



ST. VINCENT'S HOSPITAL REHABILITATION DEPARTMENT EQUIPMENT PROJECT

This was a genuinely interesting project that in late 2017/early 2018 landed on the Waverley Shed's door-step. At the request of the Rehabilitation Department of St. Vincent's Hospital for us to make some equipment, all we were provided were some photographs of what was required.



This total lack of detail caused no barrier to **William Honeyball** and **Peter Black** who completed the project.

The first item to be made was relatively simple, it was a box with a bracket that could be hung over the end of a bed so that the nurses could put things into them while they attended to other things.

The next item is quite intriguing. It is a

mirror box triangle utilised by patients to treat pain and disability in the hands or feet after, for example, a stroke.

The mirror therapy works to exercise the brain and to trick it into believing that the reflection of a healthy hand or foot is actually the impaired hand or foot and the patient can then exercise the impaired limb, in the brain, by performing movements with the healthy limb. The patient's impaired limb is placed behind the mirror so all the patient can see is the healthy limb in the mirror.



Finally a slide box was required, the operator can adjust the tension (elastic straps) that the patient needs to work against in

moving the slide (which is constructed on 4 rollers that can turn in all directions) back and forth in the trough of the box.

The project was a resounding success, we believe that all the equipment is in use at St. Vincent's Hospital.

