



Abrumet's FHIR strategy

Regional, multidisciplinary & patient centric

24/04/2021

Abrumet's FHIR strategy

1. Philosophy
2. Tools in place
3. Pilot projects underway
4. Evolution in the future to allow the exchange of structured data by multidisciplinary care providers and then, in the medium term, by compatible FHIR hospitals

1. Philosophy

1. Use of international standards
2. Abrumet member of HL7 Belgium / IHE Belgium
3. Advice of the Architecture Workgroup to use FHIR instead of KMEHR
4. Use of standards does not mean centralization of data

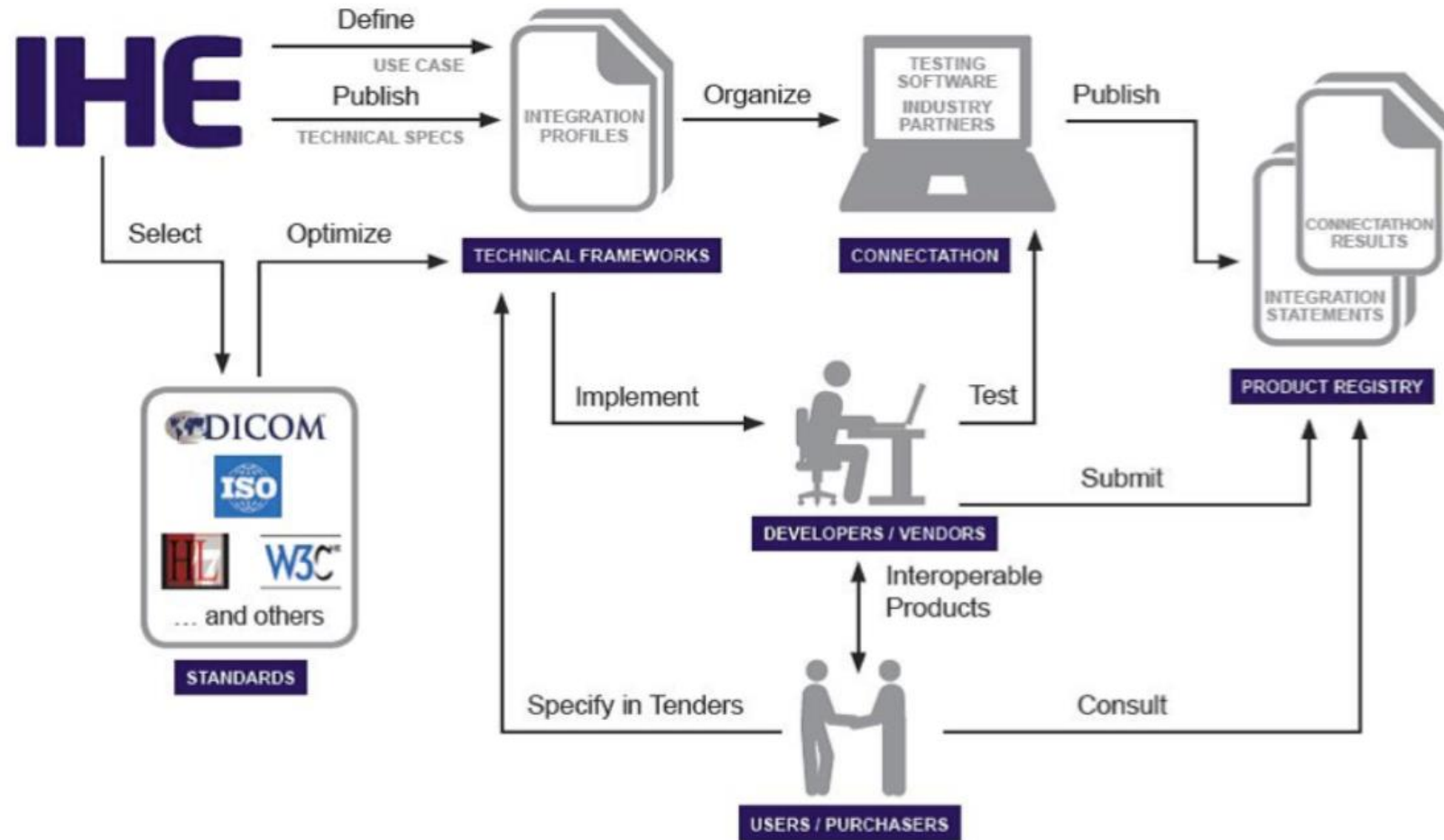
Usefulness to use international standards



