



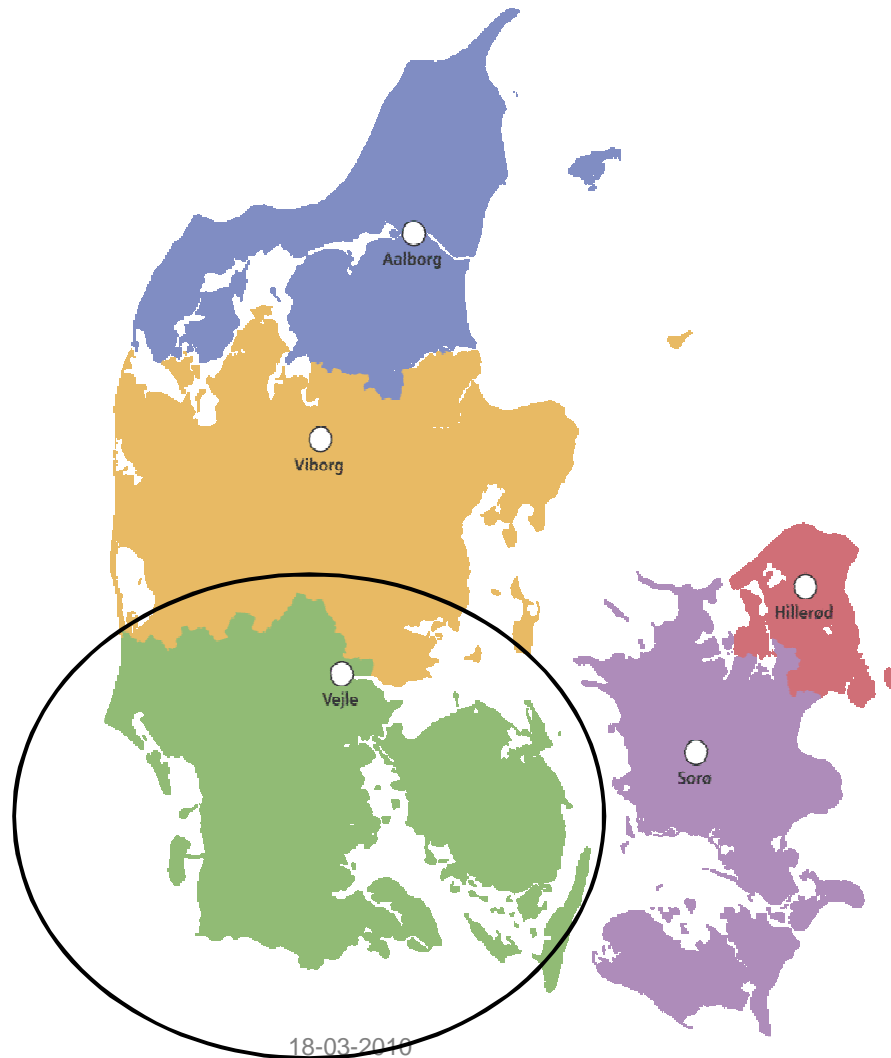
Telemedicine solution for treatment of patients with chronic ulcers

Claus Duedal Pedersen

Odense University Hospital, Denmark



Region of Southern Denmark (RSD)



- 1.2 million inhabitants
- Employing around 25,000 people
- Annual budget of DKK 20.3 billion (€ 2.7 billion)
- Regional development in environment, tourism, business, etc.
- Healthcare authority (hospitals and psychiatry)
- 19 hospital units - 5 organisations
- 1 university hospital – Odense University Hospital

Key issues for clinical telemedicine in RSD

To transport or not to transport...



To be or not to be
- a specialist
doctor...



**THAT IS THE
QUESTION!**

The objectives

- To improve the service for a group of patients that have a low status in the health care system
- To improve the co-operation between primary and secondary care
- Reduce costs for both the health care system and the patients

