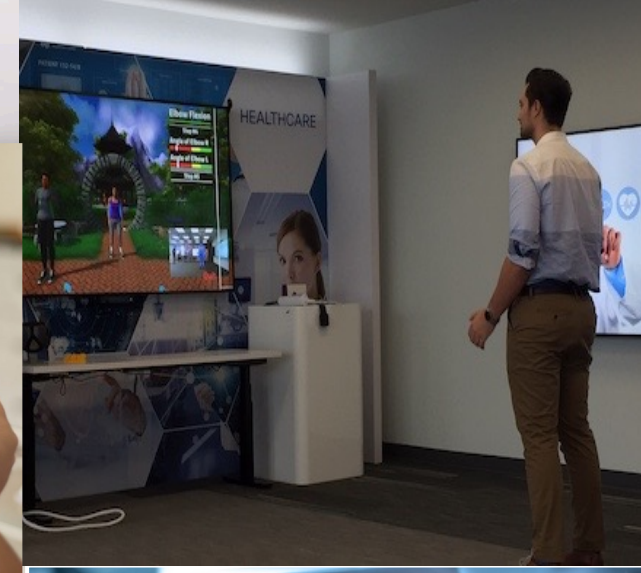


# Integrated AI Tele-Rehab & Remote Therapy Solution

fora**healthy**me™  
Intelligent Virtual Care Systems®



## What We Do

Digital Therapeutic Solutions to remotely treat chronic & acute multi-morbid patients.

- Reduces the risks of re-admissions through remote rehab, tracking, monitoring.

## Treatment area:

- Musculoskeletal
- Post-Op Hip & Knee Replacement
- Rehab from Falls & Trauma

# Current State - Rehabilitation Market Dynamics



## 1 Need for Care at Home & Rehab Increasing:

Acute, chronic health issues, falls, trauma & Sports Medicine

## 2 Aging Population Increasing:

People are living longer, with increased health needs.  
Long wait times.

## 3 Labour Shortage:

Shortage of physiotherapist / healthcare workers in local & remote areas

## 4 Current treatment models increase risks to patients having to visit multiple treatment centers or conduct aspects of their care via video.

# Sample Case - Current vs. Future - Provider/Patient Journey

## Care at Home for patients during Discharge / Post-Op Rehab.

### Current State :

- Dr. James is concerned about his 70-year-old patient, Jane.
- She will face challenges several of his patients have faced.
- Jane will be among the 65% of patients who do not adhere to their rehab care plan.
- To address the issue, Dr. James wants Jane to visit the rehab clinic three times weekly.
- Except, Jane is depressed and not motivated to do her rehab.
- Jane lives 2 hours away from the hospital/rehab facility.
- Jane relies on husband Ted for hospital visits. Ted had COVID and now, limited mobility.
- Dr. James would like to conduct remote follow-ups based on Janes post-op care. Video calls aren't enough.
- Jane will likely be re-admitted due to missed appts., non-compliance & depression.

Dr. James needs technology solutions can bridge the gaps.



### Jane would prefer to:

- Receive her care remotely
- Not travel to the hospital
- Be better able to monitor her progress
- Remotely communicate with her care team
- Ensure that all members of her care team have access to the same data

### Future State - Jane can:

- Perform prescribed rehab protocols to guide hip, knee, trunk, shoulders, and pelvis angle activities.
- Complete required all physical & mental assessments
- Input biometric data – BP, HR, Diet
- Communicate with care team via video calls or use health bot.
- View Health Records to gauge progress
- Participate in one-to-one virtual consults or group/based sessions.

# Partnering with Spinal Cord Injury Ontario - 2019

“ From an organizational perspective, I wanted to challenge how SCIO provided service, how we adopted technology, our willingness to work with the corporate sector, how we managed change and to build a culture more accepting of innovation and risk.

I am greatly encouraged by the positive response from the clients and SCIO staff regarding the value of the system, from the perspectives of utility, time savings and cost savings. ”

Stuart Howe PhD, Chief Executive Officer – Spinal Cord Injury Ontario

Care teams reported time savings of 2 hrs. & **saved** driving distance of **50km** per virtual visit.

**94%** of clients felt that the remote care was relevant to their current management strategy.



Clients reported 3 hrs. saved & **250 kms** avoided.  
**\$300** saved per virtual visit.

Platform enabled members of the circle of care, with permission from the core user, to connect with each other to facilitate synergistic and consistent service delivery.

# Clinician /Patient User Trial –The Netherlands

**Case** Trial at the Radboud UMC to address usability issues and build a use case that demonstrates the suitability of the solution for the Dutch market in Pre-Op Care Programs.

**Feedback** “Impressive platform. While customization is required to meet our needs, it is democratic. Each provider (medical, paramedical, nurse) and patients are at the same platform with easy access, everything can be started from this platform. It offers a good combination of face to face digital conversation, possibility to make notes, share information and several applications. It is well designed and easy to use.”

**Added Value** The added value of the application to healthcare service delivery is the ability to provide at-distance support to patients via monitoring and coaching.

Prof. Dr. Kees van Laarhoven -Dept. of Surgery



# Southlake Health Commercialization Consultation Program

**Program** Review of innovation to provide leading-edge, real-world feedback on the business case, business model, marketing and related assessment by a potential product buyer and actual health provider.

**Opinion** “ForaHealthyMe offers a big solution to a big problem that the health care sector is currently facing. Statistics Canada has noted that thousands of people will suffer increased morbidity and mortality waiting for surgery, a number that has steadily increased due to COVID-19.”

**Conclusion** “Southlake is aware of other companies who offer solutions to a piece of the care journey but are not aware of a single company with a comprehensive single suite product that addresses the whole continuum of care, like ForaHealthyMe.”



# Collaboration with Partners in Hong Kong

**Challenge** In response to COVID-19, the HKCSS required a solution to deliver self-management tools to empower patients to be more proactively in their own care while helping to reduce provider & healthcare system costs.

**Solution** The ForaHealthyMe Intelligent Virtual Care solution is an integrated and comprehensive remote/virtual care technology platform. It is built to move the center of care away from the treatment center and into the community.

**Feedback** “It is a comprehensive platform with different functions. While some tools maybe useful but than the other 50% may not be applicable for the local scene. It would benefit clinic service agency while it can accomplish rehabilitation remotely.”








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# Thank You

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