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E-Health and e-script in Denmark

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13/03/2018

Healthcare DENMARK is a public-private partnership







Her Royal Highness Crown Princess Mary is patron for Healthcare Denmark

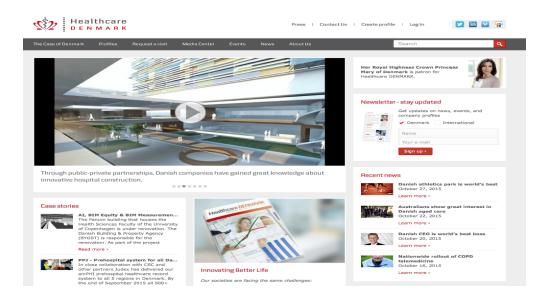


"In Denmark, our focus on putting the patient first – combined with constant efforts to improve efficiency and quality – has resulted in a wide array of innovative healthcare solutions.

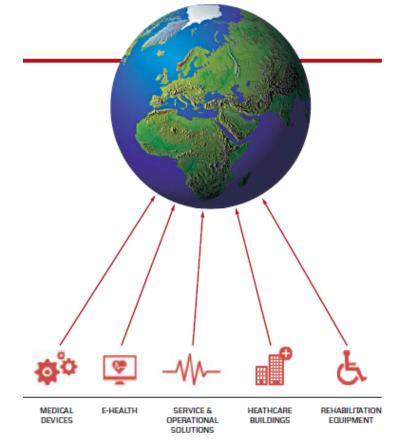
I sincerely believe Danish technologies, products and expertise can have a positive impact on global health."

Healthcare DENMARK

- Danish healthcare visitor programs
- Conferences
- Danish delegation visit to other countries
- Communication and press activities
- The Healthcare DENMARK homepage









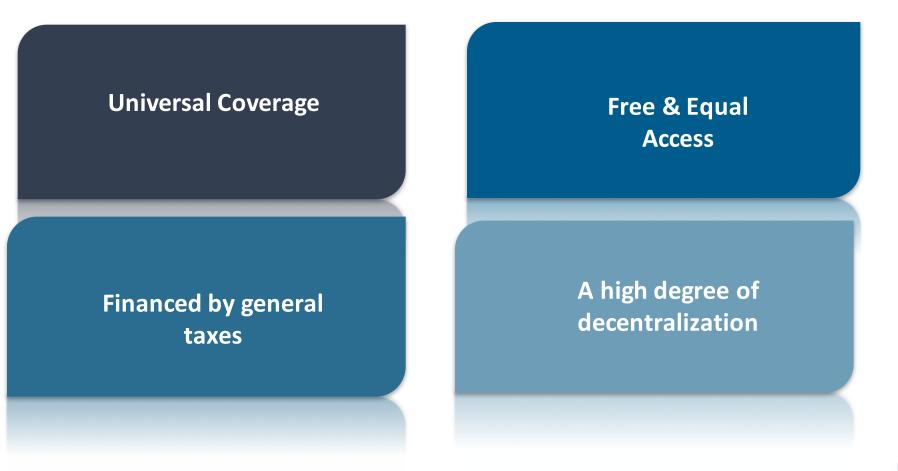
Agenda

- The Danish Healthcare System
- Danish Healthcare strategies and initiatives
- E-health in Denmark