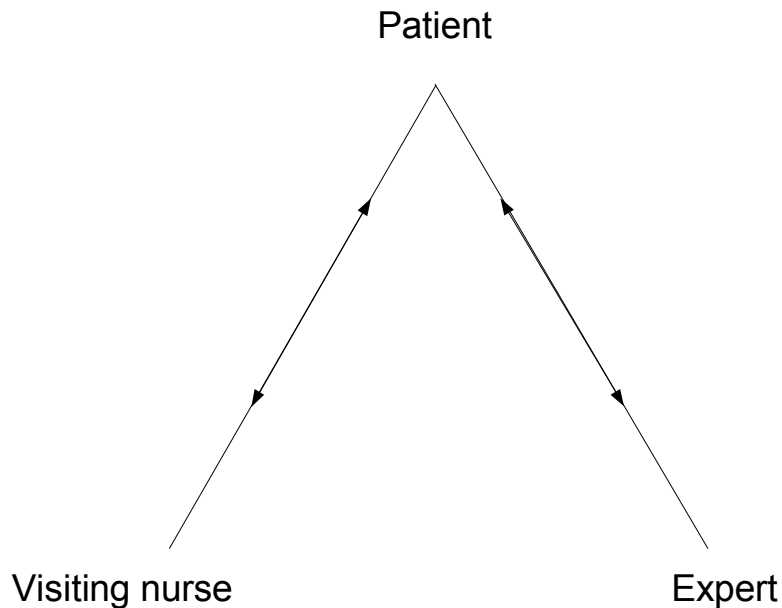
The consequences for the patients

- Previous reports, made locally, indicate that these patients are badly off:
 - Pain
 - Social isolation
 - No specific diagnosis made
 - No proper medical treatment in a systematic way
 - Patients live with it – have given up!

Size of the problem

- Prevalence:
 - 0.4 % of the general population have chronic ulcers
- Many amputations

