

# Evidence-informed Decision-making In Finland's Healthcare Management



# Tervetuloa Suomeen

## The Team

18 HOPE participants  
from 12 countries

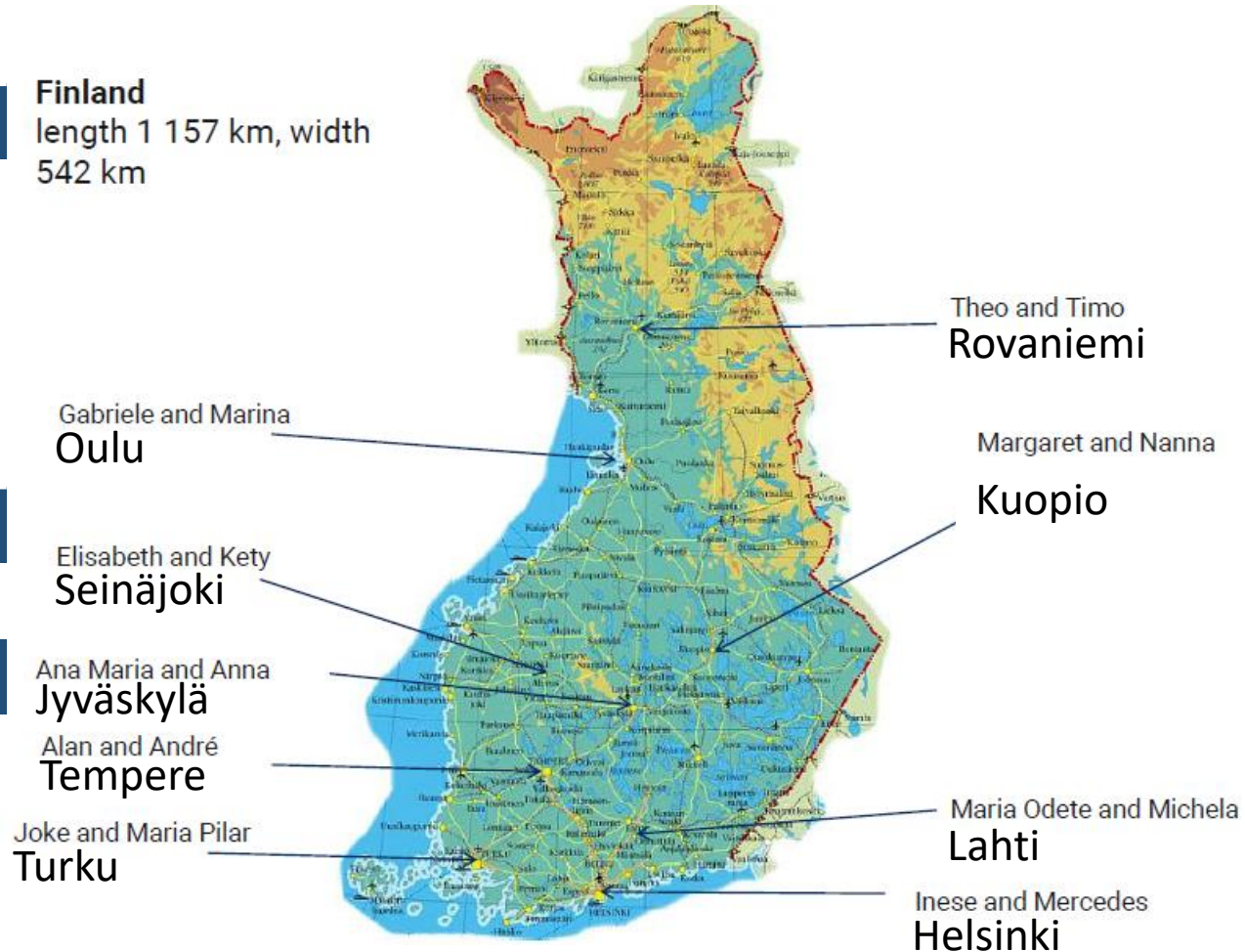
**Finland**  
length 1 157 km, width  
542 km

## About Finland

311 municipalities  
20 hospital districts  
1.4 ppl/km<sup>2</sup> in Lapland...  
... but 5 reindeer /km<sup>2</sup>



All about us



# Evidence-informed Decision-making In Finland's Healthcare Management

Topic 1:

**Virtual Reality**

Topic 2:

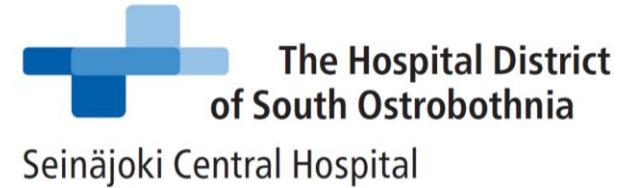
**Simulation Training**

Topic 3:

**eHealth**



# Virtual Reality



LAPIN SAIRAANHOITOPIIRI  
LAPPI BUOHCCEDIKŠUNBIIRE





# Virtual Reality

Old ICU rooms do not meet customer requirements

Literature research in ICU environments

Customer questionnaires taken of ICU patients, family, staff, etc.

