Tremors with Leap Motion

The Problem

Detecting attributes of tremor in hands is currently a costly, time consuming and semi-invasive procedure. By fitting acceleromaters to a patients fingers and tracking the movements with large and expensive machines, information about 1 finger can be retreived.

The Solution

Dr Philip Michael discovered the Leap Motion device and immediately saw the potential to change a costly, time and space consuming procedure in to an easily accessible process for patients as well as practitioners

The Technique

By interfacing with the Leap Motion device, the team at Swinburne developed software that is run in a browser and displays results to the patient and practitioner as soon the test is completed. Merely hovering a hand above the Leap Motion device for 5 seconds can analyse the attributes of tremor in the hand.

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LEAP MOTION

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