Basic Features





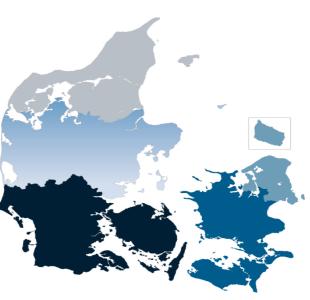
Organization of the Healthcare System



National Level

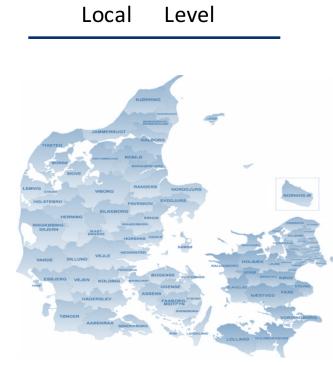


Ministry of Health



Regional Level

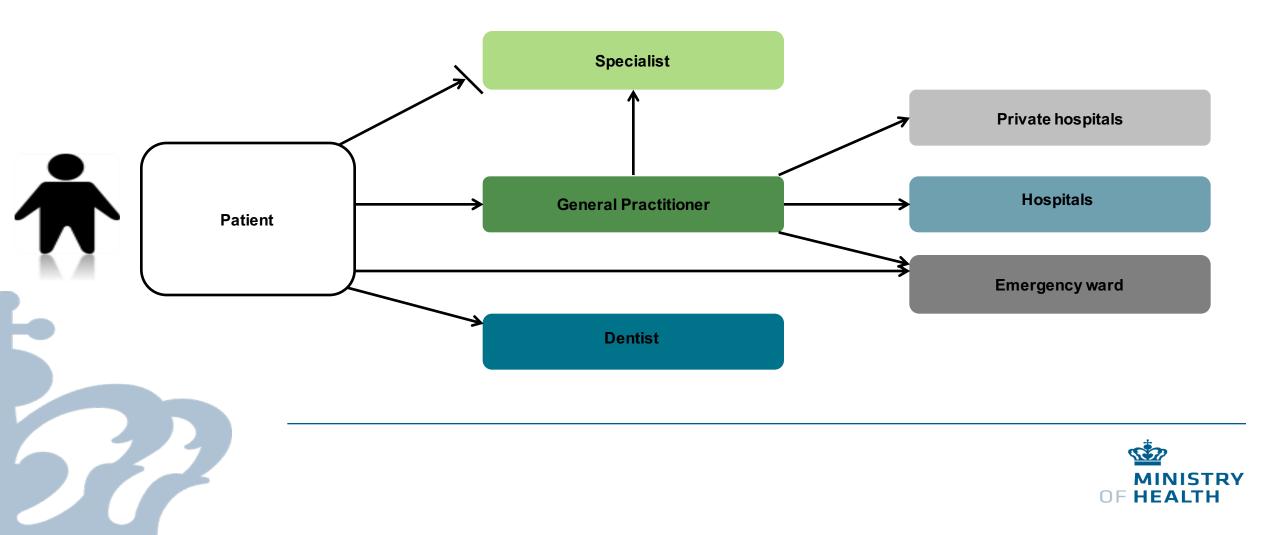
5 Regions



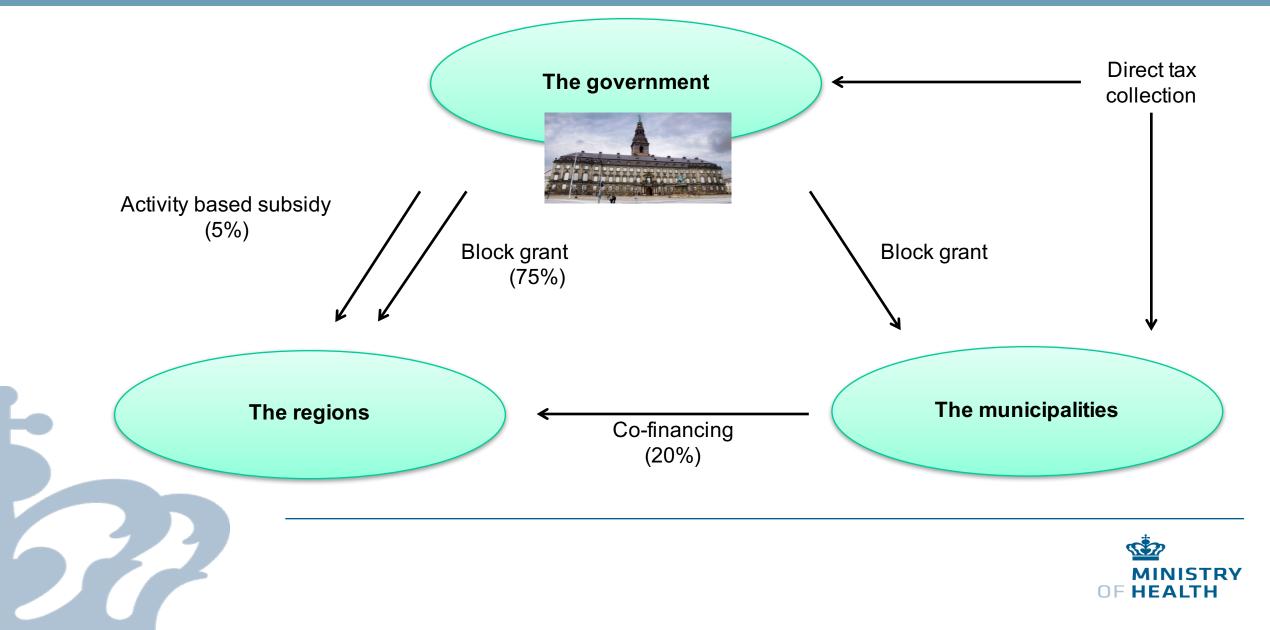
98 Municipalities



Where to go to if you get ill?



