



# Case Study

## IOT

### Remote Monitoring: **WL&H**

#### Overview

WL&H Medical has been able to create an increasingly deeper and meaningful experience for patients..

### Challenge

With the traditional healthcare model, there was an increased reliance on medical professionals as vital sign checks were only available using individual medical device that were accessible at the clinics or hospitals.

The spot check readings were tedious and time-consuming. With the heavy appointment load, limited medical care was provided as patients were restricted to short engagement at the Point-of Care with medical professionals

The lack of engagement between medical professionals and patients contributed to unnecessary hospital admissions.

More often than not, once patients were discharged from hospitals, it breaks the bond with their healthcare providers, limiting the medical care provided to discharged patients.

## Our Solution

Our remote monitoring solution aims to empower and inspire individual to take control of their health with the help of disruptive technology that enables collaboration to be done remotely between the patients' and healthcare providers.

With our Dyno 50 & Dyno 100, a Single Device That Does It All, Clients were able to measure up to 33 vital signs in less than a minute using just one device. This allows for closed-loop monitoring and early medical intervention were administered through alerts and warnings.

Based on the results obtained, the system would be able to customise reminders and recommend activities, at the same time, users can set goals and engage with the health community through the application, Dyno Life.

As results are sent to cloud, medical professionals were able to access them real-time and analyse past vital signs and trends through the central monitoring system, Dyno Care. This forms a bond between users and medical professionals, as they can get connected with their patients and be alerted of any abnormal readings. Moreover, as health results are easily available at one's fingertips, it motivates and empowers positive behaviours and a healthier lifestyle.

With that said, we are able to transform traditional healthcare model from reactive to preventive and influencing actionable change to an individual's lifestyle.

## Results

By incorporating DynoSense's devices into a clinical setting, patients are able to see in real-time, the collection and measurement of their health data and metrics, providing them a greater sense of engagement. This technology has enabled medical professionals to remotely monitor and track a patient's health metrics, empowering the team of medical professional to provide better and more precise medical advice and lifestyle modification program.

With DynoSense's devices, data collection and tracking have been turned into something much more than just numbers on a screen – It has transformed into a meaningful, powerful and actionable change in the lives of the patients..