DIGITAL HEALTHCARE

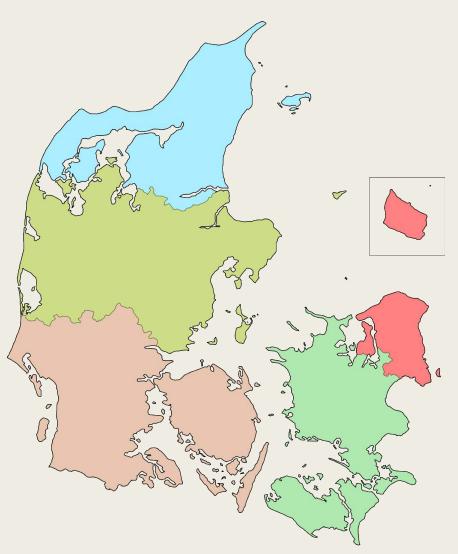
The Danish Way

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Aarhus University Hospital, Denmark

Denmark

- 5,8 mill inhabitants
- Public healthcare
- High taxes
- 5 governing regions (primarily healthcare)
- Uniform standards
- Efficient infrastructure



Prehospital care

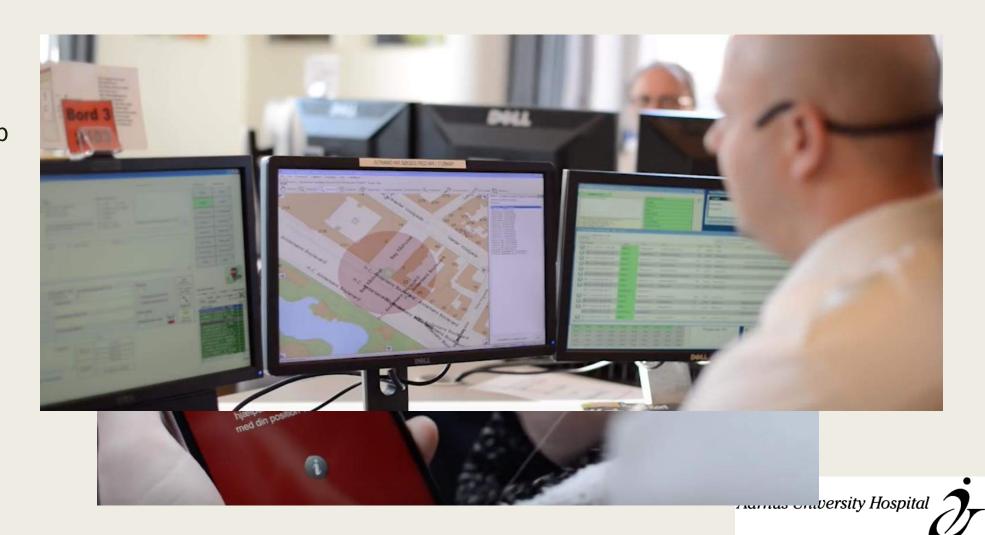


- Prehospital
 - Patients
 - Healthcare professionals
- In-hospital
 - Patients
 - Healthcare professionals

- Prehospital
 - Patients
 - Healthcare professionals
- In-hospital
 - Patients
 - Healthcare professionals

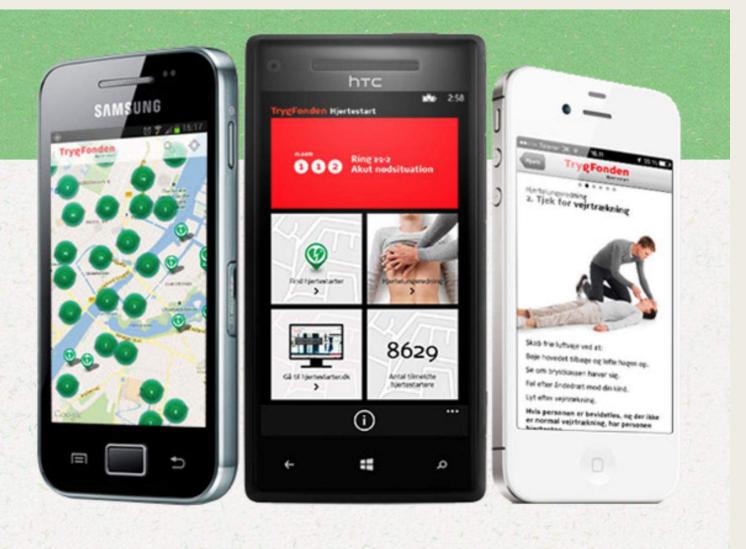
- Prehospital
 - Patients
 - Apps
 - **1**--1-2
 - AED (Heart starter) map

