

### **Project Title**

Value-based Introduction of Exoskeletons for Gait Rehabilitation in Physiotherapy

### **Project Lead and Members**

Project members: Lee Y.Y.A, Tan M.L.J, Low A.Y, Chew L.C, Thilarajah S, Woon E.L,  
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### **Organisation(s) Involved**

Singapore General Hospital

### **Healthcare Family Group(s) Involved in this Project**

Allied Health, Healthcare Administration, Medicine

### **Applicable Specialty or Discipline**

Physiotherapy, Medical & Clinical Services Office, Rehabilitation Medicine, Innovation  
& Technology

### **Project Period**

Start date: April 2022

Completed date: October 2023

### **Aims**

To investigate whether 1) we could successfully adopt and sustain the use of RAGR in our hospital setting and 2) whether adding RAGR to usual care would result in higher functional mobility gains in stroke survivors.

### **Project Attachment**

See poster appended/ below

### **Background**

See poster appended/ below

## **Methods**

See poster appended/ below

## **Results**

See poster appended/ below

## **Additional Information**

National Healthcare Innovation & Productivity (NHIP) 2024 – Best Adopter

## **Conclusion**

See poster appended/ below

## **Project Category**

Care & Process Redesign

Value Based Care, Functional Outcome

## **Keywords**

Exoskeleton, Gait, Rehabilitation

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