Integrating
the Healthcare
Enterprise



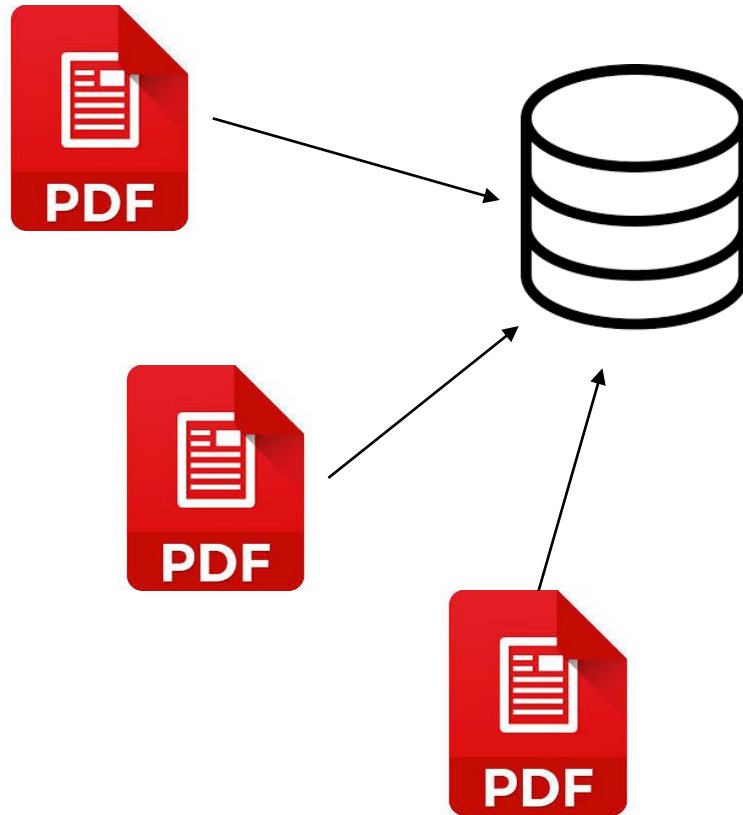
Abrumet member of HL7/IHE Belgium



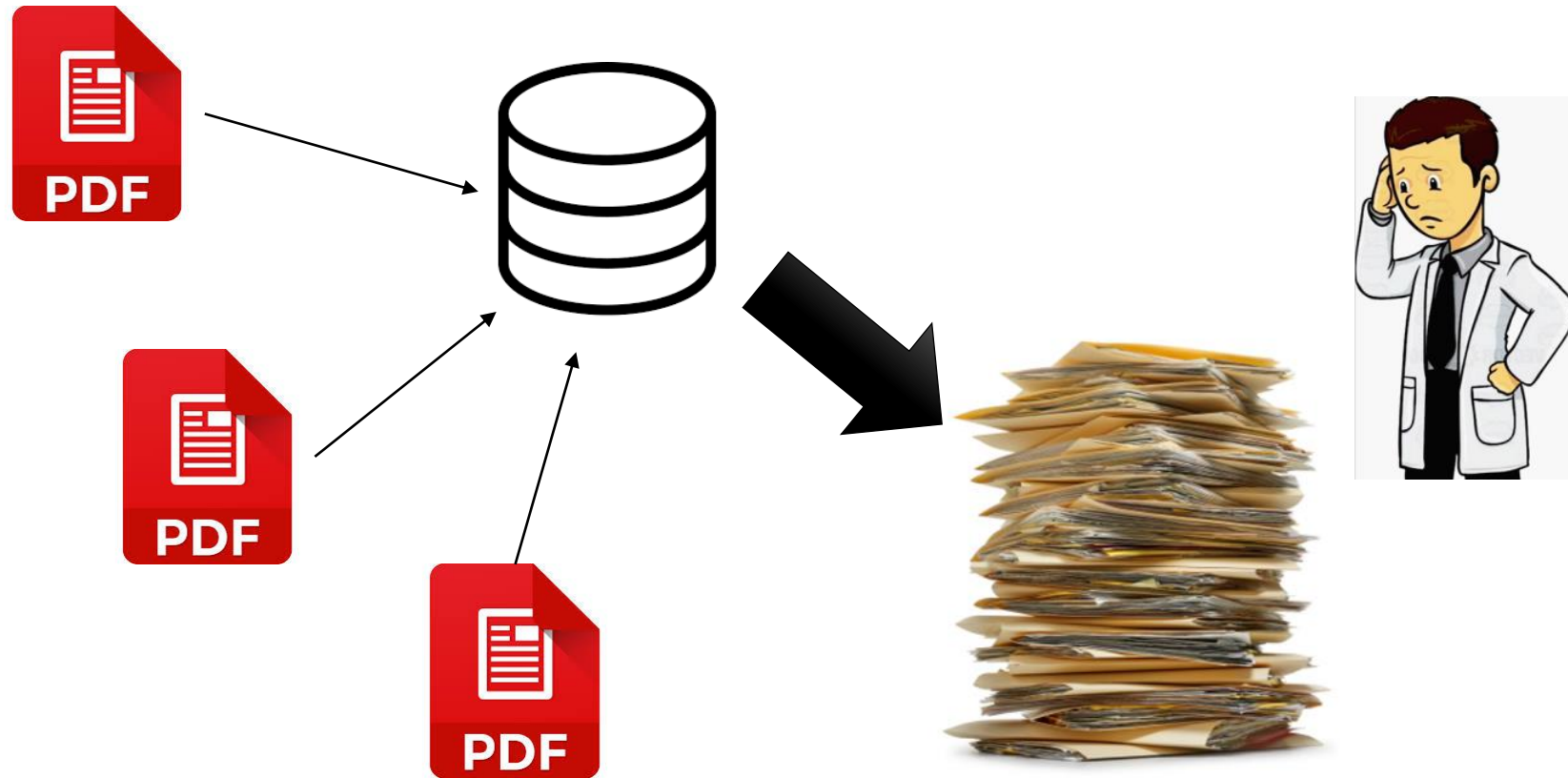
Advice of the Architecture Workgroup to use FHIR instead of KMEHR

- KMEHR is an old standard
