

The Latest on Gait Aids and Other Assistive Devices



ALISON HA, O.T. REG. (ONT.)
TORONTO REHAB - UNIVERSITY SITE
INPATIENT GERIATRIC REHAB PROGRAM

Overview



- Case study
- Assistive Devices
- Gait Aids
- Funding Sources
- Smart Devices



Mr. H



- Person

- 78 year old
- Widowed ~6 months
- Past Medical History
 - ✦ Parkinsonism
 - ✦ Prostate cancer
 - ✦ CHF
 - ✦ Diabetes
 - ✦ Hypertension
 - ✦ GERD
 - ✦ Gout



Mr. H



- **Environment**
 - Bungalow
 - Supportive son in Richmond Hill, visit 1x/week
- **Occupation**
 - Retired construction worker
 - Independent with ADLs and IADLs
 - Used cane every now and then



Mr. H



- Unwitnessed fall at home
- Found on floor by son, 13 hours later
- Admitted to TGH
 - Diagnosis: Fall, deconditioning, decreased mobility, no fractures
- Transferred to Toronto Rehab



Patient's Rehab Goals



- *I want to go home*
- *I want to take care of myself*
- *I want to walk by myself*
- *I want to be able to go on outings with my family*

Rehab



- **Occupational Therapy**
 - Bathroom assessment
 - Self Meds (Geri Meds)
 - Tremor impacting ability to eat
- **Physiotherapy**
 - Ongoing pain post fall impacting mobility
 - Decreased endurance
- **Fall Risk**

Bathroom



- LOOK modular tub transfer bench
- Swivel tub transfer bench



Medication Management



- LifeLine Medication Dispensing Unit

Video: “Lifeline by Edenton Medication Dispensing Unit”

<https://youtu.be/jjG4HJZCutg?t=25>



Tremor



- Weighted spoon
- LiftWare Technology (by Google)
- Video: “Introducing LiftWare”
- <https://www.youtube.com/watch?v=fSo1kn6YJ94>
- Dycem



Going out



- Car Transfers (Car Cane)
- Plastic bag technique



Mobility Device



- Airgo Fusion 2 in 1 by Drive Medical



Funding



- ADP
 - Type 3 rollator walker
 - ADP price: \$417 (ADP \$312.75, Client \$104.25)
- Hardship Fund (Toronto)
- March of Dimes Assistive Devices Program
- Private Insurance
- ODSP



Falls



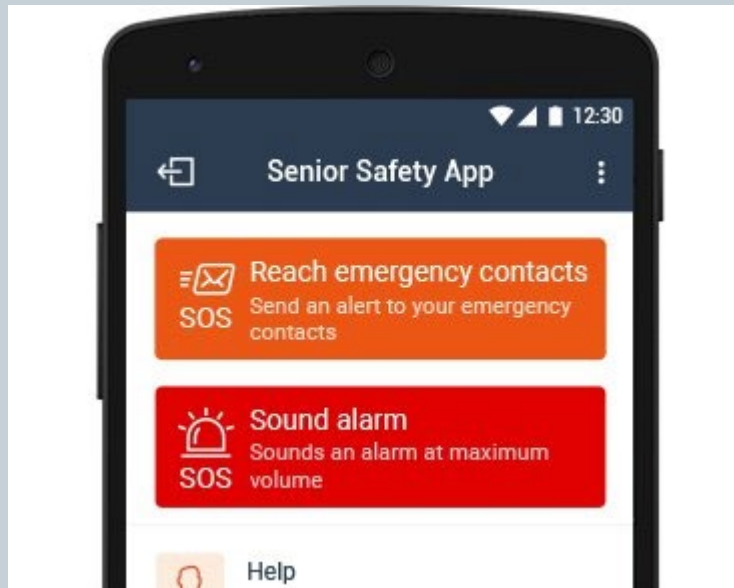
- Smart Fall Detection Devices/Technology
 - Fall Detection on Apple Watch Series 4
 - <https://youtu.be/G7xI2dUPN3A?t=161>



SeniorSafety App



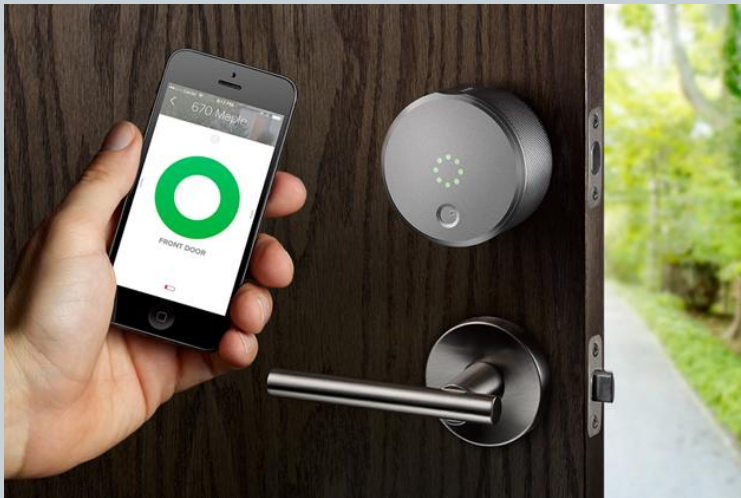
- <https://www.seniorsafetyapp.com/>



Smart Home



- Smart Locks
- Smart Video Doorbell

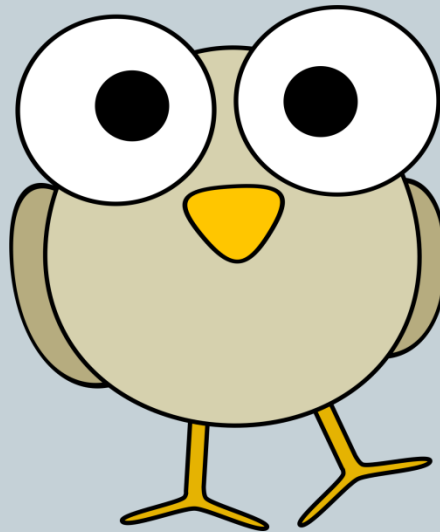


Who can help



- **LHIN**
 - OT home safety assessment
 - Physio assessment
 - Toronto Rehab's Independence At Home (IAH) team
- **Local Vendor**

Questions?



??