# IMPROVING LIVES

## Managing health through physiological monitoring

www.kiteahealth.com

kitea HEALTH

Imagine you have a chronic health condition that will see you repeatedly hospitalised. Imagine also that the only precursor to this event was symptoms worsening. Worldwide healthcare management for a variety of chronic conditions is managed reactively: wait until symptoms change and then act. Kitea Health will change the management of patients from reactive to proactive care.

Heart failure, pulmonary hypertension and hydrocephalus are diseases in which pressure within a specific region is elevated.

We propose that the precise monitoring of pressure will lead to improved management and better clinical outcomes. We will do this via the measurement of pressure within the body through a micro-implantable device.

Kitea will enable people to remain in their own homes and out of hospital whilst having their health needs better managed at a lower cost.

## THE TECHNOLOGY


**1:** Sensor implanted during standard surgical procedure

**2:** Wireless power and pressure reading

**3:** Data stored in cloud via smart-phone technology

**4:** Patients, caregivers and clinicians can access data

## A GAME CHANGING TECHNOLOGY FOR PATIENTS, FAMILIES, CLINICIANS, PAYERS AND PROVIDERS

- A patented implant designed to be placed within the brain for hydrocephalus or cardiovascular system for heart failure.
- World's first pressure sensor to be placed within the brain for long term use.
- The result of 7 years of focused R&D by the Implantable Devices Group at the internationally recognised Auckland Bioengineering Institute.
- A diverse team of researchers, med tech executives and clinicians with line of sight to the first in human use in 2024.
- Received $14M grant funding from Ministry of Business Innovation and Employment, Health Research Council, Neurological foundation, Cure Kids and philanthropy.

Kitea Health is seeking investment to enable first human trials towards regulatory approval in the US and NZ.

**Contact**
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