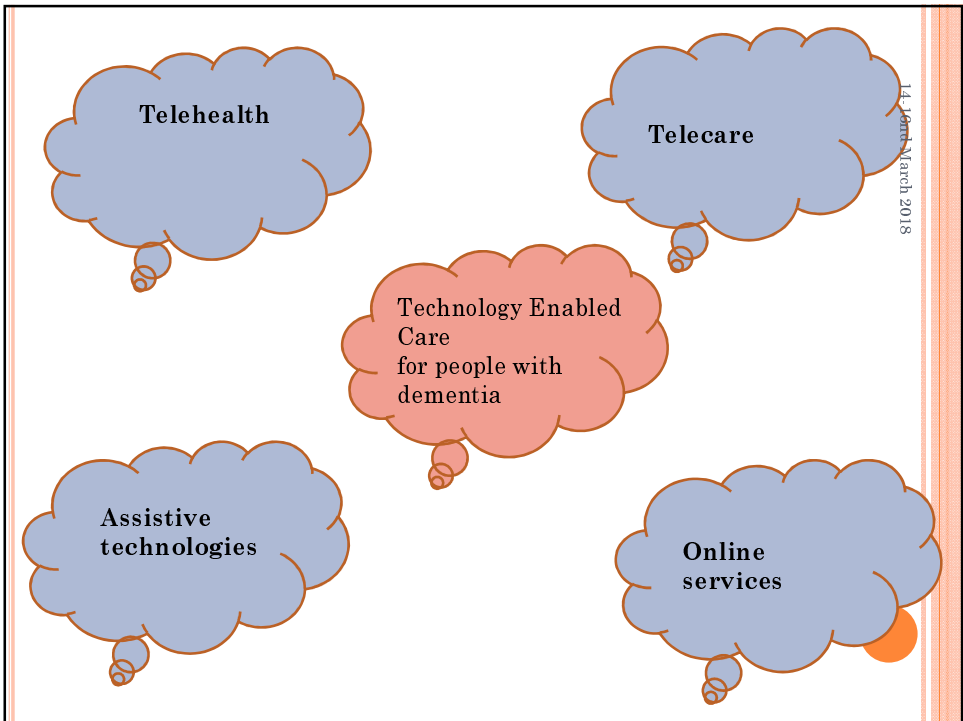


**TECHNOLOGY ENABLED CARE
FOR PEOPLE WITH DEMENTIA**

Gill Owen-John & Maureen Hughes

14-16nd March 2018



ACTIVITY MONITORING – INFORMATION ABOUT HOW SOMEONE IS MANAGING AT HOME

14-16nd March 2018

Just Checking



Canary



Three Rings Plug



KEEPING SAFE AT HOME

14-16nd March 2018

Falls



Leaving the property



Fires



ALERTING A CARER WITHIN THE HOME

14-16nd March 2018

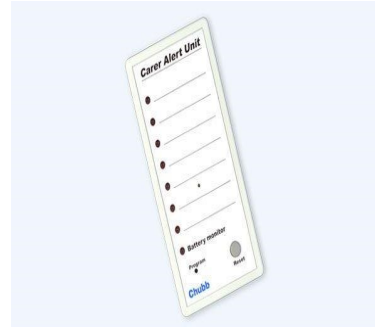
Chair sensor



Bed sensor



Door contacts



Carer alert



GETTING OUT & ABOUT SAFELY – GPS TRACKERS

14-16nd March 2018



FOOTPRINT

GPS WATCH



STAYING IN TOUCH



Large button phone

Simple mobile phone



14-16nd March 2018



Smart messenger TV messaging

Be supported

Messages offer reassurance, and responses are monitored to ensure a problem doesn't become a crisis



Simple smart phone



ORIENTATION

Day & time clock



Talking watch



14-16nd March 2018



Day & night clock



PROMPTS & REMINDERS



Set reminders on your telecare unit – if you don't acknowledge the reminder the monitoring centre will contact you

Oysta Pearl – medication reminders & much more



Memo minder



14-16nd March 2018

MANAGING DAILY LIVING



Robotic hoovers



Hapifork – vibrates to tell you you're eating too fast



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LEISURE, ENTERTAINMENT & COMPANIONSHIP

14-16nd March 2018



Amazon echo – voice activated alert for help through your community alarm

Robotic companion pets

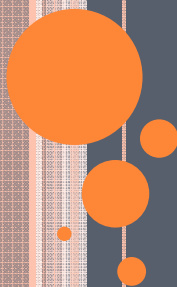


Tovertafel – Magic table



CASE STUDIES

14-16nd March 2018



JOHN

- Moved from family home to older person's flat aged 85
- Diagnosis of Alzheimer's disease
- Coping well with living independently but problem with increasing disorientation later on in the day
- On several occasions returned to family home during the night
- Installation of door sensor enabled family to be alerted if John left his flat during the night
- Outcomes – reduction in carer anxiety, reduction in distress for John, delay in John needing to be placed in residential care.

14-16nd March 2018



VIVIENNE

- 84 year old lady living in her own home
- Diagnosis of Alzheimer's disease
- Independent lady still active in her community
- Reported missing and found in Hull
- GPS tracker provided with geofence
- A number of alerts and family contacted
- Alerts increased in frequency six months later
- Now moved to residential care
- Outcomes – enabled Vivienne to maintain independence, reduction in carer anxiety, six month delay in placement in residential home

14-16nd March 2018



MARGARET

- 80 year old lady with a diagnosis of vascular dementia, TIAs, AF
- Living at home with husband (chronic heart failure, COPD, memory problems)
- Fall in the bathroom resulting in overnight lie on floor
- Falls detector and bed sensor fitted
- Repeated alerts from falls detector responded to & prevented further hospital admissions
- Only one alert from bed sensor, - not the result of a fall.
- Commode by bed reduced risk of falls. Alert that client had left bed and not returned to bed on a particularly cold night when heating had been turned off. Client who had hallucinations & delusions found sitting next to bed in a very cold confused state – prevented hospital admission.
- Outcomes – telecare in combination with 3 home care visits per day & variety of other equipment helped to maintain client at home for further 5 years, prevented hospital admissions on a number of occasions after a fall & supported family carer

14-16nd March 2018



ANY QUESTIONS?

14-16nd March 2018