Financing Healthcare

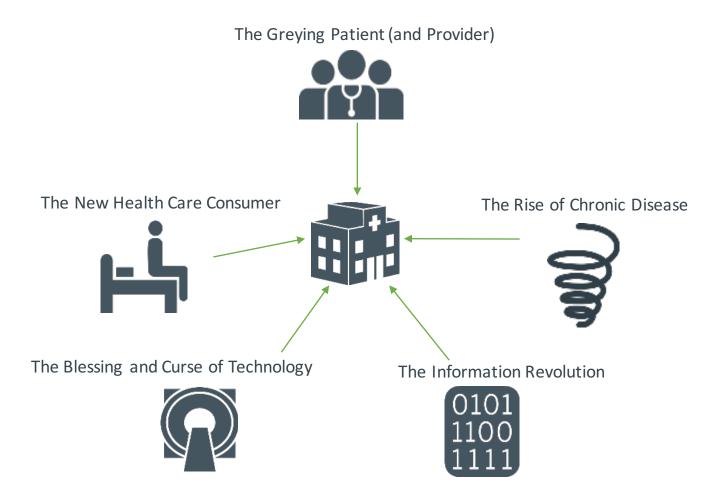




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The burning platform: Five Forces Influencing Health Care's future

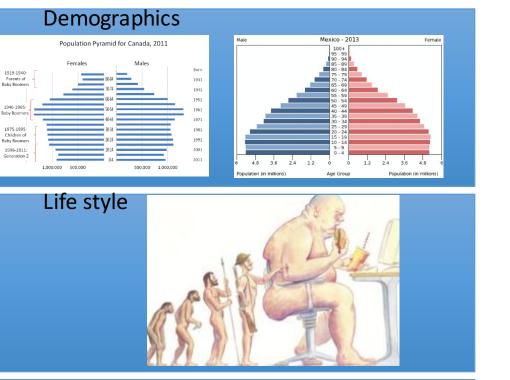




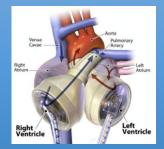
All countries face the same healthcare challenges