- KMEHR has often been implemented with local customizations
- All the KMEHR systems in production are maintained
- All the new systems will be implemented in FHIR

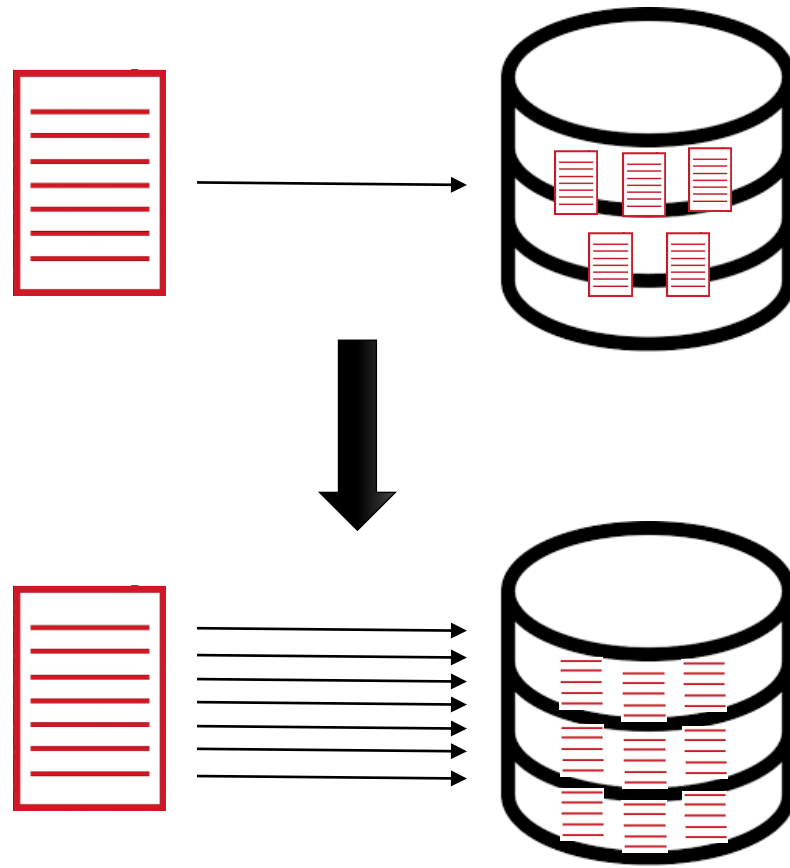
The majority of information is exchanged in a document format (PDF)