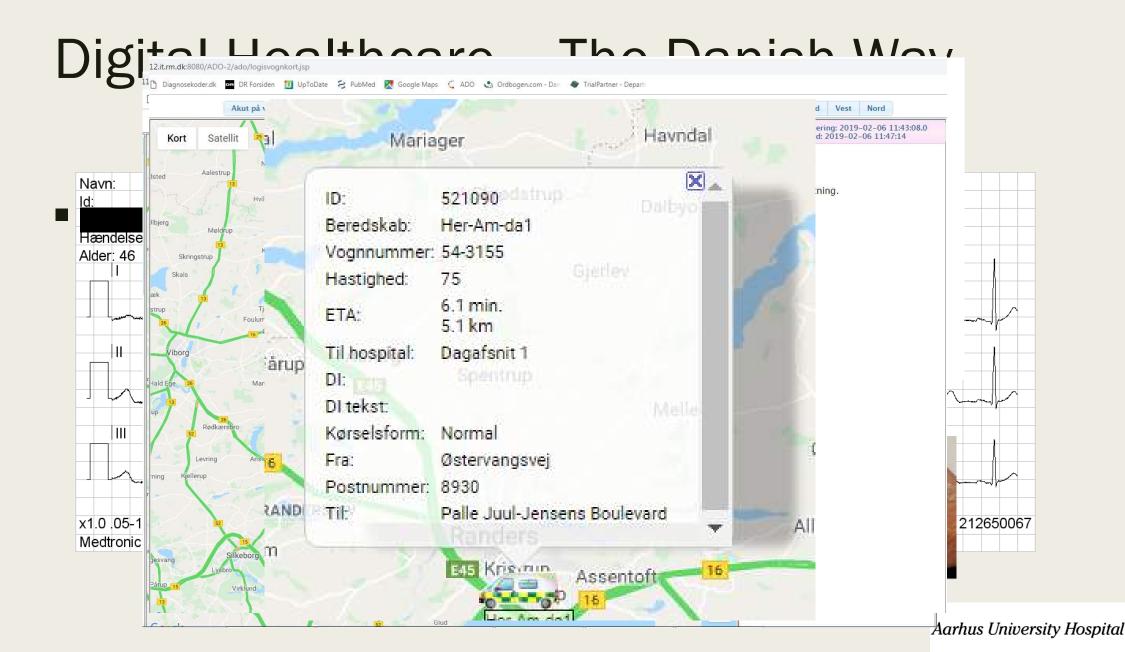
- Patients
- 1-1-2 app



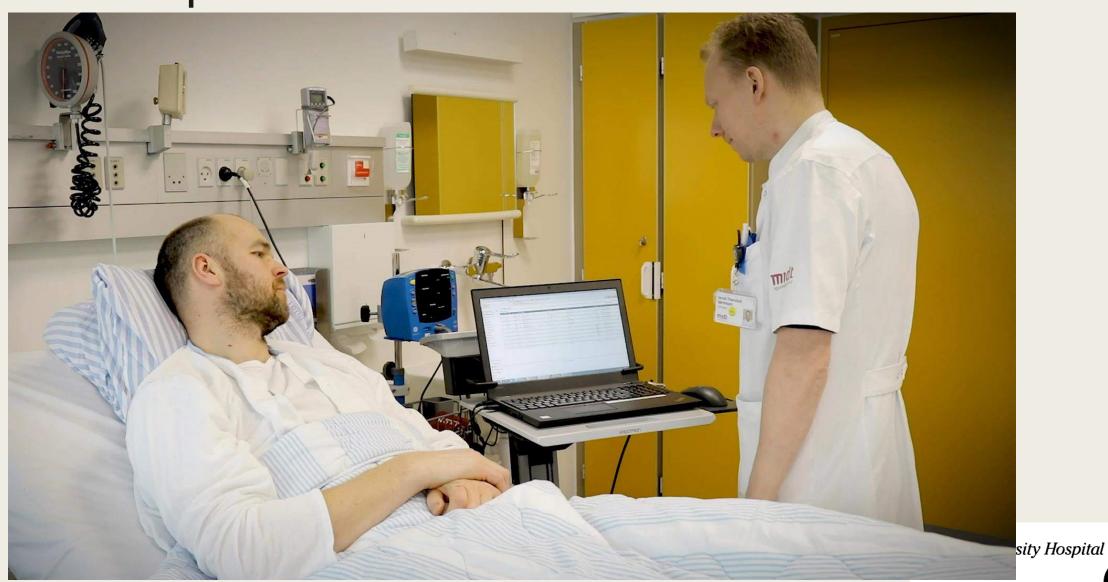
Patien

■ AED (H



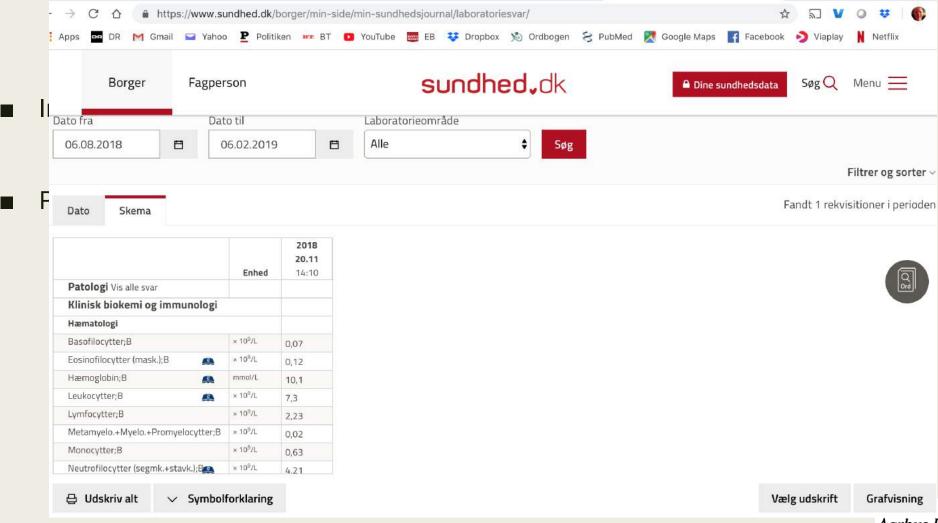


In-hospital care

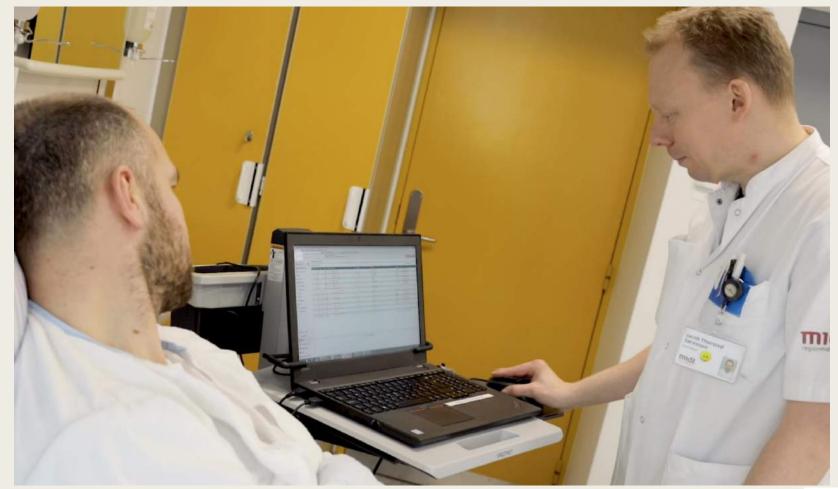


- Prehospital
 - Patients
 - Healthcare professionals
- In-hospital
 - Patients
 - Healthcare professionals

- Prehospital
 - Patients
 - Healthcare professionals
- In-hospital
 - Patients
 - Healthcare professionals



- In-hospital
- Healthcare professionals
 - Electronic patient chart
 - Access to test results
 - Access to medication
 - Access to vital signs
 - Access to imaging files
 - Patient logistics



