Healthcare view and DCT in Norway

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Remote care and decentralised trails in Norway
Vestre Viken Hospital Trust

- Ca. 9500 employees
- Population: 500,000 in 22 municipalities
- 8 divisions, 4 somatic hospitals
  - Bærum hospital
  - Drammen hospital
  - Kongsberg hospital
  - Ringerike hospital
  - Psychological health
  - Prehospital services
  - Medical diagnostics
  - Intern service
Norwegian action plan for clinical studies

- The number of clinical studies should be doubled within 2025
- 5% of the patients should be included in clinical research
- Decentralised studies are suggested
Norwegian health and hospital plan

• Great challenges in health in the years to come
• Industry and public should collaborate to solve the challenges
• Health community with hospitals and municipalities
• Outreaching hospitals
Userdriven follow-up

Active involvement of patients in treatment and follow-up

Time and type of contact depending on the patients needs

Health care where the patients are
Digitalised home based care
Digitalised home based care

1. Define need
2. Develop, test
3. Implement
4. Use and improve

20 projects within video, self registration and medical technical devices
Standardisation of tools

- Hospitals are systematically working with solutions for digital home based care
- Re-use for research
Digital solutions

- Information need to be available digitally for patients and health personnel
  - Video
  - Self registration
  - Medical technical devices

- Cloud based solutions
  - American own clouds
  - National health data platform
  - Information security and data protection
Future clinical studies

- **Traditional studies**: Treatment and follow up at hospitals. Traditional data collection.
- **Virtual studies**: Follow up in digital solutions, app’s, wearables etc.
- **Decentralised studies**: Treatment and follow up outside of hospitals, closer to patients. Data from external systems.

*Hybrid* and *Partly decentralised* options are also mentioned.
Pilot study – decentralised trials in Norway

### Public Health Care System and TTO
- Vestre Viken HF
- Sykehuset Østfold HF
- Sykehuset Innlandet HF
- Stavanger Universitets Sykehus
- Sunnaas Sykehus
- Finnmarkssykehuset
- Sykehuset i Vestfold OUS
- Inven 2

### Trade organizations and health clusters
- LMI
- Norwegian Smart Care Cluster
- Norway Health Tech
- Oslo Cancer Cluster
- The Life Science cluster

### Additional partners (e.g. eHealth, patient centric organizations and institutes)
- MED.hjelper prosjektet (VIS/Neuro-SysMed)
- Halogen
- SINTEF
- UiO
- Universitetet i Sør-Øst Norge

### International industry
- Novartis
- BI
- AstraZeneca
- Bayer
- Novo Nordisk
- Roche
- Pfizer

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**Consortium partners**
**Patient perspective**
Possibiltiy to partake in studies from their homes – reduces travels and could positively impact drop-out rates
Participation in clinical trials less dependent on where you live – central to achieve equal access to clinical trials for patients
Increased use of PROMS and wearables activates patients and increases their engagement in the trial
Broader inclusion of patients

**Health care system**
Increased access to clinical trials for hospitals and departments across the whole country
Increased competence with regards to clinical trials outside of the departments traditionally engaged in clinical trials
Increased collaboration between hospitals and health regions with regards to studies
Reduced strain on health care services
Increased collaboration between primary health care services and the specialized health care services

**Industry**
Faster inclusion and increased patient retention in studies
Reduced costs and time usage
Access to patient groups normally not included in studies
Possibility to develop and test new technological solutions in an innovation ecosystem
Specialised testbed for research and innovation

- Projects in all test phases
- Ideas
- eHealth solutions
- Processes
- Pharmaceuticals
- Academic
- Industry

testbed@vestreviken.no
Vestre Viken are seeking more clinical trials

- Efficient agreement process for trials, Inven2 (TTO)
- Good recruitment of patients
- Strong internal focus and support for clinical trials
- Several experienced departments conducting trials from phase 2 to 4
  - Oncology, breast- and lung
  - Neurology, MS and ALS
  - Gastro-intestinal, IBD, Chron’s, UC
  - Heart disease
  - Infectious disease, covid-19, pneumonia
Norway is preparing for industry collaboration through NorTrails

- Partnership between regional health authorities and organisation for pharmaceutical industry and medical equipment
- One point entry to the Norwegian specialist health service
- NorTrials centers that will be national contact points for industry-funded clinical trials
- [www.nortrials.no](http://www.nortrials.no)
We need desentralised trials!

- Patients should have equal access to health care independent of residence
- Long distances
- Digital population
- Advanced on digital home based care
- Aim: more clinical studies to Norway
- Collaboration is a key