



Singled handed care – why?

By Physiotherapist Peter Maindal

Singled handed care – “oh no!”

- “The politicians are only trying to save money”
- “They will fire lots and lots of people”
- “The quality of care will bottom out”

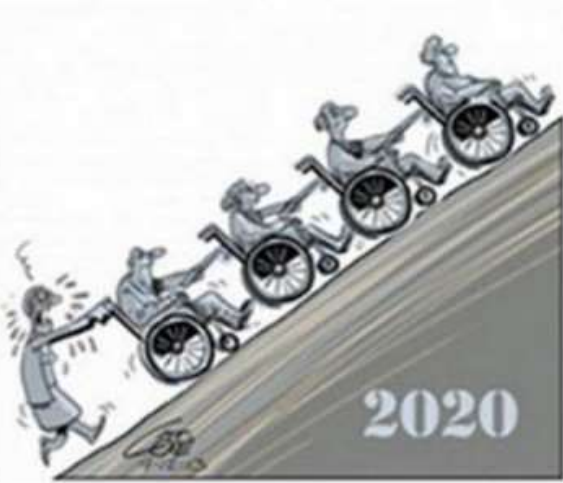
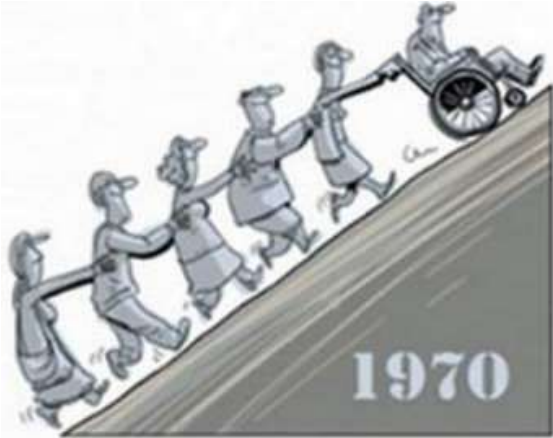
What are the facts?

- Things will change!
 - Why
 - Speed
 - How
- What does it mean for me?

Drivers for changes

- Demography
- Economy
- Technology
- Health and Age Care an attractive sector

Demography



VIA 9GAG.COM



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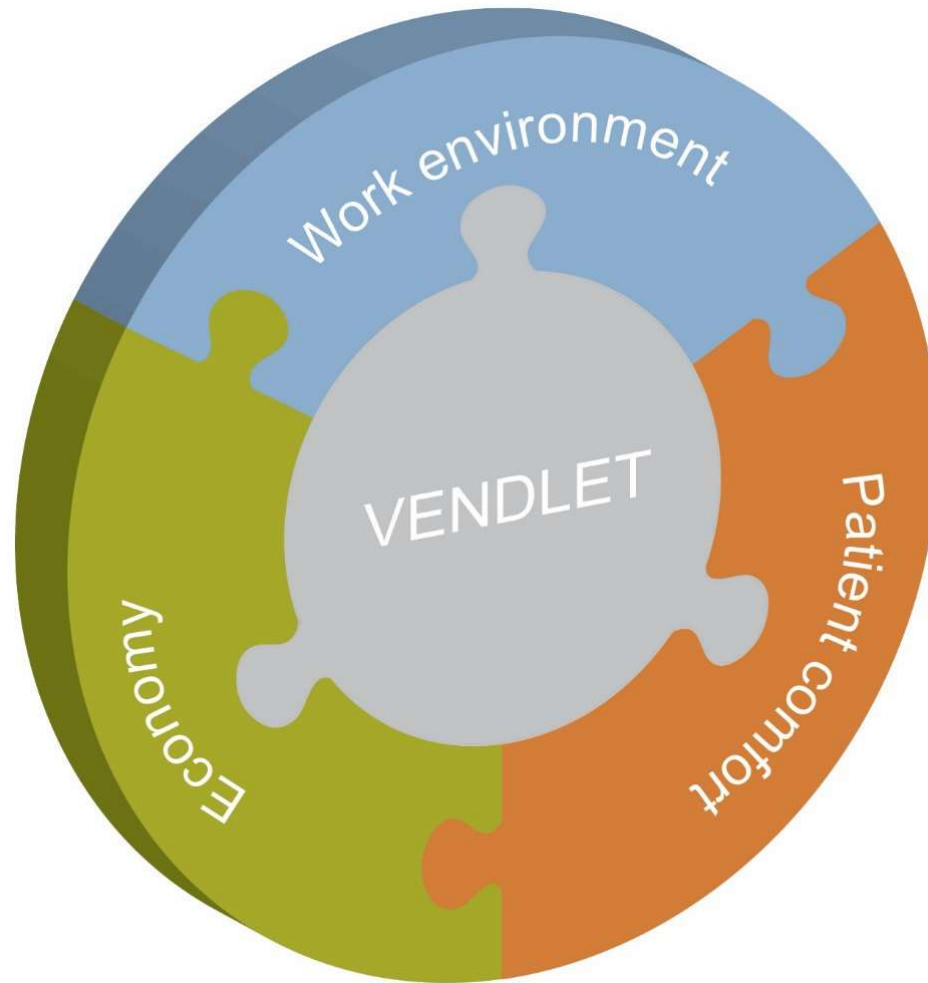
VALUE IN CARING

