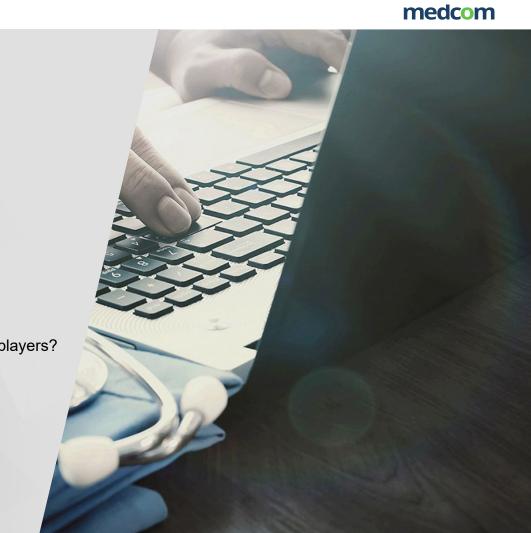# Danish FHIR adoption
MedCom transformation

Deploying FHIR: How to co-engage public and private players?
May 12. 2022

MedCom

- MedCom was established in 1994 as a **public** funded, non-profit organization and facilitates the **cooperation** between authorities, organizations and private firms linked to the Danish healthcare sector.

- MedCom is financed and owned by The Ministry of Health, Danish Regions and Local Government in Denmark (Municipalities).

- Since the beginning, MedCom's role has been to contribute to the **development**, **testing**, **dissemination** and quality assurance of electronic communication and information in the healthcare sector in order to support excellent continuity of care.

- MedCom runs the Danish **backbone** healthdata network

- MedCom is also a project organization

MedCom Catalog of Standards

- Responsible for 194 national Standards/Profiles
  - UN-EDIfact (messaging)
  - OIO-XML (messaging and datasharing), cross Danish Public Domains
  - Webservices (Danish Guideline "DGWS")
  - Classifications (ex laboratory ID, prompts connected to lab.analysis)
  - HL7v3 CDAv2 (documentsharing IHE XDS)
  - HL7 FHIR R4 (messaging)
- Test and Certification of 153 IT-systems

Modernization

- Open international HL7 Standards
  - CDA: PRO (3), Patient Overview (3), Pregnancy (4)
  - FHIR: HospitalNotification + CareCommunication (2)
- Infrastructure
  - IHE XDS, indexing CDA documents
  - Messaging with privatly operated VANS, substituted with eDelivery
  - FHIR API for national telemedicine "FUT" (firstmovers in Municipality)
- Quality Management System
  - Make Standards & Perform certification

DK-core

- Danish HL7 affiliate develop FHIR core-profiles "DK-core"
  - Members are Health Authorities, Industry, Consultants (25)
  - FHIR Ressources like Patient, Organization, Practitioner, Condition
  - Whats not in DK-core also need coordination (but expect need for variants)

- MedCom Standards inherit from DK-core

- Other Danish FHIR-projects allready implemented, in process to also inherit

- Health Authorities approve all Standards

MedComs role in supporting the FHIR adoption

- HL7 affiliate owns DK-core
  - Affiliate approves development in Special Interest Group (SIG)
- MedCom facilitates development of DK-core in SIG (one hour bi-weekly)
  - Agenda, meeting minutes, release planning

- MedCom perform review of DK-core, incl. response from Stakeholders
- MedCom is Steward, and ensure approval of DK-core
- MedCom is SPOC regarding questions about DK-core

MedComs role in supporting the FHIR transformation

- Deliver the Infrastructure Architecture
    - Bridge between the different Technology
    - Not a choice between messaging, documentsharing or API
- Roadmap for successive transition
    - Legacy standards have to co-exist with new FHIR standards
    - Opensource Converter FHIR/Legacy
        - Reward firstmovers (not having to wait for all receivers to support FHIR)
        - Help lastmovers (convert to legacy standards)
        - National mappping ensures quality and consistency (mapping is complicated)