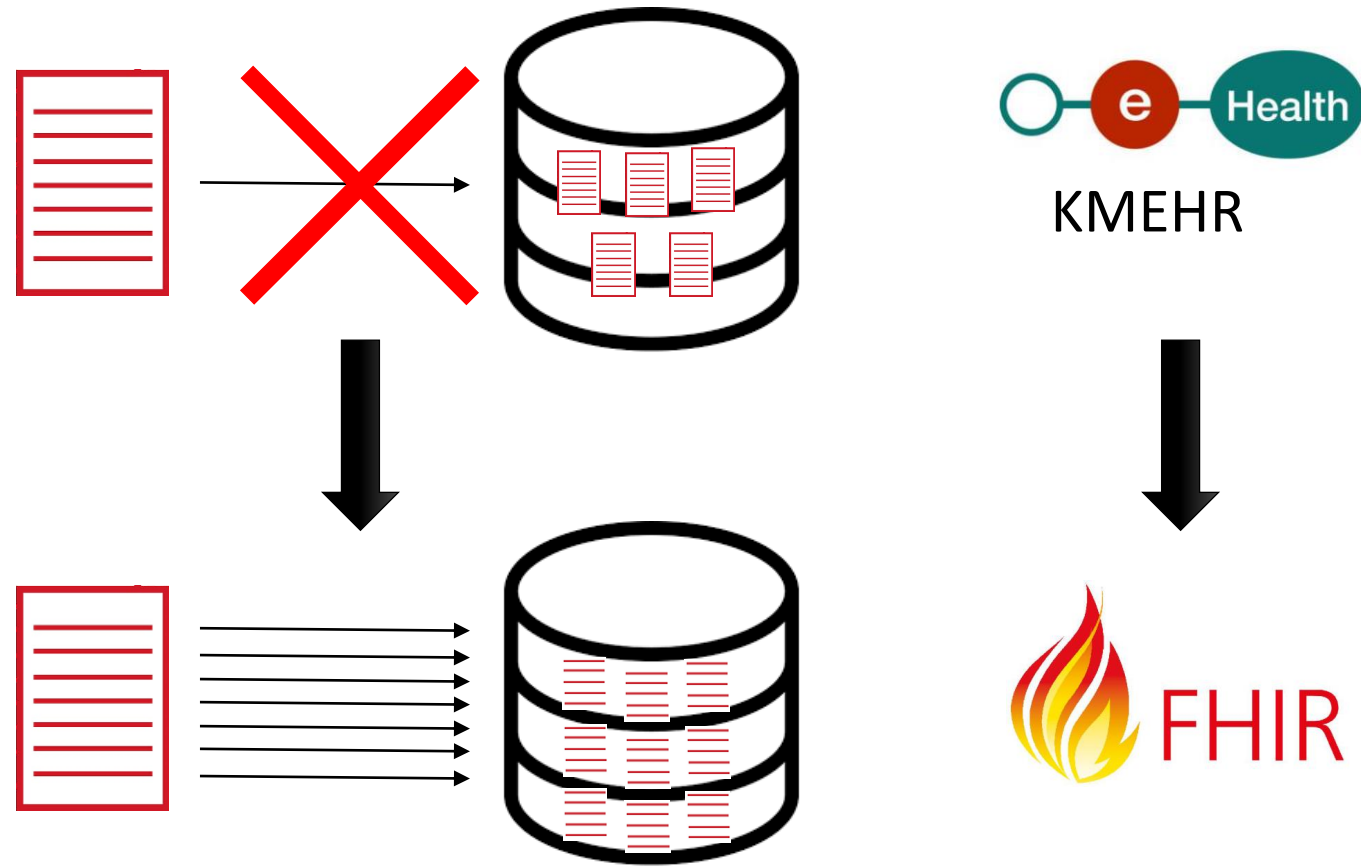
It can be difficult for healthcare holders to find the right information in a pile of documents



