



Early Prevention of Elderly Falls

Technology Forum Support to the Elderly and Persons with Disabilities

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Wearable, Mobile, Al Cloud Health Platform



Simple. Fast. Accurate.

Measure beyond what the eyes can see

Early Prevention of Elderly Fall Risk

Awareness, Prevention, and Intervention

Falls are a <u>leading cause</u> of injury for the elderly

- 20%+ of elders suffer from fall each year in Hong Kong and world wide
- 75% of the falls result in fractures and head trauma
- HK\$25,000+ per day hospital injury cost

Falls and related injuries are preventable

- Effectively managing multiple risk factors
- Important part of the Healthy Ageing

Simple Action can make a Big Impact

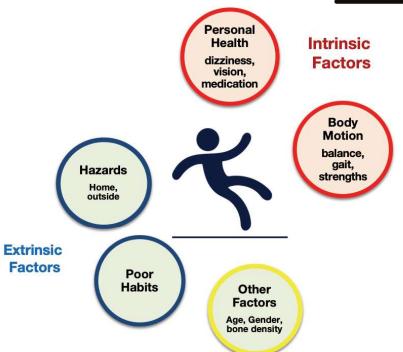


Multiple Factors Contribute to Risk of Falls



Research shows 38.4% of elders are at moderate risk of fall

Many risk factors are not detectable by traditional visual assessments



Identify the "hidden" risk indictors

- Reflected from our body motion
- · Beyond what our eyes can observe

Targeted and effective preventions

- Tailored to the specific risk profiles
- Monitor and track progress







OSPICE™ Portable Wearable Fall Risk Management

1 Sensor



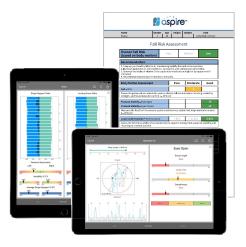
- Paired with mobile app
- Connected securely to cloud
- Patented AI / ML analysis

3 Tests



- Simple and Fast
- Objective and Quantitative
- Anywhere and Anytime.