Healthcare challenges



New treatments

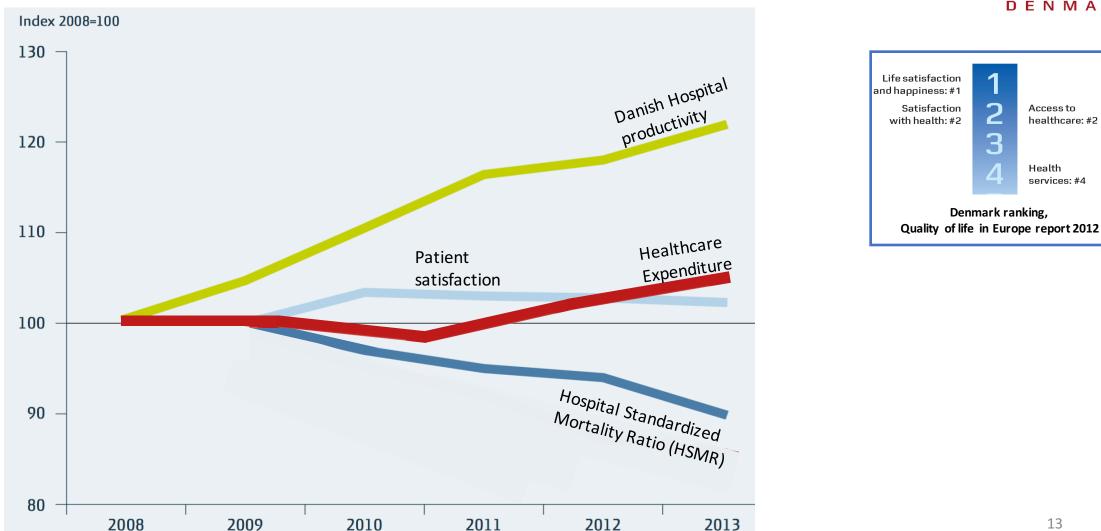




Denmarks initiatives

- Early detection of critical diseases, population health initiatives and patient empowerment
 - Early detection of diseases and immediate start of treatment
 - Nationwide screening
 - Fast access to diagnostics
 - Population health and prevention initiatives
 - Primary healthcare clinics
 - E-health, telehealth and patient empowerment
 - Ambient Assisted Living
 - Personalized Medicine
- High quality and effective hospital treatment
 - High quality treatment
 - More outpatient treatment
 - "Just-in-time" coordination and logistics

Danish citizens are happy with their lives and with healthcare services



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Access to

Health services: #4

healthcare: #2

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The Danish eHealth and Telehealth plan

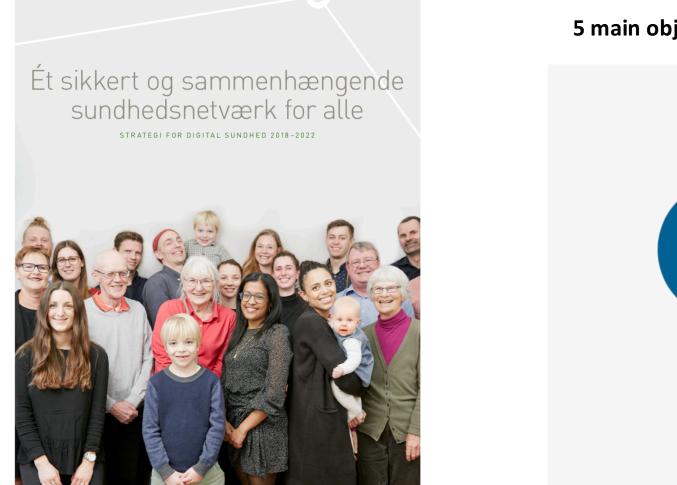


- National EHR and E-health architecture
- International standards
 - HL7
 - Continua Health Allicance
- First fully regional telehealth implementations
- Coordinated strategy:
 - Ministry of Health
 - Danish Regions
 - Danish Municipalities



The Digital Health strategy 2018-2022





5 main objectives based on 27 initiatives



13/03/2018

JANUAR 2018



The eHealth and telehealth strategy will align with the 2013 – 2020 Assisted Living strategy

- Full scale implementation of proven solutions
 - Ceiling lifts
 - Digital rehabilitation
 - Selected robot technology
- Full scale Smart Home implementation
- Smart Home technology for disabled citizens
- Coordinated strategy:
 - Ministry of Health and Prevention
 - Danish Regions
 - Danish Municipalities