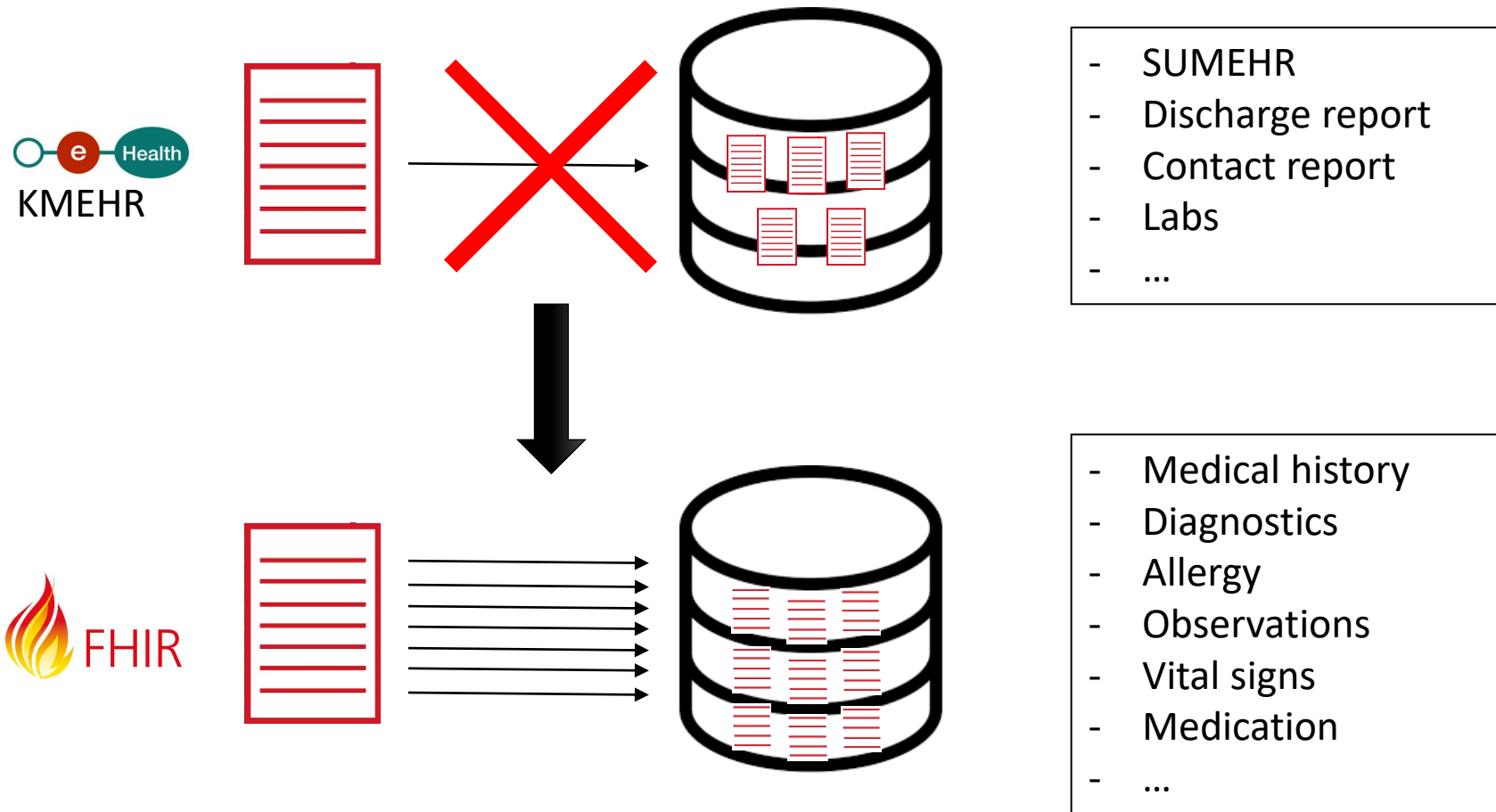
Exchange of structured data instead of documents