Consequenses of Changes

- App. 50 - 55 % of people \geq 80 years old receives permanent care
- Much more people will need care!
- What are the expectations to the quality of care?

Single handed care

Creating the triple win



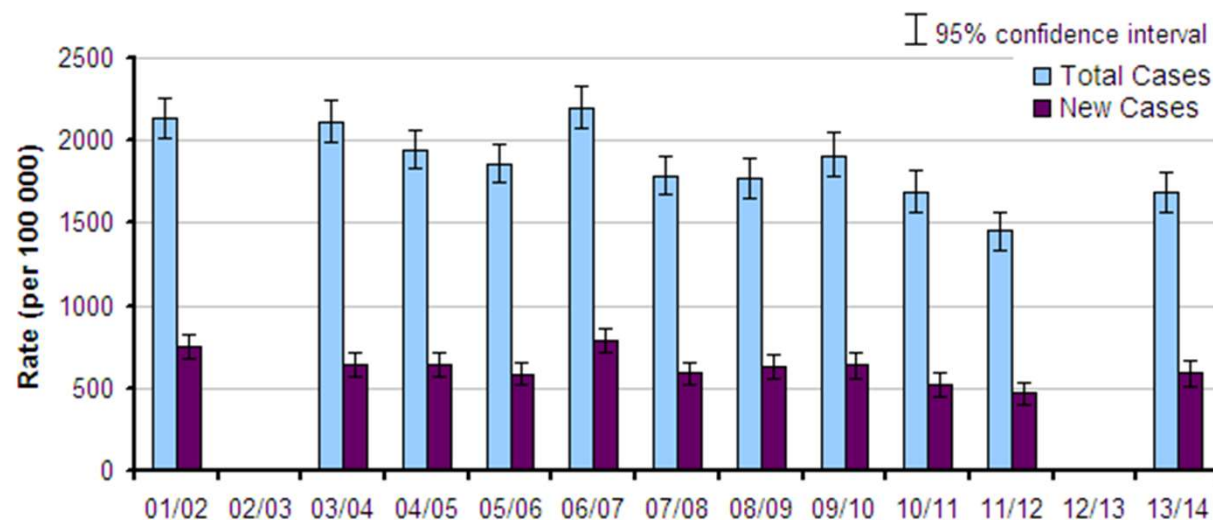
Work environment

- Work, Health and Safety?
- Labour Force Survey, 2013/14
MSD cases: 526.000
Lost working days: 8,3 million or 15,9 pr case
- More than half of all injuries caused by handling!

Age Care- an attractive sector?

Health and Safety Executive:

” Carers and those they care for should not be put at risk from unsafe handling practices”



HSE:
No significant changes in the most recent 3 years in MSD

Age Care- an attractive sector?

“It is all about techniques and training!”

Or is it?

Statistics and research does not support this

Economy

- Health and Age Care is expensive and expanding
- Public economy under pressure
- Looking for ways to make everything more efficient – including Health and Age Care.

