



Virtual Rehab Technology Solution
Validation

Results of trials conducted in 2018 at York University

&

2019-2020
Physical Activity Center of Excellence
McMaster University

## R&D Journey and Partnerships

2013-2018

Using Technology to address Complex Chronic Illnesses – Mental & Physical 2015-2019

Virtual Care to increase SCI Patient Access to care & support

2018-2020

Virtual care platform to manage psychotic youth mental health issues

2019-2020

Validation of a model of care using advanced digital technology for MSK/Rehab













Inspired Care. Inspiring Science.













SCIENCE





## Technology-Driven Care Delivery Model

#### Virtual Tools for Pre-Op, Cognitive & Post-Op Rehab Support

In home use by patient to enhance rehab & cost reductions













**Pre-Op ROM Assessments** 

Post-Op Discharge Rehab

A.I- Enabled Prescribed Rehab

#### Point of Care assessments for rehabilitation support













Patient to Treatment

praHealthyM

Rehab Center

A.I- Enabled Prescribed Rehab

#### Avatars as Virtual Coaches





### Solution Validation - A Comparative Study





Global leader in Motion Capture Cameras, software and Mo-cap systems for the VFX, life science and engineering industries.





















- The system showed comparable reliability to that shown by Vicon.
- The system IS consistent, almost as consistent as the Vicon system.
- The ForaHealthyMe Inc., system may be a viable alternative to the currently used clinical tools. fora**healthy**me™





## Virtual Rehab Trial Results Sample – Elderly Individuals

Embedding established clinical protocols into a computer system to develop new approaches to treat and support patients with chronic health issues such as musculoskeletal surgery, and in need of rehabilitation support.

#### Trial Conducted by:

Dr. Stuart Phillips,

Professor and Canada Research Chair in Skeletal Muscle Health & the Director of the Physical Activity Centre of Excellence (PACE).

PACE enables community access activity and rehabilitation programs to several groups including seniors undergoing rehabilitation for various procedures.









### Virtual Rehab Trial Results Sample – Elderly Individuals

Validation of a model of care that is patient-centric, more cost effective and efficient to deliver using advanced digital technology and outcomes driven analytical models.

"Once you get going, it's not too difficult to use the system"

"Great ideas having a coach, background, demonstrations and coaching about what to do"

"I think it'd be very beneficial down the road for people looking to exercise from a distance"

"The program is logical and easy to follow"

"The idea of a repetition counter to keep track is very good, and so is scoring how well the activity has been completed. With practice, I would probably use the app more."











# ThankYou

Courtney Cole

647-385-8680

courtney@forahealthyme.com

www.forahealthyme.com

