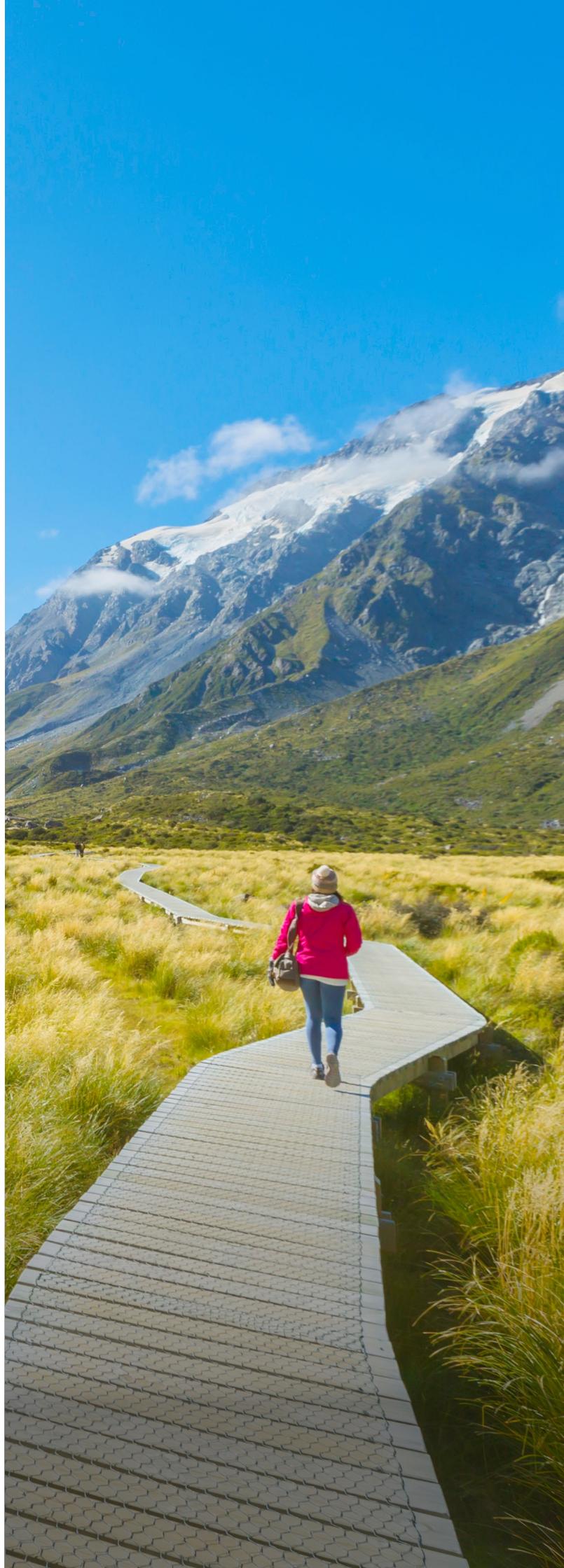


The South Island Alliance connects care across the entire health system

Orion Health Case Study:
South Island Alliance

New Zealand

www.cdhb.health.nz



The South Island Alliance of district health boards (DHBs) is creating a people-centred health system. The Alliance enables the five South Island DHBs to work collaboratively to develop more efficient, innovative health services. The Alliance's framework is based around the notion **best for people, best for system.**

The Journey

Orion Health and Canterbury DHB have worked together since 2007, in a long-term strategic partnership, to achieve a connected health system.

A dedicated team based in Christchurch allows for rapid delivery and development of new software and ensures innovation is driven by the needs of the customer.

South Island people frequently cross DHB boundaries, so the South Island Alliance identified the need for health information to follow the people as they move across health systems and between services.

In 2018, the partnership between Canterbury DHB and Orion Health was replaced with a new agreement that includes all five of the DHBs that make up the South Island Alliance: Canterbury, Nelson-Marlborough, West Coast, South Canterbury and Southern.

Orion Health and the South Island Alliance work closely together to deliver a common technology platform that spans the hospital, primary and community care sectors with the ultimate goal of transforming the health system across the entire South Island, so that everyone receives the optimal care for them, as close to home as possible.

The Solutions

HealthOne

HealthOne is an electronic health record that extracts key clinical information from primary, pharmacy and private provider patient management systems, and integrates it with secondary care information into one secure, patient-centred record.