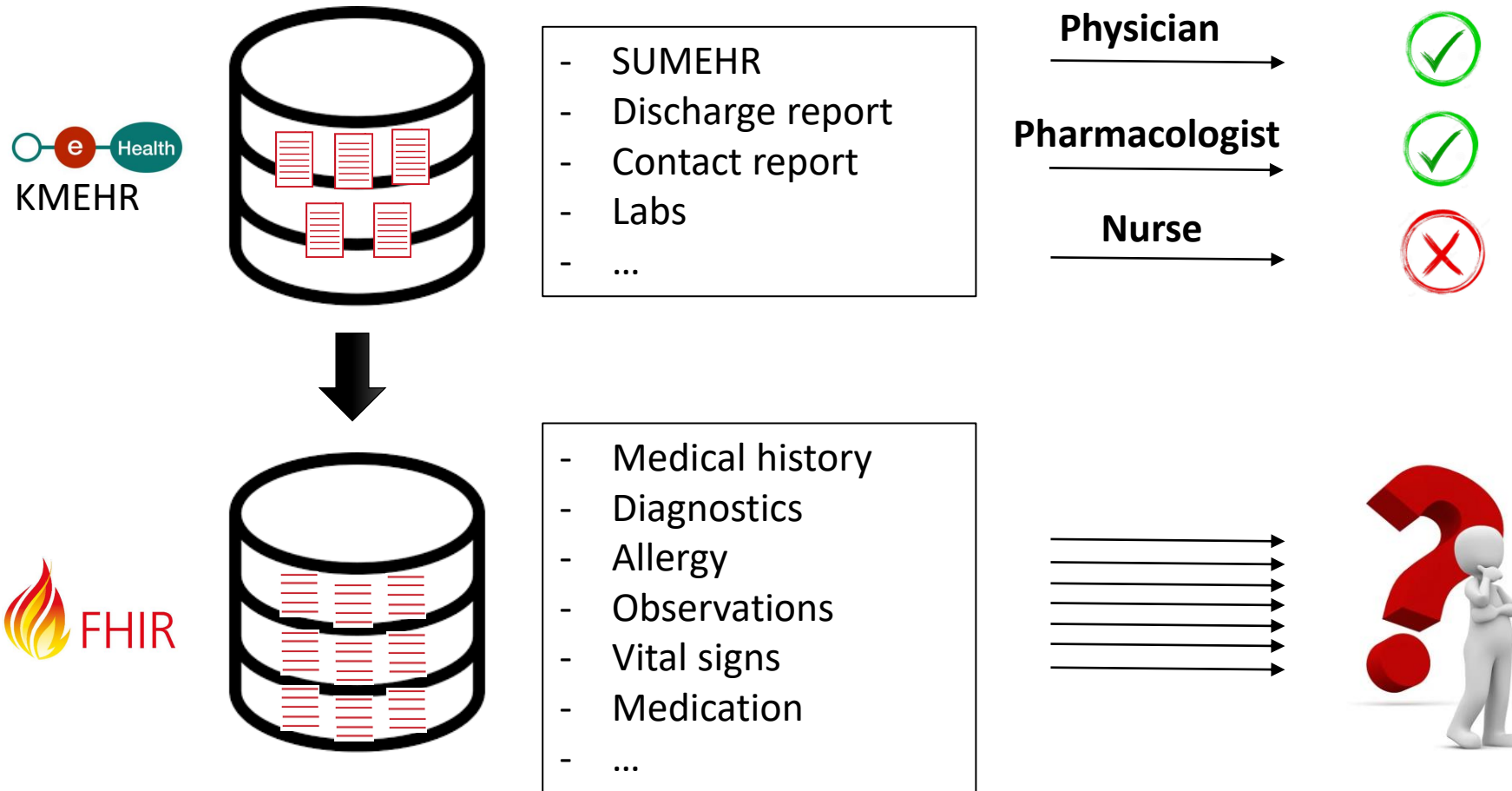
FHIR is more granular than KMEHR



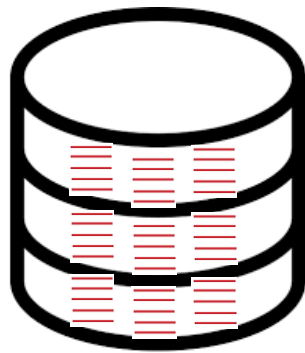
Exchange of structured data instead of documents



