

The Hopkins Centre

Research for Rehabilitation and Resilience



HablTec

Soo Oh

Bold ideas. Better solutions.



Metro South Health



Queensland Government

A joint initiative of the
Division of Rehabilitation, Metro South Health, and
Menzies Health Institute Queensland, Griffith University.

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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~!

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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

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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

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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 to with self management
- To use their phone and browse the internet

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1. Build awareness, skills and confidence
 - The HabITec Lab



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1. Build awareness, skills and confidence
 - Information session: October

Information session:
Apple products
'Hear and try' all about their devices and the new iOS 13 featuring 'Voice Control'
HabITec
Friday 25th October
1.00pm - 2.30pm

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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

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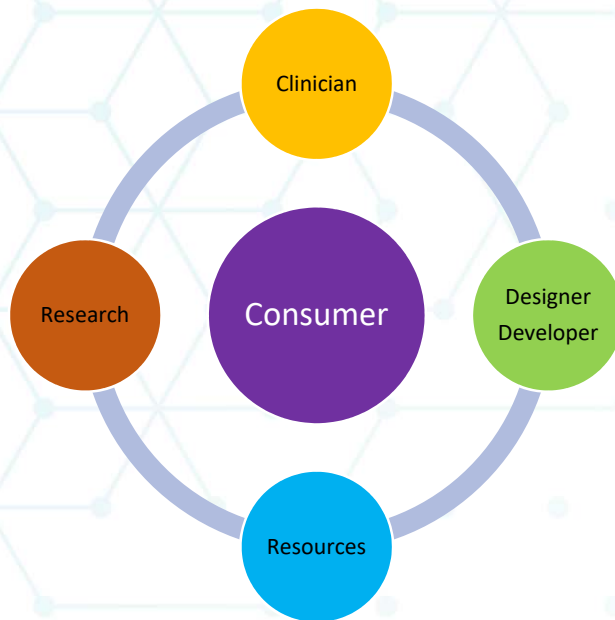
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3. Lead interdisciplinary research initiative to embed new knowledge within rehabilitation services at PAH



- 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

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