COLUMNA eHealth platform



Columna – Integrated Electronic patient records

- Initial implementation (Pharma module) 2004
- Booking module 2006
- First version of integrated Columna 2010
- Complete implementation 2013

Columna in Central Denmark Region

■ Fully implemented solution and in 24/7 use

1 Joint solution for somatic and psychiatric patients

10 hospitals in Central Denmark Region

3400+ beds in somatic and psychiatric hospitals

20.000+ different users per day

6.7 million citizens are registered (1.7 million are patients with registered data)

2.400 admitted patients per day

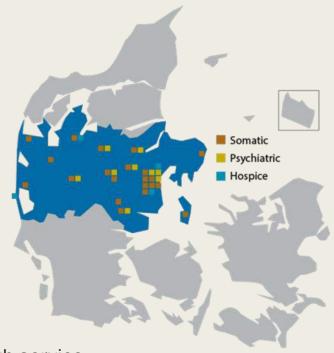
>25.000 medication prescriptions per day

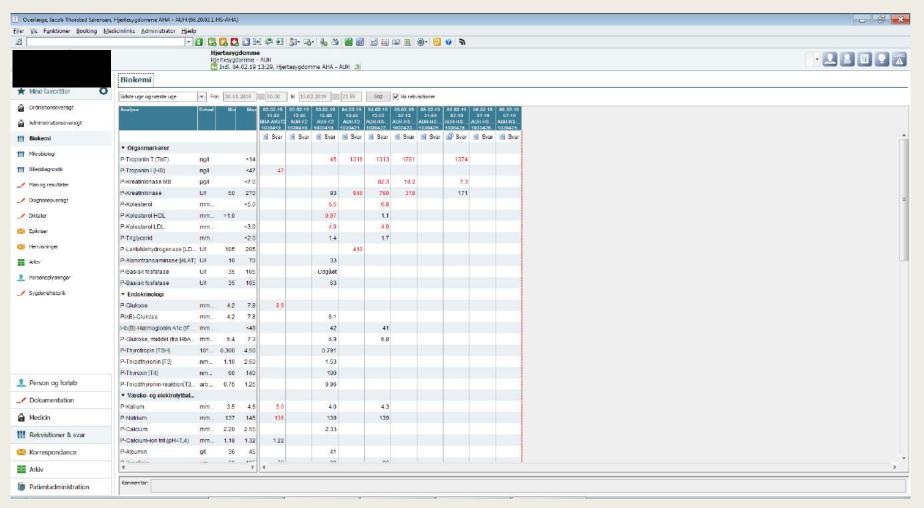
>40.000 lab results per day

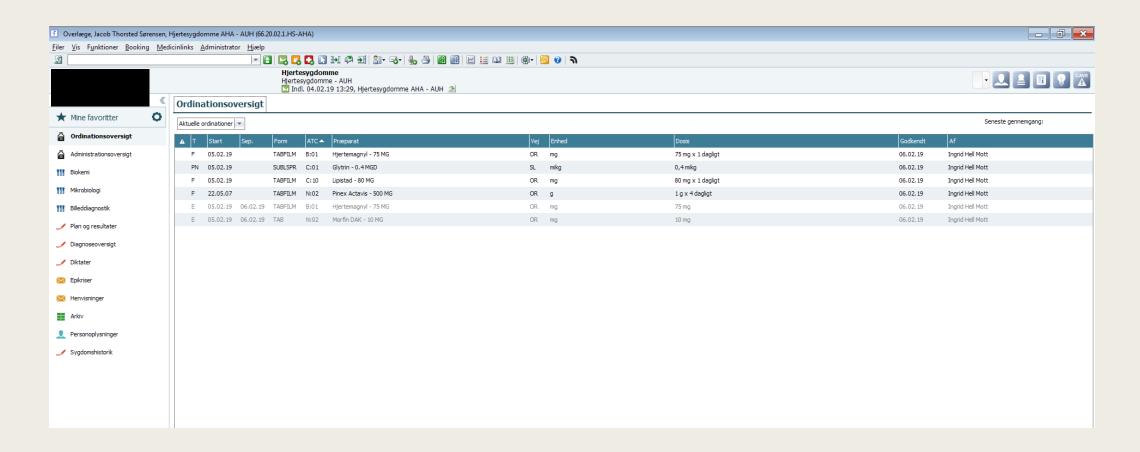
6.500 lab results per hour in peak

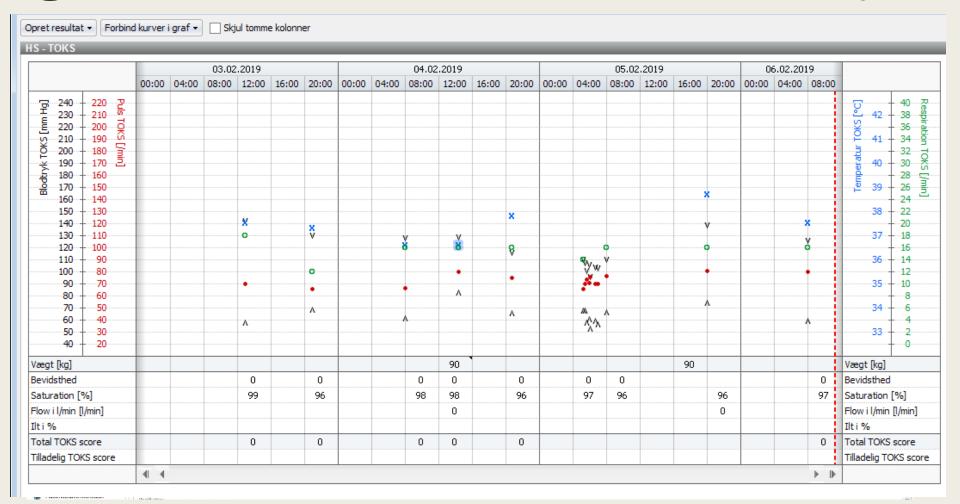
> 80,000 information exchanges per. month with primary health service and citizens to support the continuum of care

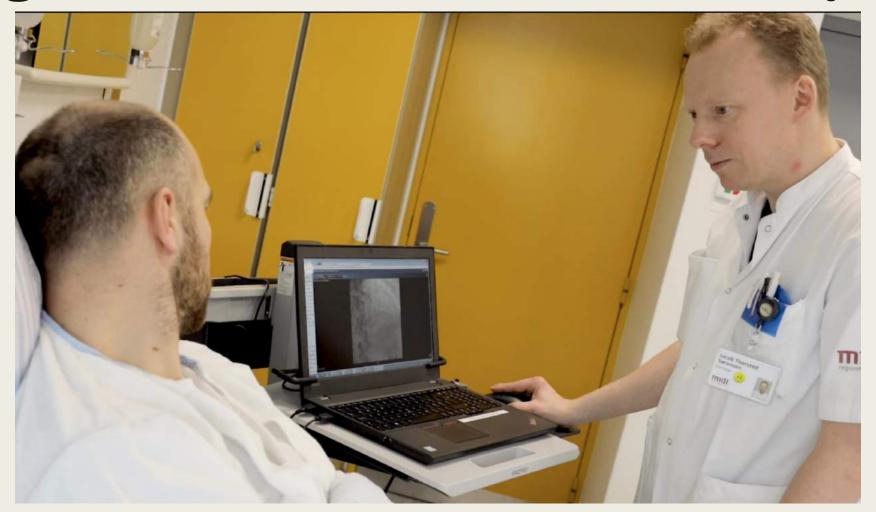
HIMMS Level 6 expected to be accredited autum 2015