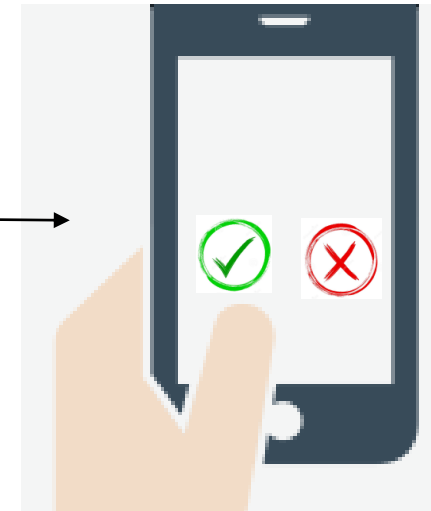
Access Management KMEHR vs FHIR



Patient-centric Access Management Approach

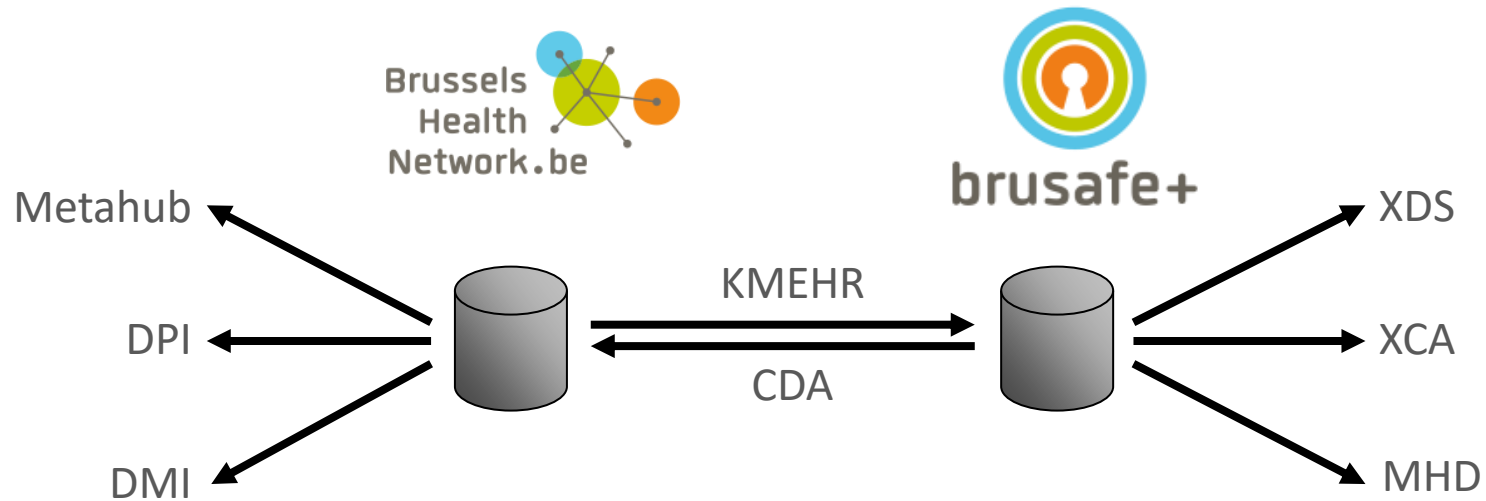


- Medical history
- Diagnostics
- Allergy
- Observations
- Vital signs
- Medication
- ...



