Project title: Describing the current clinical utility of technology in rehabilitation

HREC number: LNR/2019/QMS/55674

- Need for awareness and skill of clinicians
- Need for resources and access to trial and test equipment
- Need for space and more time
- Need for technical support
- More funding~!
Fellowship funded to close the gap between unmet research and create opportunities within the health care setting.

Objectives of the fellowship

1. Build awareness, skills and resources through a technology-focussed Occupational Therapy clinical service to patients within the PAH embedding the interface between patients, clinicians, developers and researchers (socio-technical space)

2. Lead service development and discrete close to practice research initiatives.

3. Develop and deliver a scope of research activity and service development
Article

HabITec: A Sociotechnical Space for Promoting the Application of Technology to Rehabilitation

Elizabeth Kendall 1,*, Soo Oh 1,2, Delena Amsters 1,2, Mary Whitehead 1,2, Justin Hua 1, Paul Robinson 1, Dinesh Palipana 1,3, Andrew Gall 1, Ming Cheung 4, Leigh Ellen Potter 5, Derek Smith 6 and Brett Lightfoot 7
Enquiries:
- Self management for people who have suffered a stroke
- Music sharing platform for a singing teacher
- Computer access for someone who cannot use their arms or are blind
- Joystick controller modifications
- Virtual assistants to help with self management
- To use their phone and browse the internet
1. Build awareness, skills and confidence
   - The HabITec Lab
1. Build awareness, skills and confidence
   - Information session: October
2. Identify and initiate research networks and partnerships to enhance capacity and sustainability

- School of Information and Communications Technology

Feasibility of the use of virtual assistants in the rehabilitation setting at a Hospital

3821ICT Work Integrated Learning

2019

Griffith University
3. Lead interdisciplinary research initiative to embed new knowledge within rehabilitation services at PAH

- Use of virtual assistants for self management and access to nurse call
- Surgical tools for a person with tetraplegia
- Home to hospital project
- Impact of the introduction of HabITec