5 Minutes



- Comprehensive reports
- Tailored recommendations
- Track and monitor progress

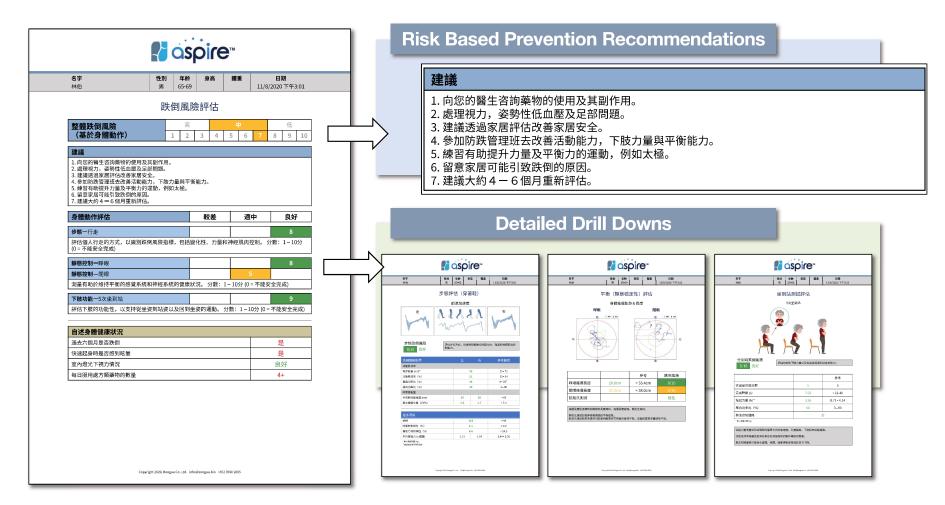




introduction video

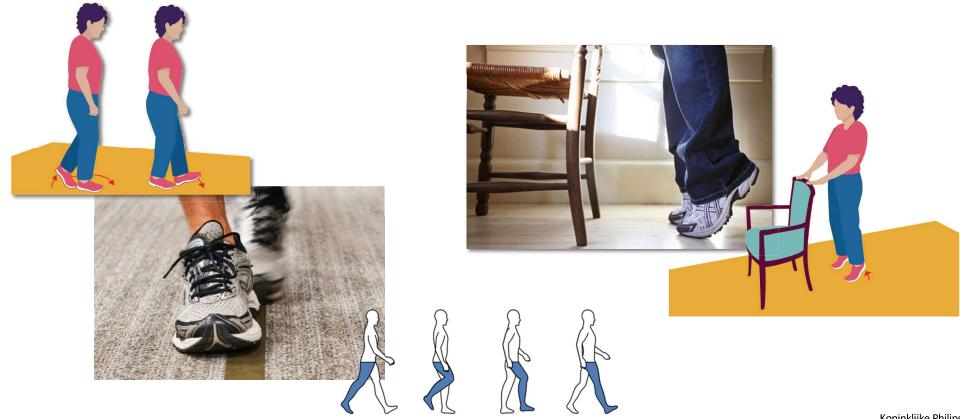


What's my risk level? What do I next?



Simple, Effective, and Evidence-Based

Shuffling vs. a heel-to-toe gait can have a higher risk for falls



Koninklijke Philips N.V

Improving Primary Healthcare

Elderly Community Centre, District Health Centres, Private Clinics

Mobile Health Screening in residential estates

Sensor + iPad + mobile printers at public housing estates

Identify balance decline and sarcopenia

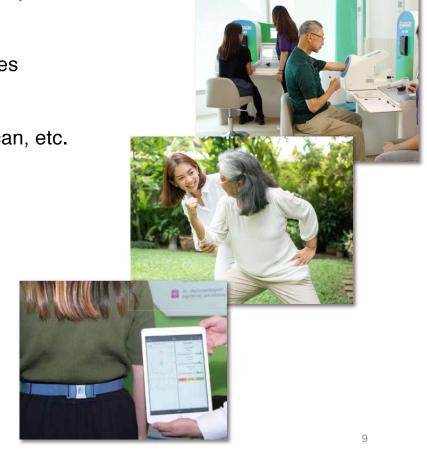
• Combine with glucose, blood pressure, bone density scan, etc.

Promote healthy and active life styles

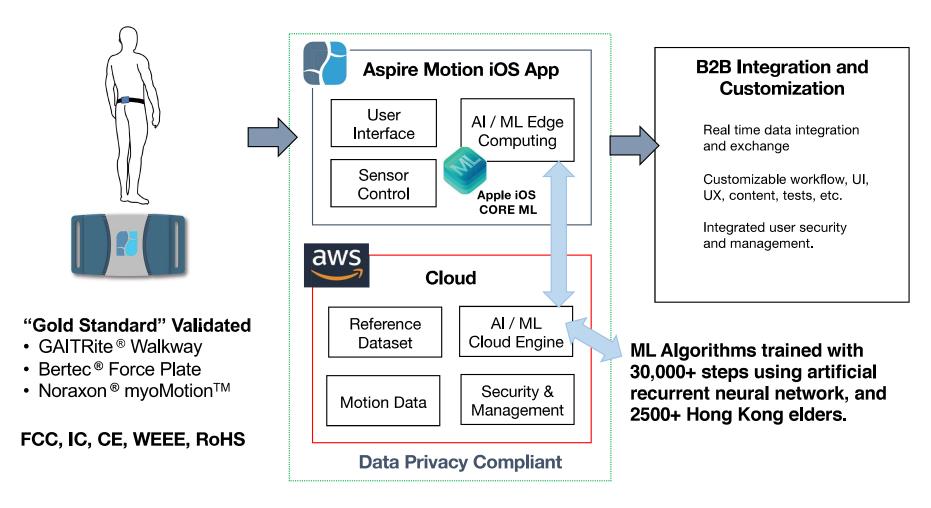
- Quantify feelings with an objective measurement
- Link to services and recommendations

Easy and simple operations

- Operated by assistants, volunteers, and caretakers
- Helping OT and PTs



Patented and Gold Standard Validated



Awards and Recognitions

3 Gold Medals

2017 International Exhibition of Inventions of Geneva







Grand Award and Gold Medal

2019 Asia Exhibition of Inventions



"Simplicity and clear-cut approach to address a socially relevant issue."



Business Innovation Award
2020 TechConnect Innovation Summit







To Happy and Healthy Lives