Patient comfort

- Safe guarding the client/patient
- How about dignity and ethics?
- Improved contact and comfort

University of Cologne

- Professor Dr. Hans Günter Lindner
- Specialist in process analysis within healthcare
- Works with videos and special software to do 100% objective process analysis

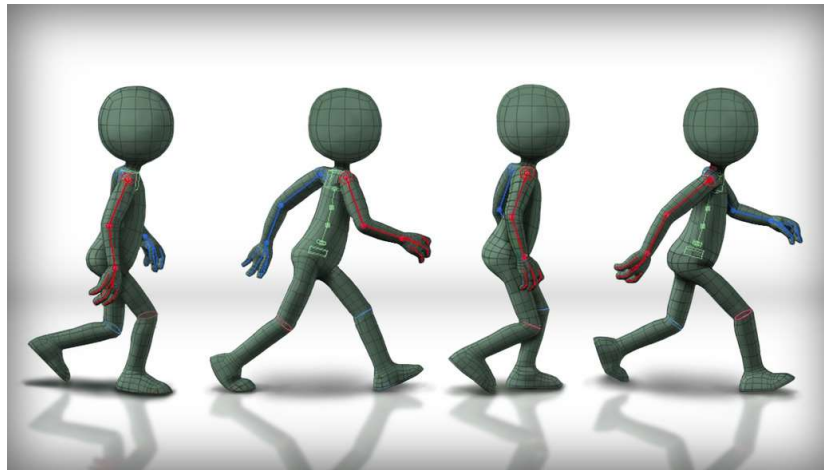
Filming England

- Viva Access, Church Road, Hove, East Sussex
- Anita Rush, Clinical Nurse Specialist
- Manual moving and handling with a manual turn sheet
- 2 to 1

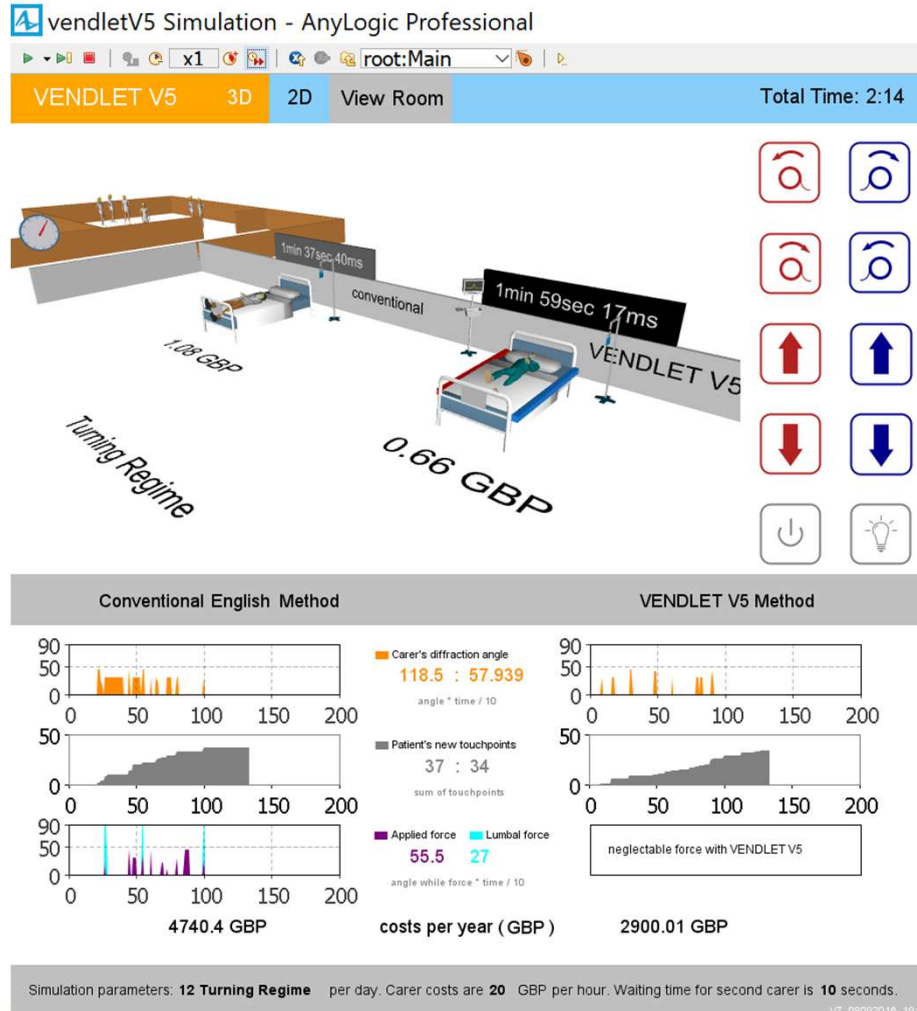


Process analysis

- All film sent to the University in Cologne
- Data analyzed
- Animated model of the moving and handling scenarios



