Future Proof Nursing
Nurses as Key Drivers of Change
an online event with local hubs

Research on added value of sensor based technology in district nursing

ENC22

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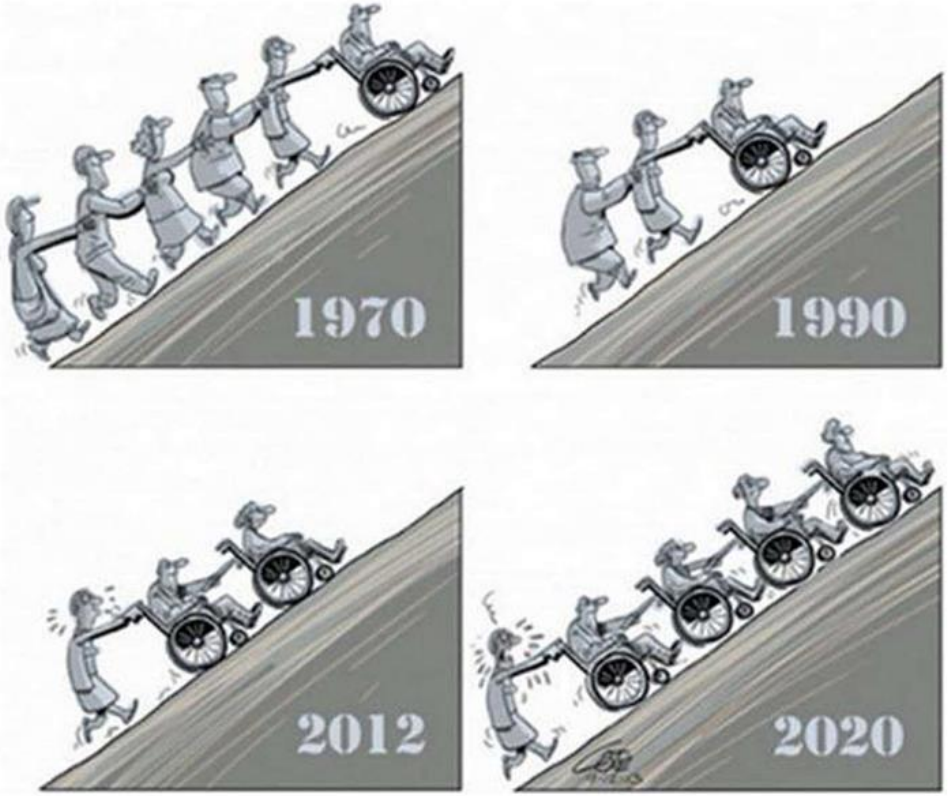
Introduction

- What is sensor based technology at home
- Experiences of patients with dementia living alone & independent at home
- Writing a research proposal with end-users (patients & district nurses) to investigate the added value or Senor Based Technology at home

Sensor Based Technology at home



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Sensor Based Technology is about…