13/03/2018

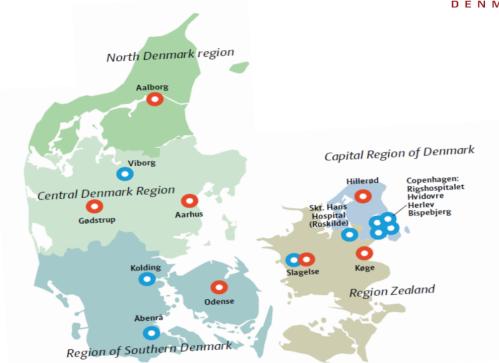


16 new hospitals will be the backbone of patient centric healthcare

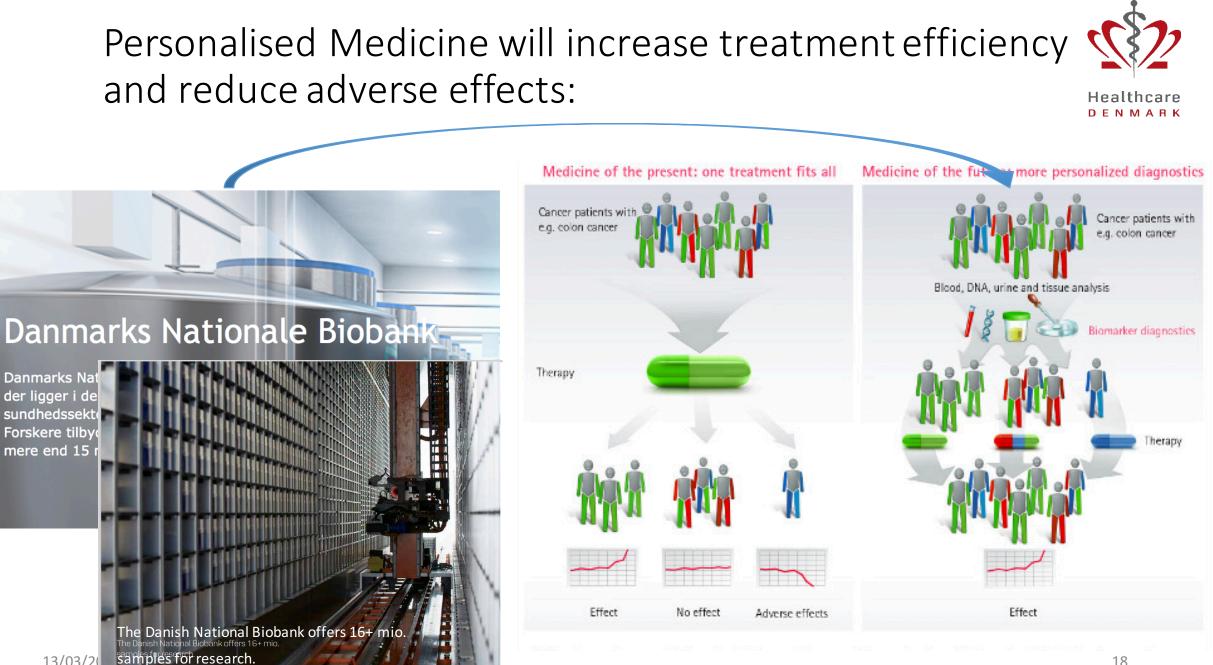
- Public-private partnerships
- New innovations
- Danish design
- Green technology













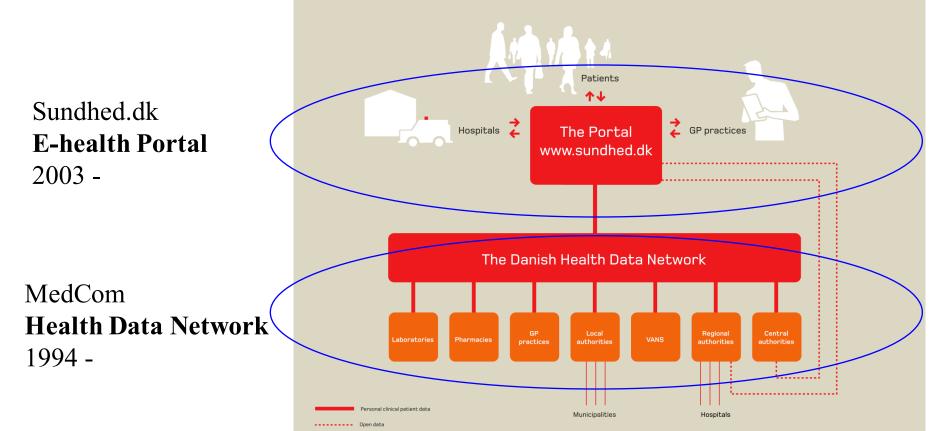
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A long term focus on health data networks and on ehealth provide efficient access to healthcare information



