Planning project for a national electronic health record for primary care services and national health sector information exchange

Dialogue conference

24th of May 2019
Agenda

1. Welcome and introduction
2. The Norwegian health care sector and the overall ehealth strategy
3. The planning project and market dialogue
4. Q&A
Health and care services for all

Population 5.3 million

4,600 GPs, 14 million consultations

GP acts as gatekeeper

Life Expectancy 82.5 (UK 80.9)

10.5% of GDP (UK 9.7)

Public Funding 85%

Source: Statistics Norway (2018) and Norwegian Directorate of Health (2018)
Current situation: Challenge to achieve connected health across the Norwegian health and care services

Nationally
- Ministry of Health and Care Services
- The Parliament
- Ministry of Local Government and Modernization

Regionally/locally
- Regional health authorities
- 1.800 Contracted Specialists and institutions

Hospitals and Specialist health care

Primary health care

422 municipalities

4.600 General Practitioners

4.600 General Practitioners

Direktoratet for e-helse
Citizen Patient

I am not in control

I have to retell my story multiple times

Information is often out of date

I would like to participate more

Doctor Nurse

Relevant information is not available

Mistakes happen

I spend a lot of time trying to coordinate with others

I spend a lot of time searching for information

Information is often out of date

Management

I am unsure of the quality of our services

We lack proper tools to...

I spend a lot of time trying to coordinate with others

...monitor quality improvement

...plan resources and personnel

...plan for competence development

...improve patient safety
The Norwegian health care is facing several challenges

- Macroeconomic development with an increasing senior population and tighter financial preconditions
- Due to future capacity challenges a shortfall of healthcare services is expected
- The increase in demand will be solved in municipal healthcare services this requires better coordination
- Current ICT systems provide heavy-duty and limited work tools with limited opportunity for integration and information exchange

Political goals and the citizens expecting coordinated health services and a coordinated public sector can not be met by current ICT solutions
One citizen – one record* set out three objectives for the ICT development in the healthcare system (Governmental white paper)

Healthcare personnel shall have user friendly and secure access to patient information

The citizens shall have access to user friendly and secure digital services

Data shall be accessible for quality improvement, health monitoring, management and research

* Governmental white paper: Meld. St. nr. 9 (2012-2013)
Central Norway

Specialist healthcare services

Municipal healthcare services

North

West

South-East

National solution for connected health

Common EHR for municipal healthcare services
Agenda

1. Welcome and introduction
2. The Norwegian health care sector and the overall ehealth strategy
3. The planning project and market dialogue
4. Q&A
Objective of the dialogue process

- The Ministry of Health and Care Services have commissioned the Directorate of eHealth to conduct a planning project for establishing a national electronic health record (EHR) for primary care services and a national health sector information exchange.

- The Directorate of eHealth would like to engage the supplier market and industry associations for health IT solutions and services to provide input to the planning project.

- Deadline for report: January 2020

- Basis for the government's and municipalities' investment decision process, tentatively in 2020.

- This dialogue does not constitute a procurement.
The project is conducted in accordance with the governments project model* for large investment programs

*"R-108/19 Krav til utredning, planlegging og kvalitetssikring av store investeringsprosjekter i staten" from the Ministry of Finance.
The planning project will prepare a roadmap for the whole project

<table>
<thead>
<tr>
<th>2019</th>
<th>2020</th>
<th>2021</th>
<th>2022</th>
<th>2023</th>
<th>2024</th>
<th>2025</th>
<th>2026</th>
<th>2027</th>
<th>2028</th>
<th>2029</th>
<th>2030</th>
</tr>
</thead>
<tbody>
<tr>
<td>Forprosjekt og KS2</td>
<td>Anskaffelse</td>
<td>Etablering og tilpasning</td>
<td>Innføring</td>
<td>Drift og forvaltning</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
The solution concept comprise a national electronic health record solution for primary care services* and a national solution for collaboration and information exchange for all health care services.

- Collaboration with citizens
- Collaboration with other governmental services, excl. health
- Collaboration between healthpersonell within the common solution
- Collaboration with specialist healthcare
- Integration with other municipal solutions

Core solution integration capabilities:
- Common EHR
  - Documentation of course and state
  - Patient, service and resource management
  - Knowledge, decision and process support
  - Mgmt, quality improvement, and health analysis

* outside the region of Central Norway
Key areas of interest in the market dialogue

1. Functionality in the electronic health record
2. Functionality in a citizen portal
3. Collaboration and interoperability
4. Identity and access management, information security and privacy
5. Innovation and eco-system support
6. Decision support, work flow and knowledge management
7. Contract and sourcing strategy
8. Implementation strategy - migration, organizational transformation and adoption
9. Benefit realization - documented gains and benefits
10. Cost estimation - documented reference models for cost estimation
Next step

- Please let us know by May 31st if you would like an individual meeting in June/August
- The project will send out invitations as of next week
- All responses and inquiries must be made to en.journal@ehelse.no

This presentation is available at ehelse.no
Agenda

1. Welcome and introduction
2. The Norwegian health care sector and the overall ehealth strategy
3. The planning project and market dialogue
4. Q&A