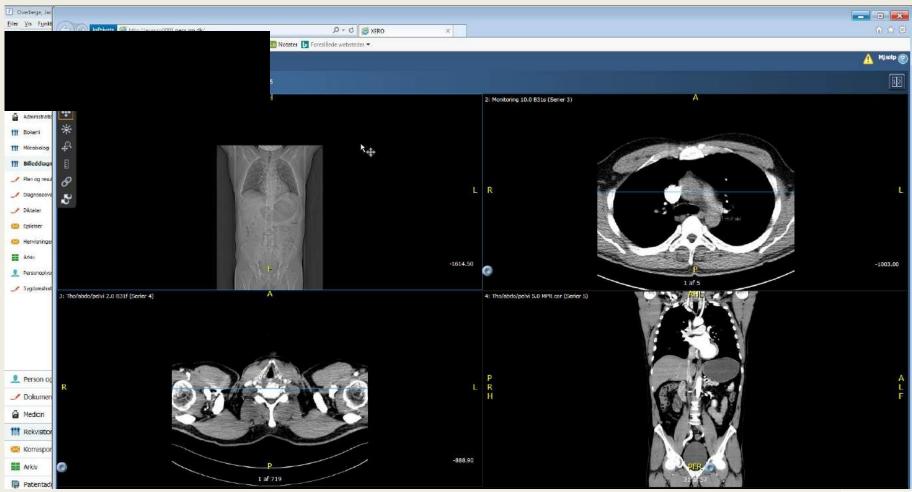








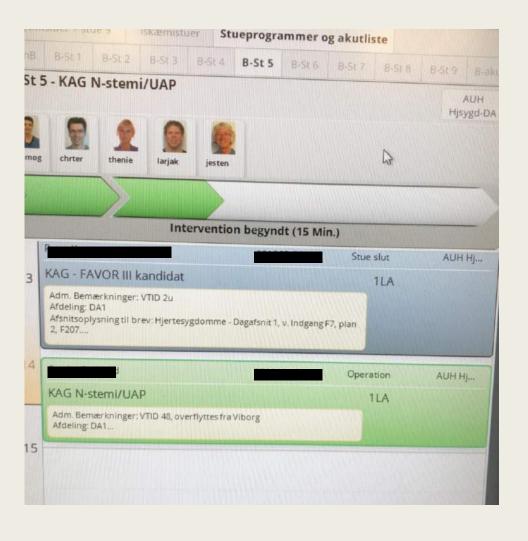


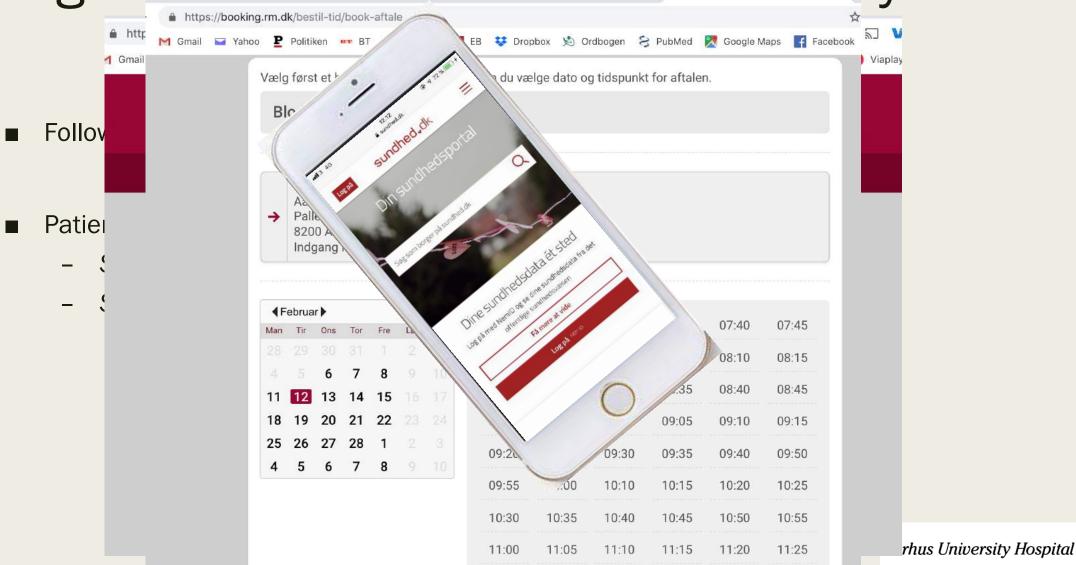


- In-hospital
- Patient logistics
 - Procedural progress
 - Cetrea Clinical logistics









- Perspectives
 - Out-patient follow up from home
 - Patient monitoring via apps data harvest
 - Vital signs
 - Heart rhythm
 - Pacemakers
 - Weight
 - Patient education
 - Efficient planning of multiple procedures
 - Research registries

■ Follow-up – Visits, blood samples etc.

Patients

- Sundhed.dk Secure, web-based access to health records
- Smartphone-enabled

