

Bide®

To reduce the emotional,
physical and financial toll of
preventable nighttime falls on
families and care providers
globally

Dr Tom Adler

Problem



Ageing Society

Currently >500k aged >75 in Denmark

1 in 4 will be >65 by 2050 Falls Common

1 in 2 >80s falls every year

Emergency Room 50000 visits / year

Falls Expensive

Total estimated annual cost of falls in Denmark €1.45 billion / year

Policy



NICE Guideline
NG 249
Falls: assessment
and prevention in
older people and
in people 50 and
over at higher risk

World guidelines for falls prevention and management for older adults: a global initiative

Danish Health Authority

Health promotion
Information dissemination
Prevention strategies:
Home safety
Health management
Assistive devices

Aarhus – per CORDIS



"A Caring Municipality"

Investing time and care into empowering its senior citizens

Innovative
Technological
Solutions

Quality caring services and welfare options

Influx of start-ups

ICT solutions for healthier longer and happier lives

Falls



"The unusually high rate of accidents among old people should be a main concern"

Ilse Adler European Working Group for Senior Self-Help 1961 Nighttime falls

Multifactorial

Detection

Vs

Prevention

Solution Bide®

bide

Bedside device preventing falls by monitoring and responding to user activity

Light and motion sensors detect that user is awake

Bide then lights up and plays reassuring voice messages from loved ones User moves off more safely and with more confidence thereby reducing risk of falling











Falls Detection

Fixed sensors / wearables

Connectivity required
B2B market
Expensive
Subscription-based
Automated voice

Whereas

Falls Prevention

Bide®

Bedside device

Connectivity not required

Market agnostic

Affordable

No subscription

Personalised Voice

Inclusive

Bide® Traction



"Bide – simple tech that could save the NHS millions"

"Bide is awesome."

Keren Etkin



Medilink Midlands
Innovation Builder
supported
company

NIHR HealthTech Research Centre



Sheffield Hallam University Design Futures







Bide® Traction



Research paper
University of
Nottingham

OT study
Sheffield Hallam

PPIE

Care home pilots

>1 million hours of Bide use by the bedside

Bide® Traction



B2B Sales:

Hospitals
Care sector
County Councils
Domiciliary Care

B2C Sales:

Family carers and end-users

B2B2C Sales:

UK distributors
EU distributors
Other global
interest including
US and NZ

Bide® Traction Denmark





<u>Bite – Fall prevention device</u>



Bite Fall protection at the bed with light and voice message



Bite Fall Protection at the Bed with Light and Voice Message from Gloria Mundi Care ApS - AssistData

Bide® Testimonials



"I know that it works because I don't have any falls" Karen K.

"Very very clever"

Michelle, care
home manager

"I like Bide. I take note of the messages and it has reduced my fear of falling" Brian D.

"The Bide device is a lifesaver. Thank you Dr Adler!" Debbie E.

Bide® Opportunity



Home hazard assessment and modification

Patients admitted to hospital with a fall-related injury estimated ROI to health and care system £3.33 / £1 invested

Reducing hospital demand freeing up capacity

Rehabilitation wards
New hospitals
Emergency Room
Early discharge

Reducing Community and Social Care demand allowing resource reallocation and creating capacity

Care homes
Physio/OT/Falls teams
Ambulance
Admission avoidance
Single purchases

Bide® Other Applications



Special Needs
promoting
independence and
quality of life:
ADHD
Learning Disability
Physical Disability

Disease Management:
Parkinson's Disease
Cancer/Terminal care
Epilepsy
Chronic Diseases

Wellbeing:
Sleep difficulties
Sleepwalking
Travel/Holidays

Mental Health:
Anxiety
Depression







Peak Medtek Ltd



Real World Solutions for Real World Healthcare Challenges



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