Most common situation today



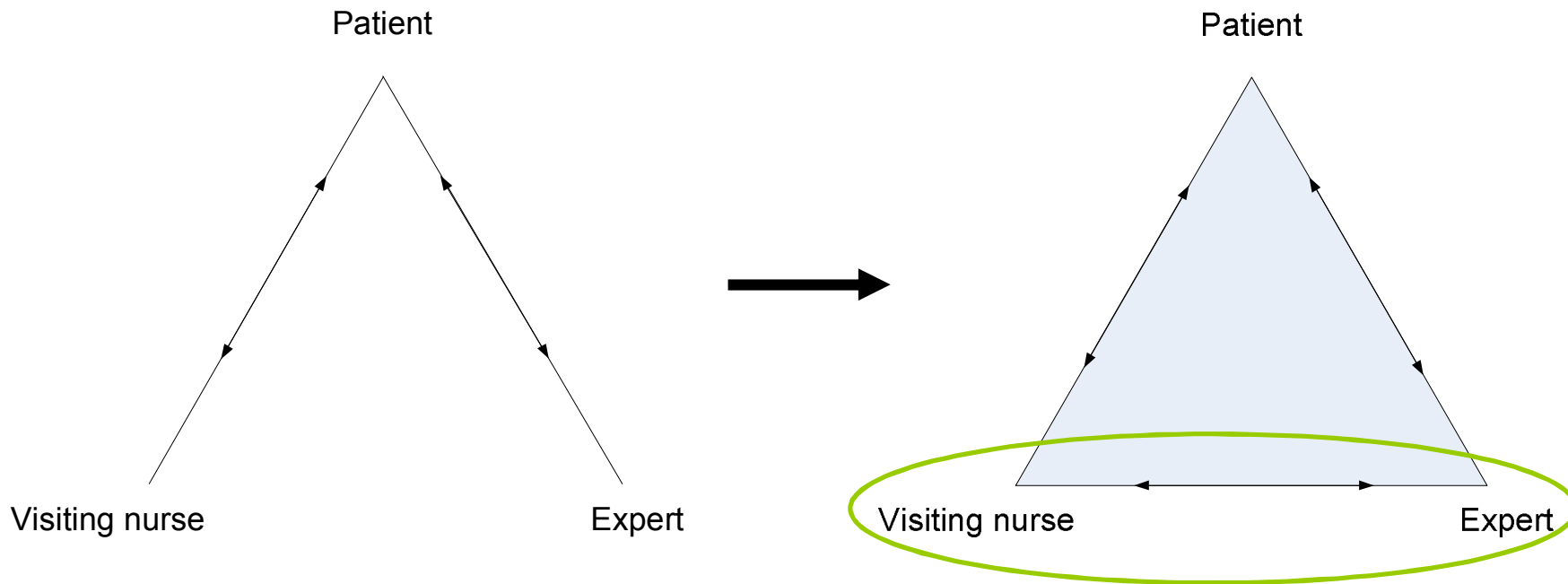
Leg and foot ulcers

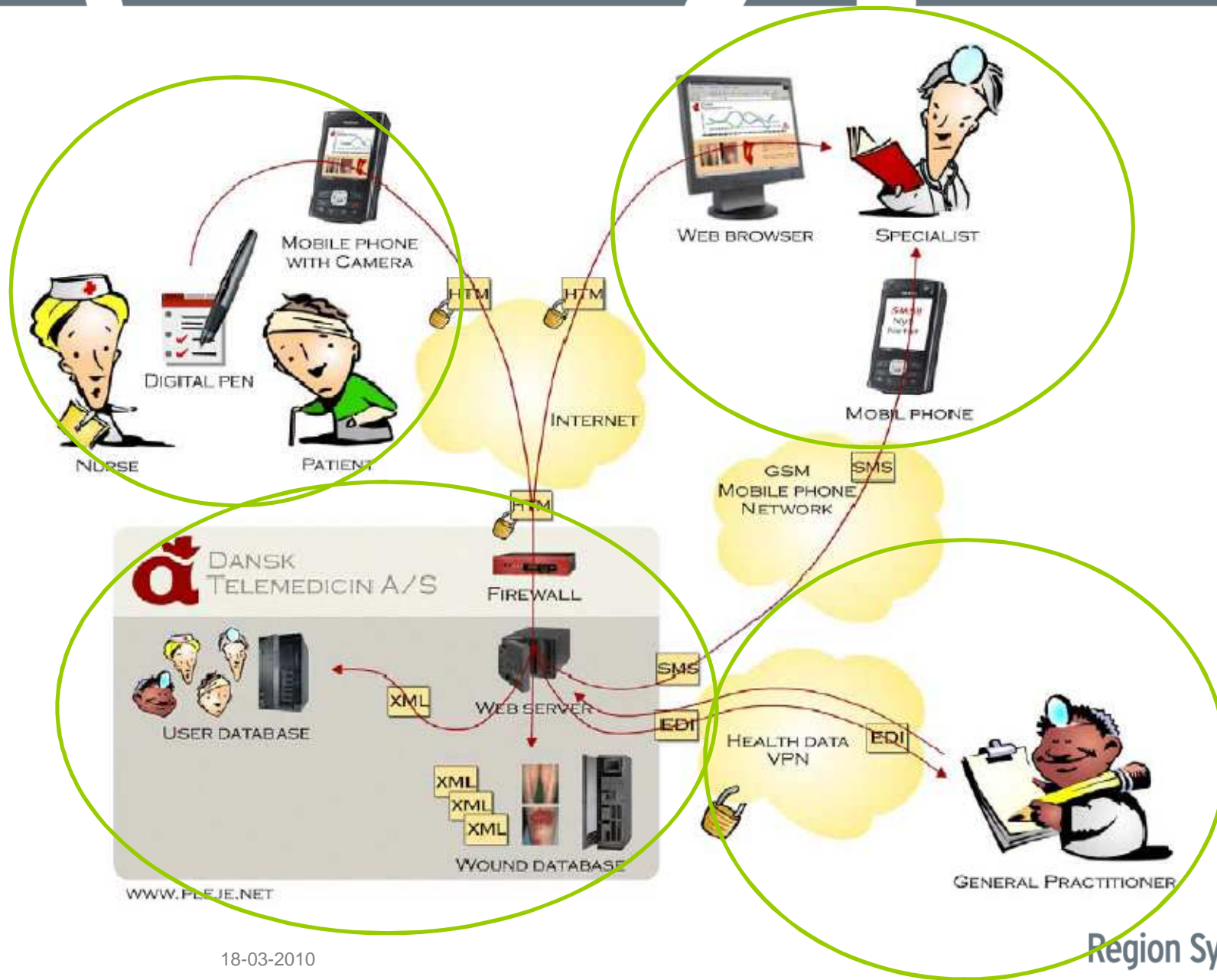
- Age -related illness
- Preceed 50% of all major leg amputations
- Severe pain and social isolation

Current status

- Low prioritisation
- Different treatment procedures
- Different departments
- No collaboration