The results



Turning a patient in bed

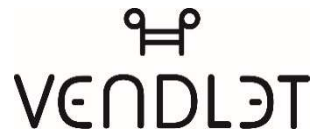
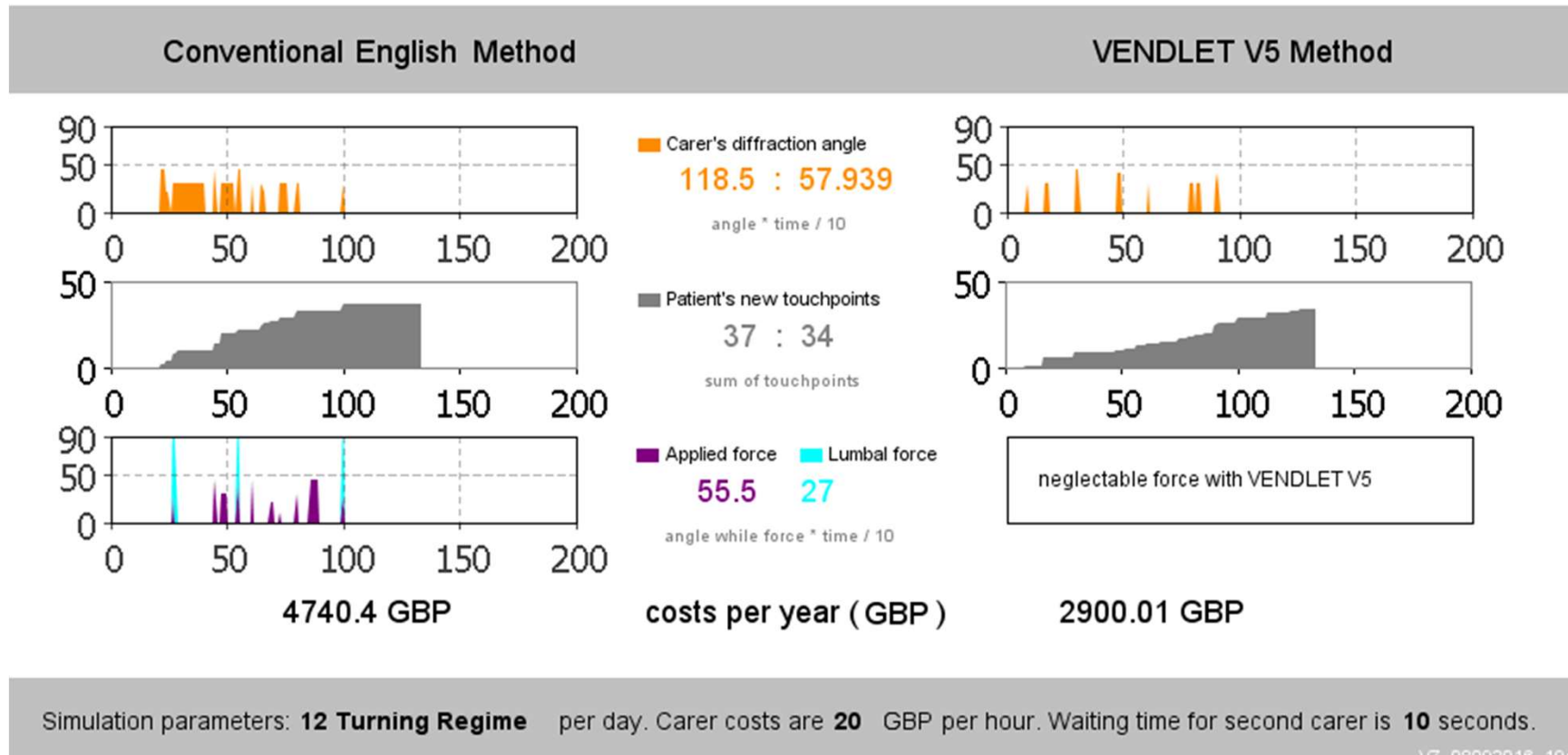
Total hourly cost £20

10 sec. Waiting for 2. carer.

UK: 1 min 37,4 sec x 2 =
3 min 14,8 sec.