Commissioned by Canterbury DHB and developed in partnership with Pegasus Health and Orion Health, the system provides access to the most up-to-date clinical information for more than one million people in the South Island.

Clinicians delivering care, both within a hospital and across a number of community providers, including emergency services and pharmacies, can access a record for people they are caring for according to their role. This helps them make faster, safer and more informed decisions.

HealthOne contains more than 80 million pieces of patient data (e.g. a diagnosis, prescription, dispensed medication) and the system is accessed more than 75,000 times every month. In addition, a range of shared care plans are available within HealthOne to ensure consistent care by providers across the system.

The transformational solution was awarded "Best Technology Solution for the Public Sector" at the 2017 Hi-Tech Awards.

Health Connect South

Health Connect South, the South Island's in-hospital electronic clinical record, is fully integrated with HealthOne. This provides hospital clinicians with a single view of patient records.

Key to this is an instance of Orion Health's Clinical Portal, giving clinicians single signon access to a range of hospital applications including a personalised patient summary, as well as other health IT systems.

Clinical documentation functionality allows clinicians to enter information directly into a set of templates such as discharge summaries, progress notes and clinical forms, which are then stored in the Clinical Data Repository. The modular nature of this solution allows for new clinical systems to be added over time, providing a versatile and configurable system that can respond to new requirements and implement new models of care into the future.

SI PICS

The South Island Patient Information Care System is a comprehensive patient management and administration program, enabling the efficient management of patient demographics, appointment booking, waiting list management, patient transfers, patient activity records, reporting, admission and discharges.

It is live across both Canterbury and Nelson Marlborough DHBs and will be implemented across the remaining three South Island DHBs by 2020, ultimately replacing eight patient administration systems.

A single patient administration system across the region provides a smoother journey for patients through the health system, with seamless transfers of care between providers across the entire South Island.

Shared Care Planning

Shared Care Planning is the consolidation of a number of care coordination solutions to enable all clinicians involved in the care of a person to provide consistent services.

Spanning a range of care plans, Shared Care Planning focuses on keeping people well at home and in their communities.

The Advance Care Plan enables a competent person to think about and discuss with their families and primary care clinicians, their wishes concerning the medical care and treatment they want to receive at the end of their life. Their wishes are documented in the plan online.

The Acute Plan informs acute providers about the patient and the community-based services that a person has received. This information includes normal observations for the patient (e.g. their normal blood pressure), key warnings, preferred place of care, conditions, plus services required to recover at home. Having this information readily available enables acute services to deliver care more effectively and efficiently.

The various care plans empower members of multi-disciplinary teams from across the South Island to proactively and collaboratively manage patient care, from within their own patient management systems, via HealthOne and Health Connect South.



Orion Health has been able to bring together all the technical aspects in what is a really complex and difficult area and bring our vision to life. They have been tolerant and patient – and most of all they have listened to what we are trying to achieve. We now have a partner who is embedded with our clinical teams in hospital and primary care and is intuitively working with us to create something that works for both patients and our community.

David Meates
CEO Canterbury and West Coast
District Health Boards

The Results

These innovative solutions enable clinicians to view and contribute towards a single shared electronic health record, enabling better patient care and outcomes.

The chance of medical errors leading to patient harm is significantly reduced by giving clinicians access to all the information they need, at the point of care.

Clinicians across the South Island can see relevant information within seconds and the unified view of patient records via single signon means they spend less time logging into multiple systems and more time with their patients.

Access to a shared health record also contributes to more efficient use of valuable health resources. Being able to find a person's prescribed and dispensed medications reduces duplicate prescribing. Similarly, easy access diagnostic test results performed by other clinicians in the health system reduces duplication and saves the patient time.

More than 2,000 Cantabrians are using Advance Care Plans. Care plan alerts in Health Connect South ensure these are visible to clinical staff. The majority of patients with these plans have been able to die in their preferred place, reducing the proportion of people dying in hospital to 18%.

Together, the South Island Alliance and Orion Health support DHBs to deliver value and outcomes that make a lasting difference to the lives of all South Islanders and represent a significant stride towards achieving an integrated health system that puts the consumer at the centre of care, saves time, resources and money, and delivers a world class health experience.

Orion Health

At Orion Health, we are building thinking software for life. Our new generation eHealth software provides an open platform that seamlessly integrates local, regional, and national data, making it more readily available to doctors, nurses, specialists and patients themselves. We believe that our software, built on new generation technology, will give everyone healthier, happier and longer lives.

Find out more at: orionhealth.com