Healthcare



Who is behind?

Ministry of Health, Danish Regions, Ministry of Interior, National Association of Local Authorities, National Board of Health, Copenhagen Hospital Corporation, Danish Pharmaceutical Association

SERVICES FOR CITIZENS

Access to personal health data on treatment

• E.g. e-Record from hospitals and GPs and Shared Medication Card

Communication with health care providers

• E.g. Contact information and e-services like booking, prescription renewals and electronic communication

General information on health service

- E.g. quality in health care, patient rights
- Accurate and updated information on health, disease and treatment
 - E.g. medical handbook
- Personal home care/hospital solutions
 - E.g. diabetes and anticoagulant therapy
- Patient to patient dialogue

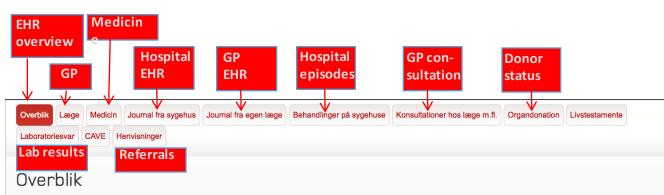
sundhed.dk

SERVICES FOR HEALTH CARE PROFESSIONALS

- Access to personal health data on patients
 - E.g. e-Record, laboratory data and Shared Medication Card
- Contact and service information on other health care providers
- General information on health service
 - E.g. waiting lists, quality in health care, health and prevention programs, visitation
- Accurate and updated information on health, disease and treatment
 - E.g. medical handbook, treatment feedback and benchmarking
- Personal home care/hospital solutions
 - E.g. diabetes and anticoagulant therapy

sundhed.dk

The national EHR today (e-journal)



I din sundhedsjournal kan du finde de seneste oplysninger registreret om dig vedrørende behandlinger, medicin, lægemiddelallergier m.m.

Læge	GP	Seneste medicin ordineret af læge Medicin				
	GP name		Dato	Medicin		Behandling
	and address		04.03.2014	Porto		
			03.03.2014	Crestor		mod forhøjet kolesterol
			27.05.2013	Restlevering		
						 Se al ordineret medicin Se dit medicinkor
Senestejo	ournaloplysninger fra sygehus (e-journ	nal)				Hospit
Dato	Sygehus	Afdeling			Diagnose	EHR
11.12.2000	KOLDING SYGEHUS	SKADESTUEN			Distorsio reg m	nalleolorum
				> Se a	ille journaloplysni	inger fra sygehus (e-journal