V5: 1 min 59,2 sec

The results



Technology


- Computer processing capacity increasing
- Extensive research in computer chips, artificial intelligence and robotics
- Enormous impact on society and our lives – IE smartphones and WiFi.

Technology

RIBA

Robotic transfers




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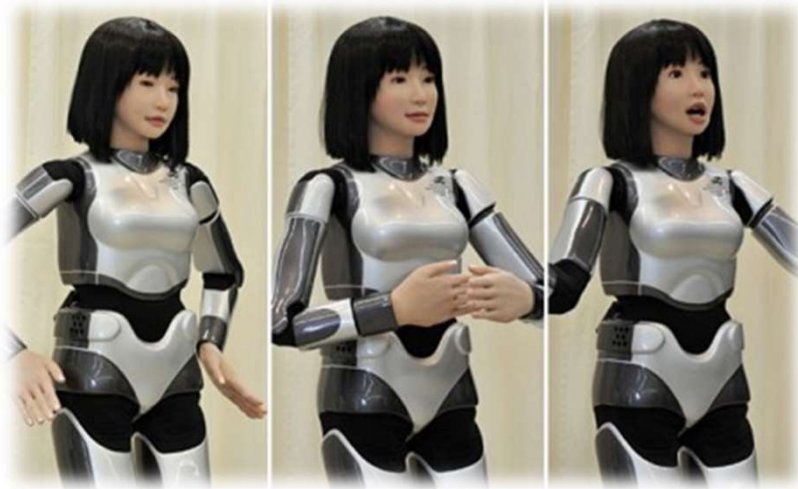
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VALUE IN CARING

Technology

Topio

Robot from 2009 designed to play pingpong with humans.



HRP-4C

Robot designed to show feelings

Technology

- Enormous development
- We cannot imagine the end result yet.
- Independent living as long as possible - IE household robots in every house in 15 years?

Age Care and single handed care

- Technology is a great help - **but**
- **We need competent and professionally trained staff!**
- How to make our sector attractive?

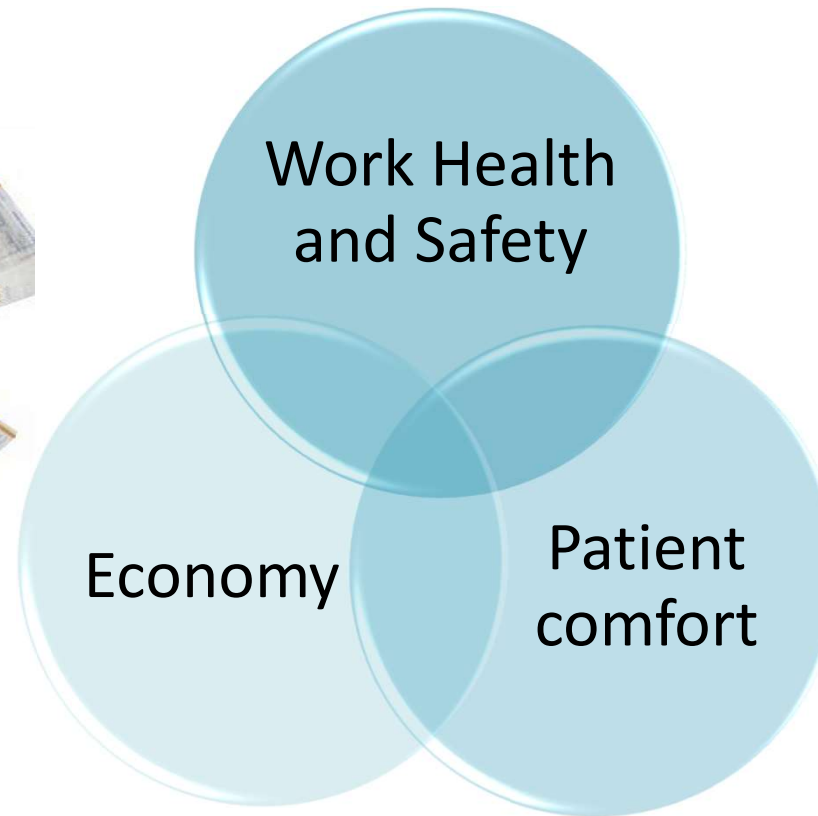
How to meet the challenges?

