



# **Better Breathing**

## **- Better Quality of Life**

### **for COPD Patients**

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# Project

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- 8 organisations
- 5 countries
- 4 clinical test sites
- DG INFSO/eTen
- € 2M in budget
- Market validation

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eRehabilitation



eCare



eLearning



Monitoring - at home

eServices



Rehabilitation - at home



Group interaction - at home

ePatient Community



Education - at home



**Mission impossible?**



# New ways - in product use or development



- Standard equipment used in a new way or situation (TV, handhelds)
- Developed equipment on the basis of needs (patient briefcase, healthHUB, LinkcareTM)

# University Hospital North-Norway

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TV and remote control as user interface = easy to use

Free open source = affordable

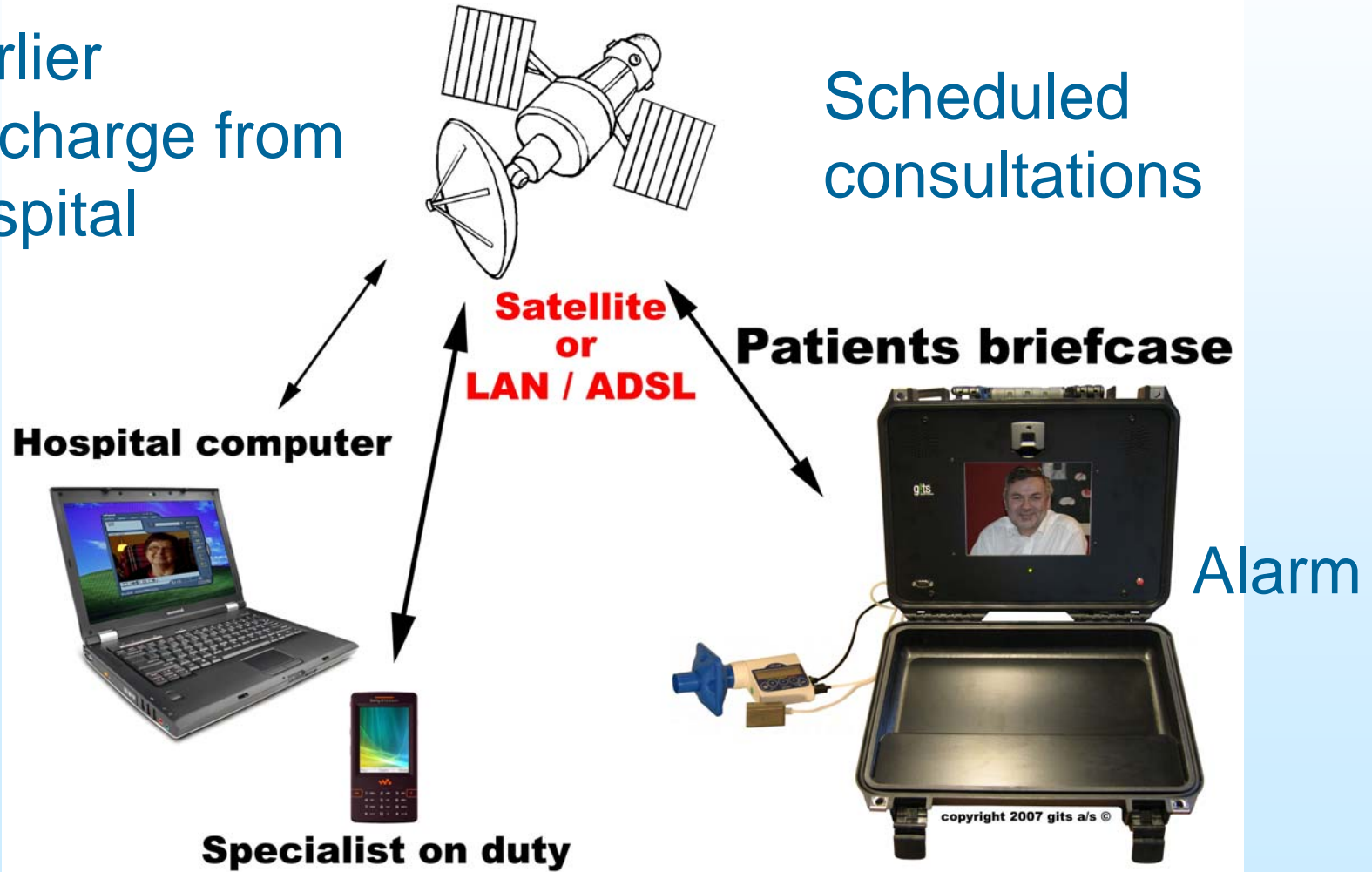
Rehabilitation available to COPD patients who would otherwise not receive it due to e.g. rural residence or disease-related immobility

# Svendborg Hospital, Denmark

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Earlier  
discharge from  
hospital

Scheduled  
consultations



# Llanelli, Wales

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## HealthHUB

COPD and general health questionnaire on a daily basis + follow-up

Red flag alerts to specialist teams

# Hospital Clinic Provincial Barcelona, Spain



**MotohealthTM**



**LinkcareTM**

Using LinkcareTM platform to ensure quality and learning in Forced Spirometry (between primary care centres and lung function laboratory).

Using LinkcareTM platform and MotohealthTM to deliver rehabilitation to COPD patients.

# New ways in providing and receiving health services



- Change in care delivery:
  - Crossing distances
  - Home hospitalisation
  - Provide services to those otherwise not getting any
  - Regular and scheduled monitoring and follow-up
- Change in work processes:
  - Easier access to specialised knowledge
  - Task redistribution
  - Capacity level increase

So are we actually:

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1. Providing better quality of life to the patients?
2. Providing optimal care?
3. Reducing or liberating resources in the healthcare provision?

**Is the mission possible??**

Preliminary results show:



- ✓ Usability of technology
- ✓ Acceptability of service and tools
- ✓ **Numerous added-value results** (altered behaviour among patients e.g. diet, shares information, inclusion of own network)
- ✓ **Enhanced quality in care**

- ✓ Broader patient group inclusion
  - ✓ **A reduction in readmissions as high as 50%**
  - ✓ Increased capacity in patient consultations per day
- = Mission accomplished – almost at least 😊**



**Thank you for your attention.**

**Visit [www.betterbreathing.org](http://www.betterbreathing.org)**

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