Closing the gap





Completion of the triangle

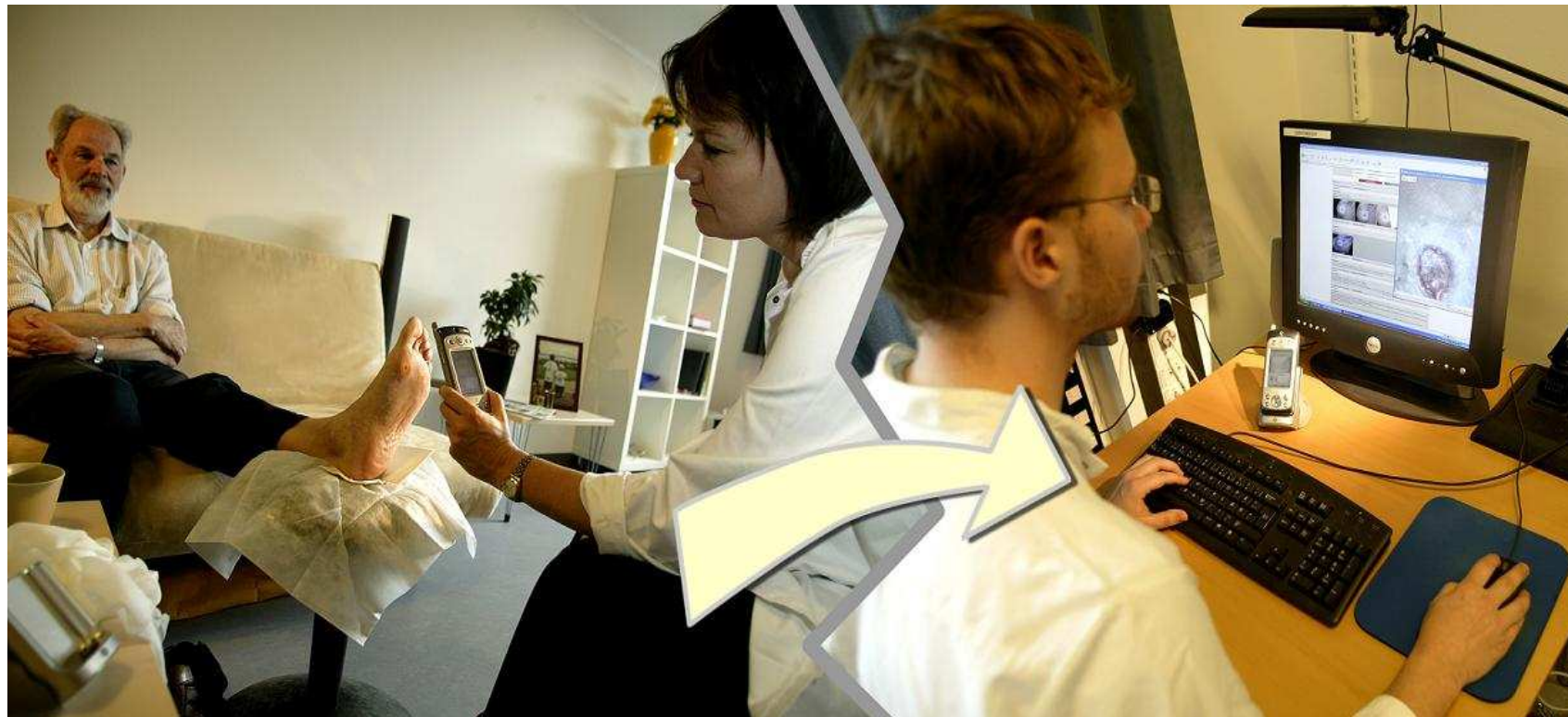
For health professionals:

- Access to immediate and current information and images
- Interdisciplinary and cross-sectoral collaboration
- Faster and coherent treatment – fewer amputations
- Releases manpower

For patients:

- Faster healing process
- Improved QoL
- The patient is no longer the sole "information-carrier"
- Treatment at home
- Information available to patient and relatives

The new setup



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The BUT...

- Only small scale uptake only so far
 - Diabetes: Small and fragmented implementation over the past 3-4 years

Next steps

- National pilot in two regions and 8 municipalities
- Regional implementation plan in the Region of Southern Denmark
- But most importantly: a randomized clinical trial with clear endpoints
- Part of the Large Scale Pilot RENEWING HEALTH

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Region Syddanmark



The Danish Health
Data Network