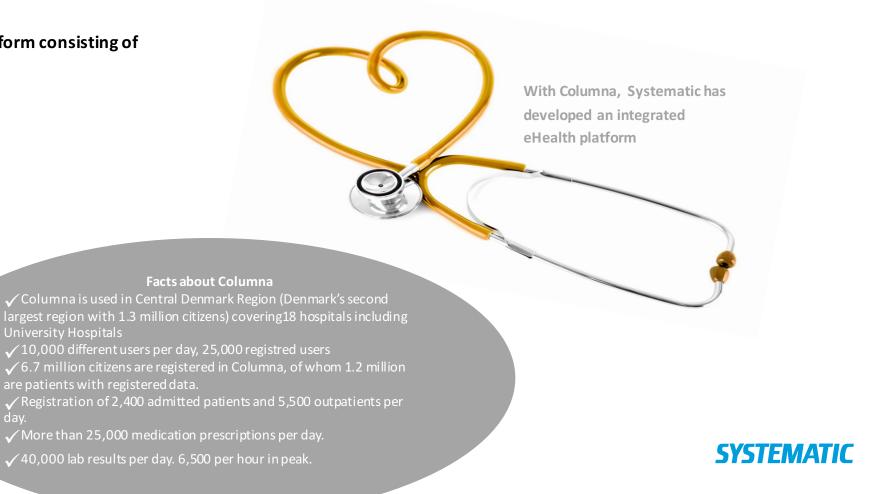
DENMARK



Data for the National E-health platform is delivered by the regional E-health solutions – e.g. the Systematic eHealth platform

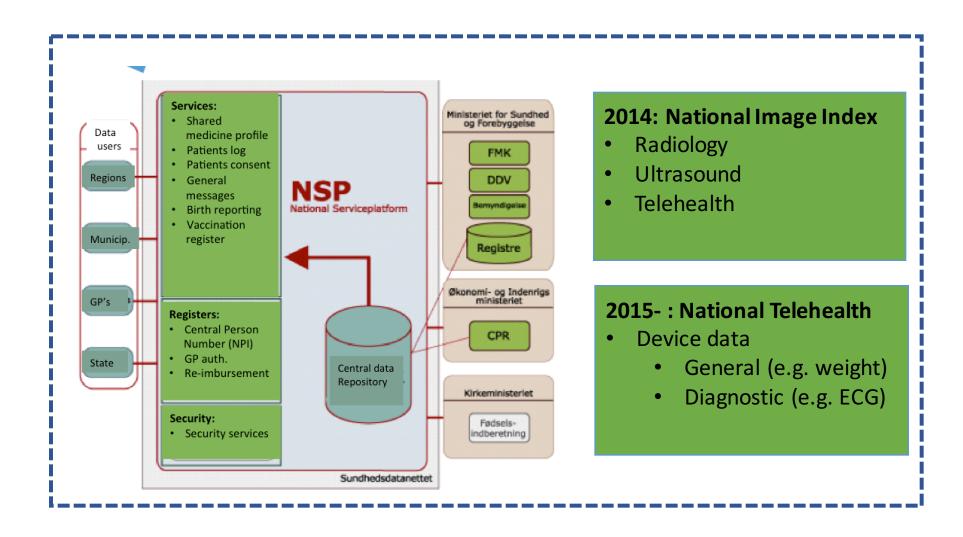
Columna is a full blown eHealth platform consisting of

