Commission, NZ Trade & Enterprise and Callaghan Innovation).



2. Enable the Development of a Research Centre of Excellence

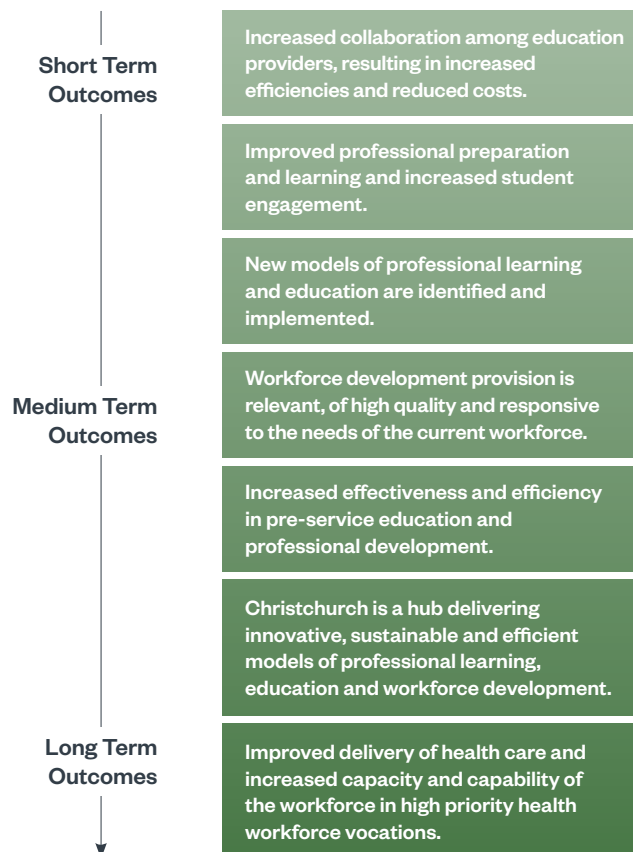
Most leading precincts have a Centre/Institute which acts as a beacon for talent, funding and collaborative partnerships. Following a national workshop held in late 2014, it is proposed that a Research Centre of Excellence be established in the Precinct focussed on medical technologies and devices with a strong emphasis on imaging and underpinning software/signal processing. Applied research, innovation and product development in the field of orthopaedics and tissue engineering will also be a key feature.

An Indicative Business Case is to be developed for the proposed Centre which will assess the costs, likely economic benefits and the appetite of the private sector to co-invest in kind and cash. This process is being funded by CERA's Christchurch Central Development Unit (CCDU), and will be delivered by PriceWaterhouseCoopers.



3. Develop Innovative Models of Professional Learning and Education

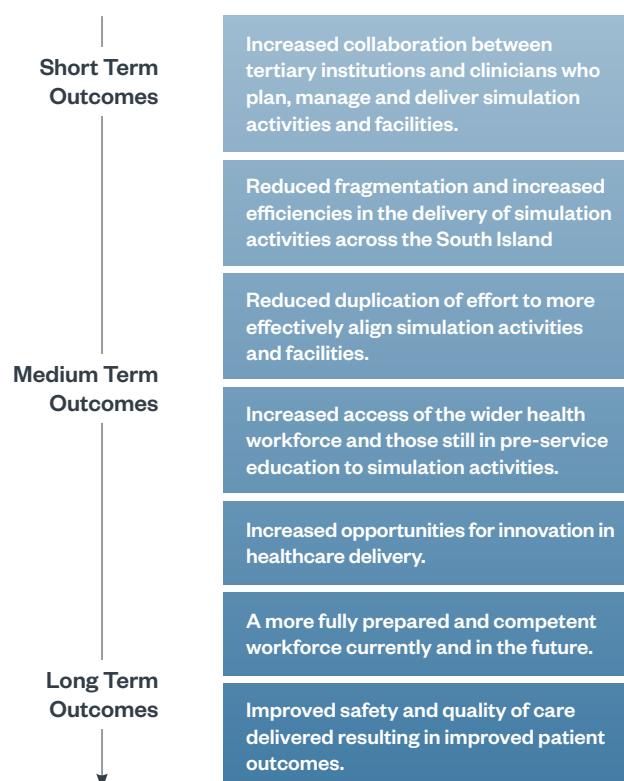
The ability of New Zealand's future health workforce to meet growing needs and changes in service provision is of great concern. An aging population and an ageing workforce portend a crisis in the next 15 years. Innovative new practices are required and a range of options for establishing new health professions need to be explored. CPIT, the University of Otago and University of Canterbury have a strong and proud history of providing high quality undergraduate, post-graduate and professional preparation and learning in the region, attracting students from across New Zealand and internationally. CDHB, as the region's largest employer of these clinicians also plays a key role in progressing projects in this area along with professional bodies and Health Workforce New Zealand.