- How it works
- What to expect

Sensor Based Technology at home

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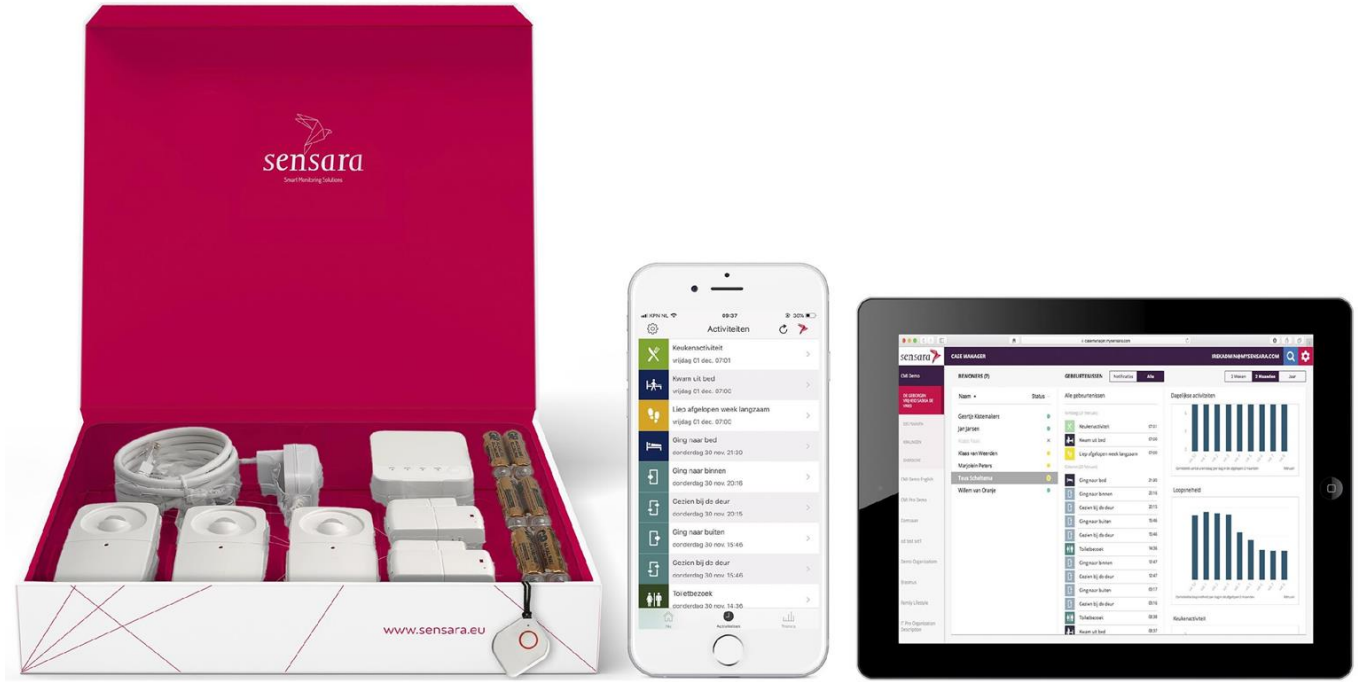

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Experiences with the use of Sensor Based technology so far

Experiences of patients with sensor based technology at home

- First patients with sensor-based technology at home in 2015
- Because of financial boundaries, no involvement of district nurses
- More insight into the life pattern of patients
- It enables informal carers to provide help and support at the right time
- While healthcare professionals can use the information obtained through the sensors to allocate the care at the right moment in time

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Research proposal

Research proposal – partners

Healthcare organisation with the end-users, patients living at home receiving care, & district nurses

University with students & teachers & researchers

A network of 20 organisations: to improve healthcare and welfare of elderly patients

- Volunteers: patients and informal carers

Research proposal – aim

Our aim was to write a research proposal on the added value of sensor-based technology with the end users – informal caregivers & district nurses

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Research proposal – methods

Group with stakeholders with:

- Researchers (n=3)
- Healthcare professionals (n=4)
- Project leader Domotica
- Informal carers (n=2)

9 months to write the proposal based on:

- Literature review
- Interviews with informal carers
- 4 Focus group meetings with the stakeholders

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Research proposal – results

- Sensor-based technology can be supportive for other target groups
- Target group: independent frail elderly people living alone with multimorbidity and multi-problems with complex care need request for help in primary care
- Assess the training for the district nurses – the barriers and facilitators
- Assess the needs of the informal carers
- Investigate how district nurses and informal carers can work to gether ot support the patient with Sensor-based technology
- A toolbox & a report with recommendations

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Some reflections and recommendations

- Learned to listen to the stakeholders
- a comprehensive research proposal
- The research proposal is supported by the healthcare Organisatie, ZZG zorggroep
- A proper preparation of the meetings with the stakeholders

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Thanks for your attention

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