New design made, based on outcomes and built-in virtual reality

Review in virtual reality of new design by patients and users



# Virtual Reality



## Privacy problems solved by

- Single rooms
- Ensuite bathrooms
- Window blinds

## Environmental problems solved by

- Nature pictures
- Changing light (day/night)
- Temperature  $\pm 3^{\circ}\text{C}$
- Sound absorbing materials



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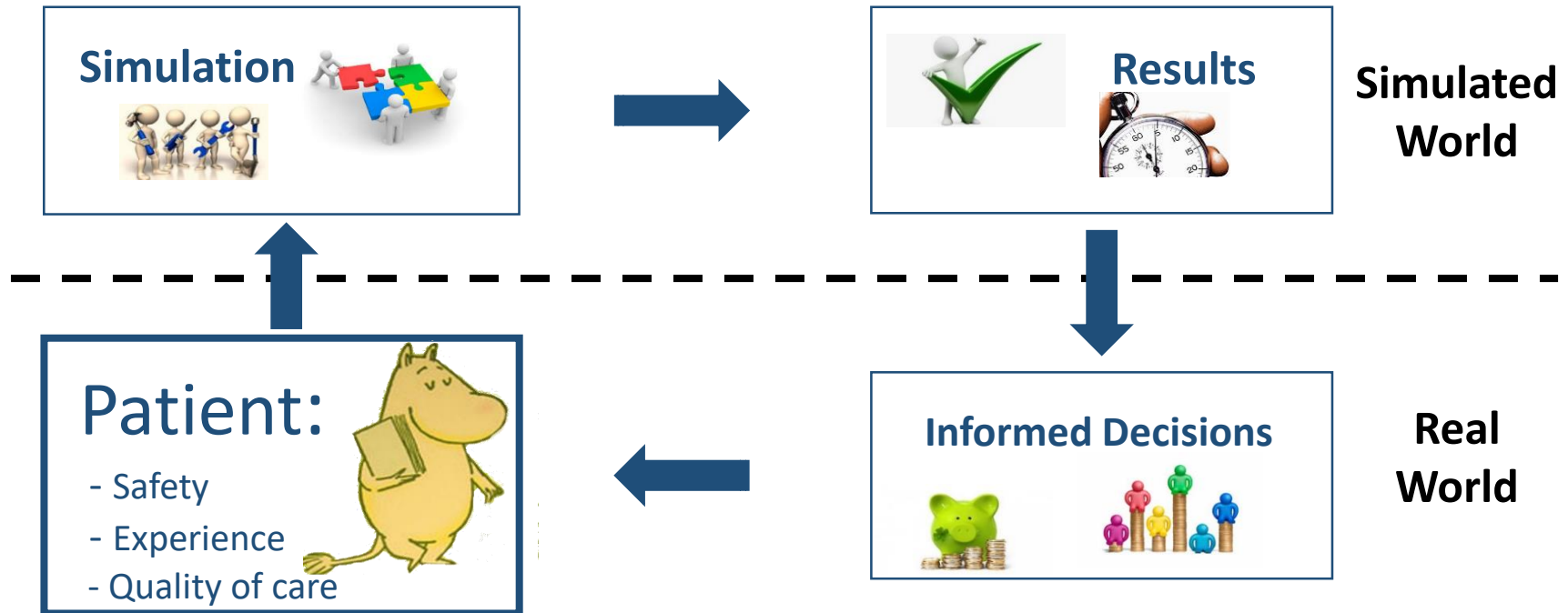
Topic 3:

**eHealth**



# Simulation Training

Mimicking real-life, simulation training is the development method used by health care students and professionals alike to acquire **technical and non-technical skills** in a safe and controlled environment removing patient risk.