4. Contribute to Advancements in Clinical Simulation

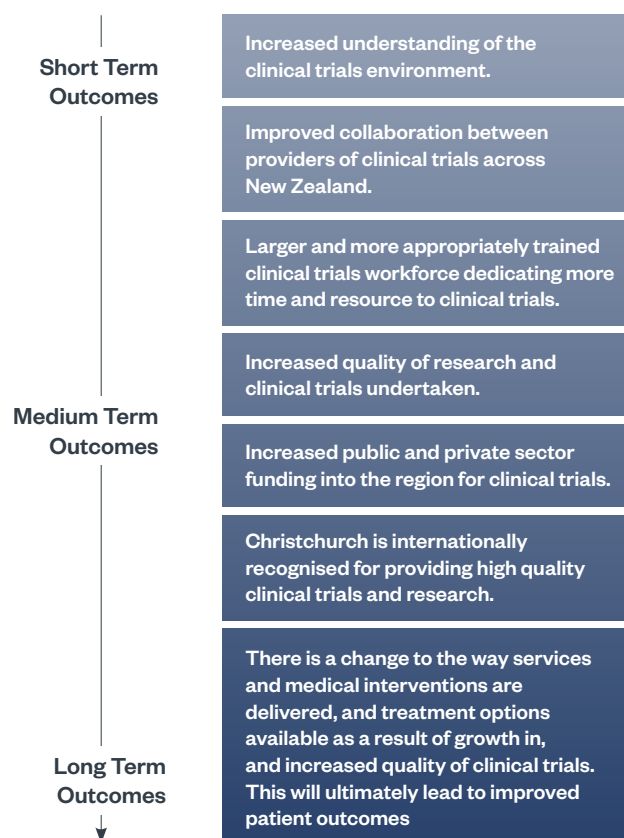
Health care simulation can be defined as a tool, device and/or environment in with which the learner or subject interacts to mimic an aspect of clinical care. The role of simulation in health care continues to expand and a fully effective simulation programme needs to have aspects that are conducted within a specific simulation environment and others that are within the actual clinical environment (in situ). Improving the provision of, and access to, clinical simulation activities within the Health Precinct is an important strategic theme as good simulation and human factors practices positively impacts on patient safety and outcomes.

The Health Precinct provides an opportunity for CPIT, the University of Otago, Christchurch, the University of Canterbury and CDHB to more closely align their simulation activities, more accurately determine the simulation needs of the wider region and take a more coordinated approach to the planning and delivery of those activities. The Health Precinct Advisory Council has an opportunity to support and facilitate this process.



5. Enable the Growth of Clinical Trials

Christchurch and Auckland both currently have a strong presence in the Clinical Trials business, ranging from Phase I studies in normal volunteers, through to multi-centre trials in hospitals and the community. Christchurch has the experience and infrastructure to support this activity and to expand on what is currently delivered in the region. To enable further growth and greater visibility outside Australasia, a range of investments will be required including better facilities, enhanced soft infrastructure, coordinated marketing with Auckland and stronger linkages with leading Australian providers. The Health Precinct Advisory Council can support growth by facilitating discussions between key stakeholders with the aim of identifying and implementing opportunities for shared facilities, expanded resources and improvements in professional development.

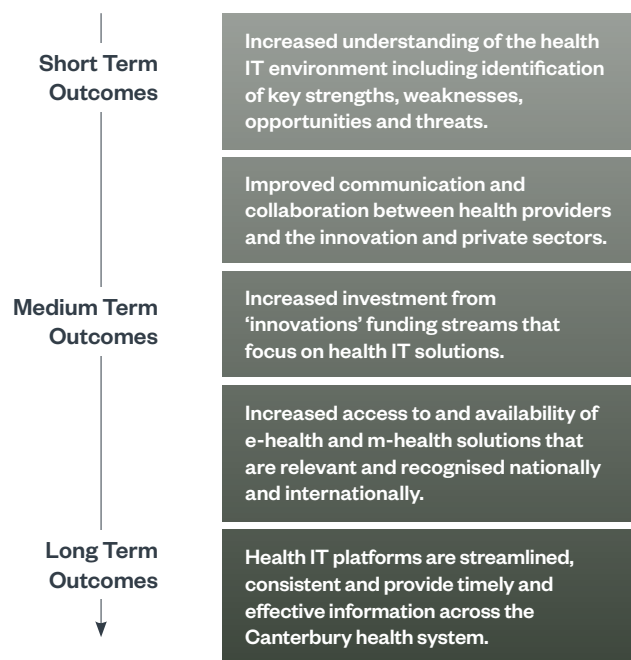


6. Strengthen the Innovation Ecosystem by Enabling and Facilitating Advancements in Health IT

ICT has a prominent role in supporting health care delivery and improving the quality, safety, effectiveness, efficiency and the patient's experience of care. Achieving these improvements requires a balance of automation, strategic innovation, health and business analytics and change management. The Canterbury Health System has a proven record in ICT innovation, strategic relationships with health ICT vendors in particular Orion Health and the capability to complete large scale change. It is these skills and relationships we will continue to build on.

The future will be substantively different from today. Part of this change will be driven by the development of more sophisticated information systems and health technology that is tightly integrated and centred on systems, where data is collected in real time and where it follows patients through their care journey.

Christchurch is already home to thousands of innovative students and a large number of SMEs in the software industry. The Health Precinct Advisory Council, alongside the CDHB and Canterbury Development Corporation will work together with key industry partners to develop an integrated and innovative platform that will support the delivery of more integrated and personalised health care.



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