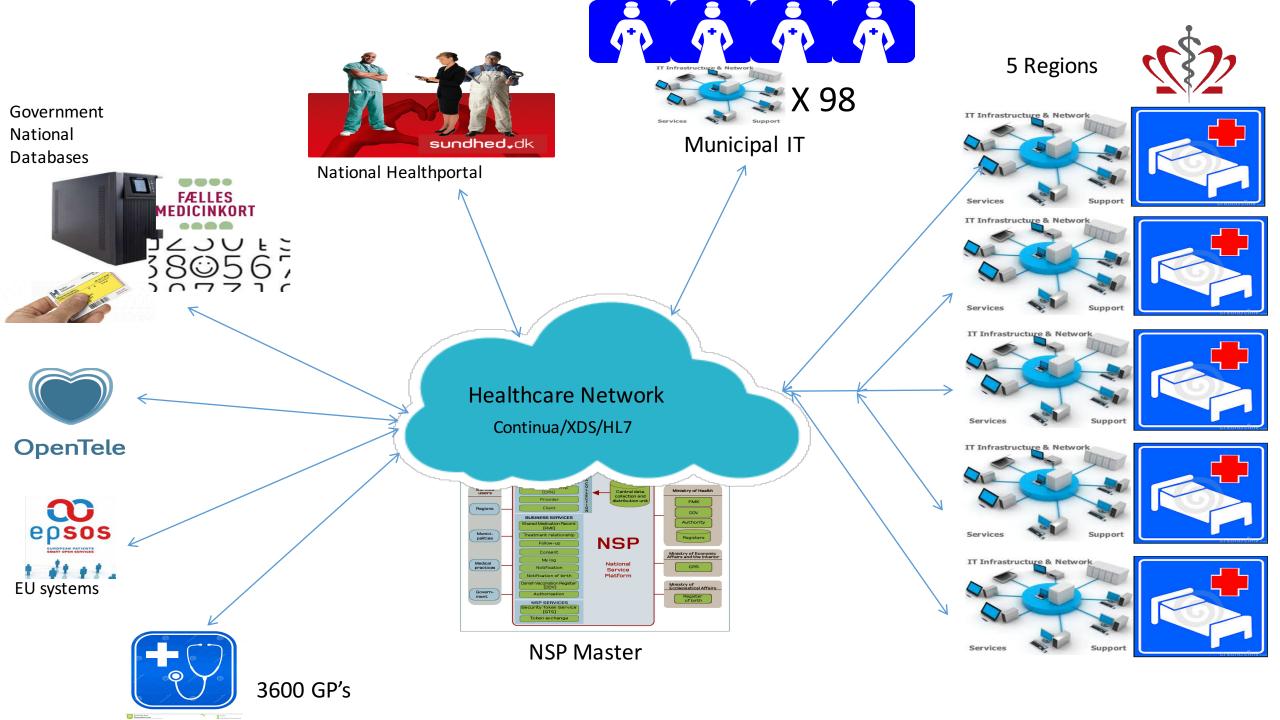
- The Patient Record
- Patient Administration (ADT)
- Booking
- Order/Result
- Medication Management
- Logistics





The National Service Platform – and new services

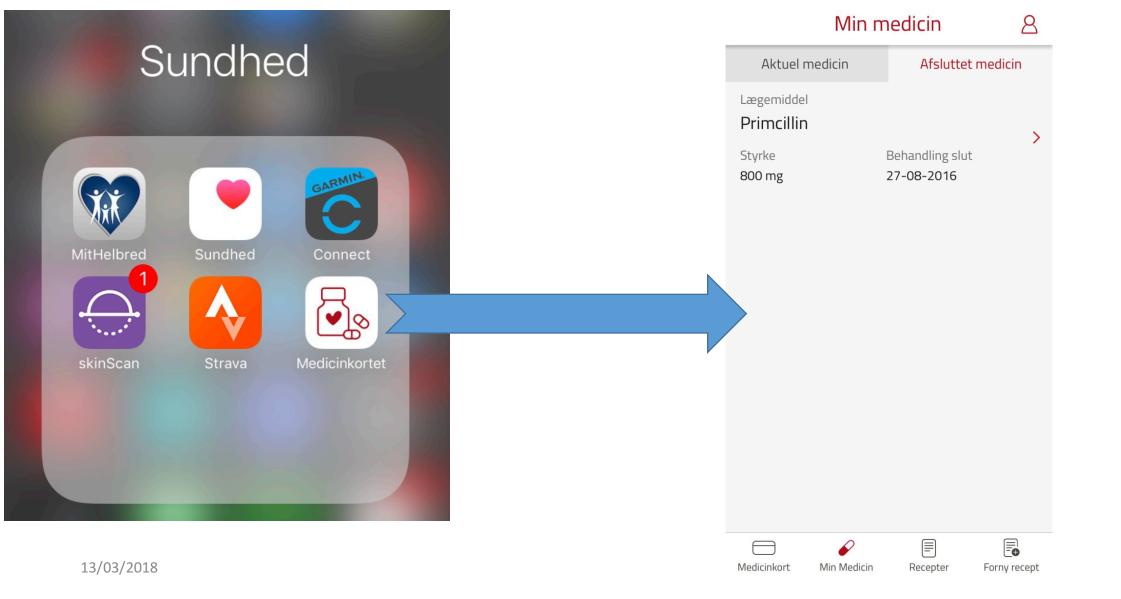






DENMARK

The Shared Medication Record app







Healthcare DENMARK

INNOVATING BETTER LIFE

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