# Simulation Training

## WHO

Tampere Surgical Education Centre (TSEC)

## WHAT

A 210<sup>2</sup> m fully equipped eight bed barn theatre

## WHERE

Tays (Tampere University Hospital) Campus

## WHY

The use of fresh cadavers provides closest possible experience to reality

## HOW

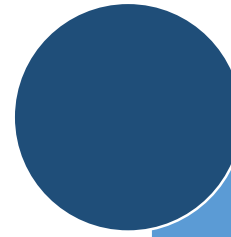
Use of fresh cadaver is more accessible due to Finnish legislation



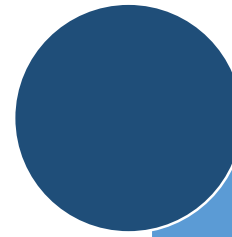
With Thanks to: Dr Reita Nyberg & Mr Jyri-Mattsson



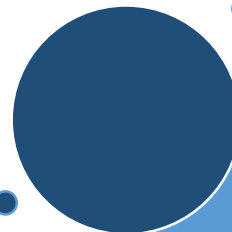
# Simulation Training



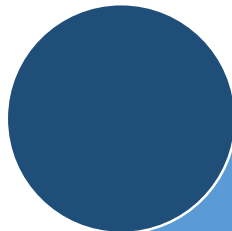
Quality of life



Improved patient  
outcomes



Reduced  
procedure time



Increased patient  
safety



# Evidence-informed decision-making in **Finland's** healthcare management

Topic 1:

**Virtual Reality**

Topic 2:

**Simulation Training**

Topic 3:

**eHealth**



# eHealth





# eHealth

**Self  
Assessment**

**Triage**

**Symptom  
Navigator**



**Communication**

**Effectiveness**

**Engagement**



# eHealth



## Patient benefits

- Overall survival
- Quality of life

## Clinic benefits

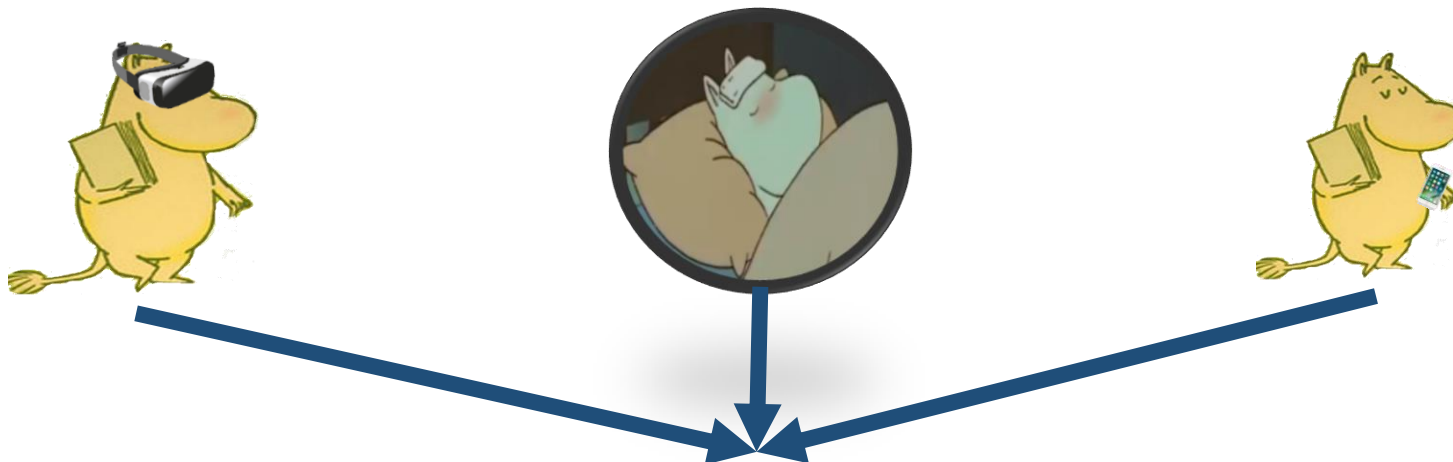
- Patient satisfaction
- 20% less ER admissions

## Research benefits

- Noona's PROs database
- Data complements traditional research



# Summary



Finland's healthcare management is using **Evidence-informed Decision-making** to address the vast geography within the country and provide the patient with optimum care.

We believe that the evidence collected and decisions made as the results of **virtual reality**, **simulation training** and **eHealth** will further improve the healthcare within Finland and Europe.



# Kiitos Suomesta



**Thank you HOPE**



**Hvala vam Slovenija**



# References

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## Origin of pictures

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