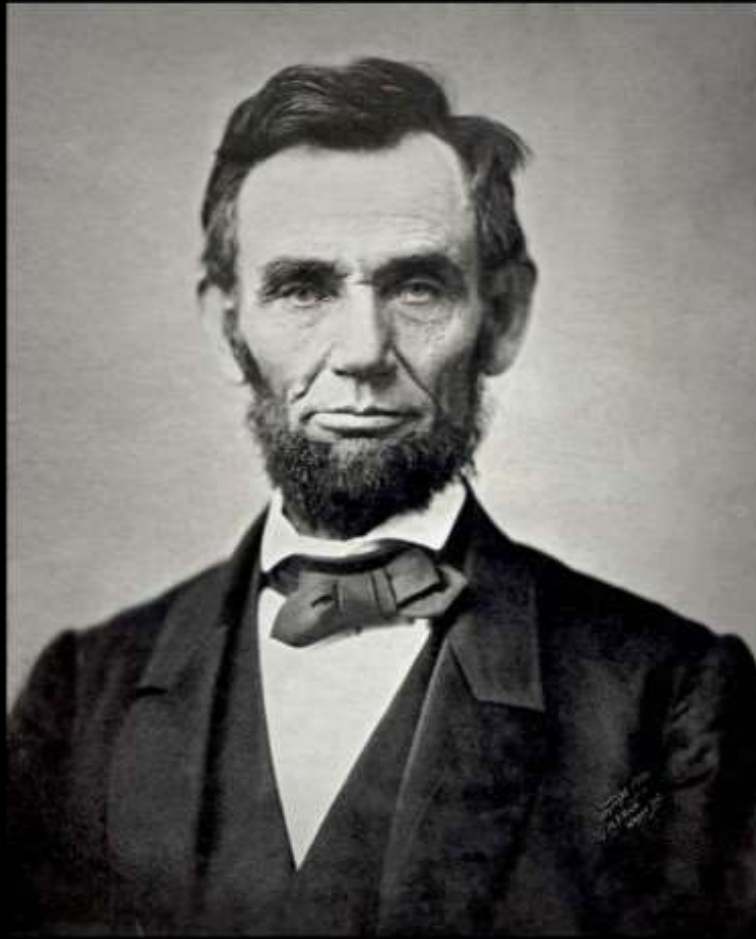
We need **proper tools** to reduce injuries

We need **proper tools** to increase our capacity

We need **proper tools** to keep/increase quality

Benefits





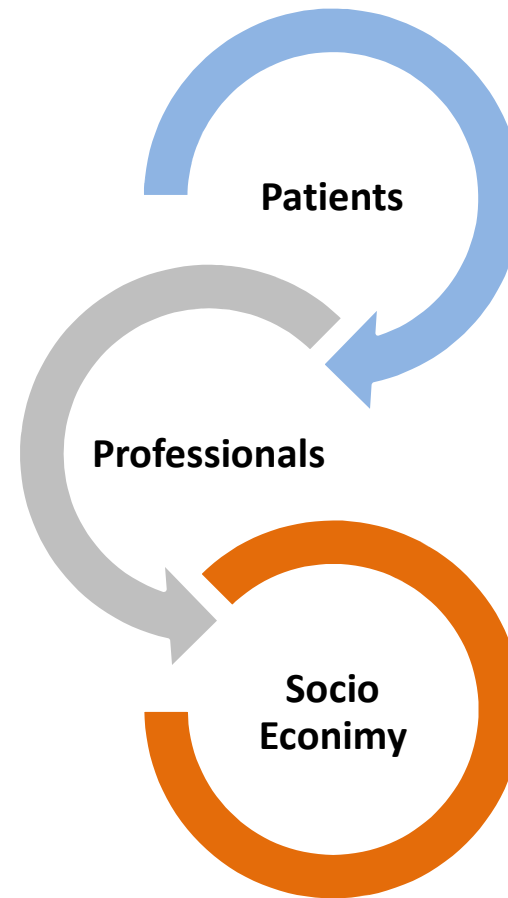
*“The Best Way
to Predict the
Future is to
Create It.”*

- Abraham Lincoln

Creating the future

Active partners in change:

- ✓ Adapt
- ✓ Adopt
- ✓ Improve



4 trends

- Less manual more **mechanical**
- More **single handed care**
- From handlers to **Guides / assistants**
- **Independent Living** as long as possible

QUESTIONS

