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EXPERIENCE
SESSIONS
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Cross-border exchange of medical images

A use case of the Border Region Project

Maayke Klinkenberg – sr adviser Nictiz

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Nictiz

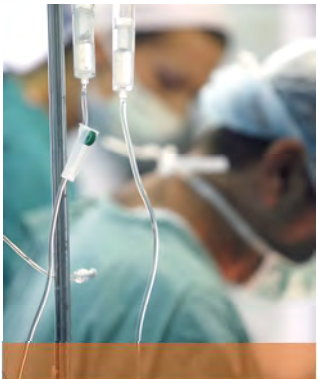
Nictiz is the Dutch competence centre for electronic exchange of health and care information.

We develop and manage standards that enable electronic information exchange.

Nictiz collects and shares knowledge on electronic information exchange in healthcare.

We focus not only on the Netherlands, but also on international developments and cross-border aspects.

Agenda



Goals



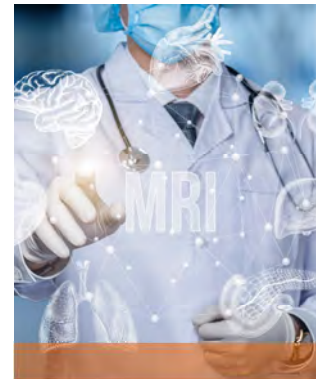
Criteria



Approach



Results



What's next?

Goals

Border Region Project: why?

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- Implementation of European policy: international exchange of healthcare information
- Challenge: to acquire and expand knowledge and expertise
- Accelerate: share hands-on experiences



Border Region Project: why?

- Implementation of European policy: international exchange of healthcare information
- Challenge: to acquire and expand knowledge and expertise
- Accelerate: share hands-on experiences

Use case MUMC+ - UK Aachen

- Collaboration on livertransplants since 2016
- Weekly joint consultation
- 15 transplants per year
- Exchanging data was time-consuming and cumbersome



Criteria

Which use cases?

Which use cases are eligible?

- Scope: concrete result achievable in 1 year
- National priority data exchanges
- European developments
- Generic and scalable solution



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Use case MUMC+ - UK Aachen

- Exchange of radiology images
- National developments
- European project: X-eHealth



Approach

How did we do it?



Organisation policy

Care process

Information

Application

IT-infrastructure

Healthcare provider

Approach

- Declaration of intent
- Analysis of present situation (IST)
- Description of desired situation (SOLL)
- Gap-analysis and action plan
- Realisation



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Use case MUMC+ - UK Aachen

- Regular consultation at Board level
- Information and process analysis
- DVDExit and Teleradiologieverbund
- Patient consent: explicitly registered in hospital system

Results

What has been achieved?

First step: exchange via Dicom Mail



Since March 17th successfully in use!





Lessons learned

- Communication: articles, presentations
- Factsheet use case



Lessons learned

- Communication: articles, presentations
- Factsheet use case

Use case MUMC+ - UK Aachen

- Patient identification: to be solved
- Finding the right experts in the organisation takes time

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What's next?



Other use cases

- Use case Enschede-Kreis Borken: digital announcement by German ambulance to Dutch hospital
- Preparation of other use cases



Other use cases

- Use case Enschede-Kreis Borken: digital announcement by German ambulance to Dutch hospital
- Preparation of other use cases

Plans of MUMC+:

- Expand to other departments
- Expand to other types of information
- Upgrade to XDS



Make it work. Make it better. Make it beautiful.