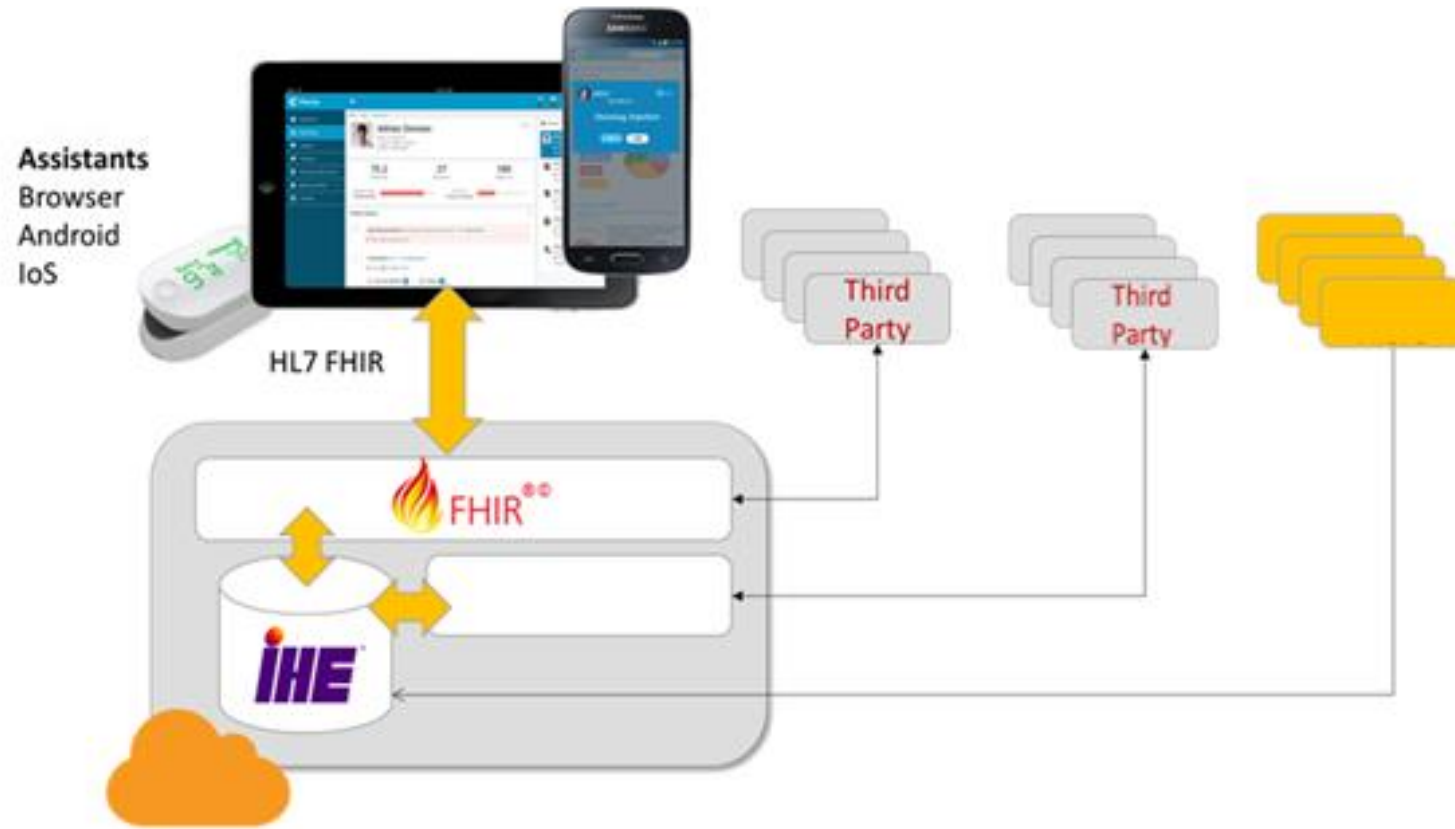
2. Tools in place

Current hybrid architecture
KMEHR / XDS-CDA (2017)



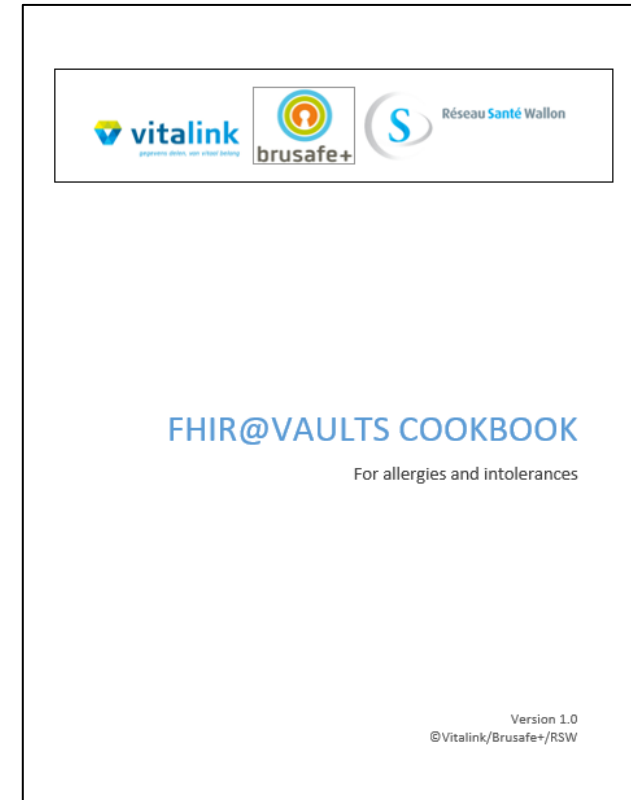
2. Tools in place

FHIR project (2021)



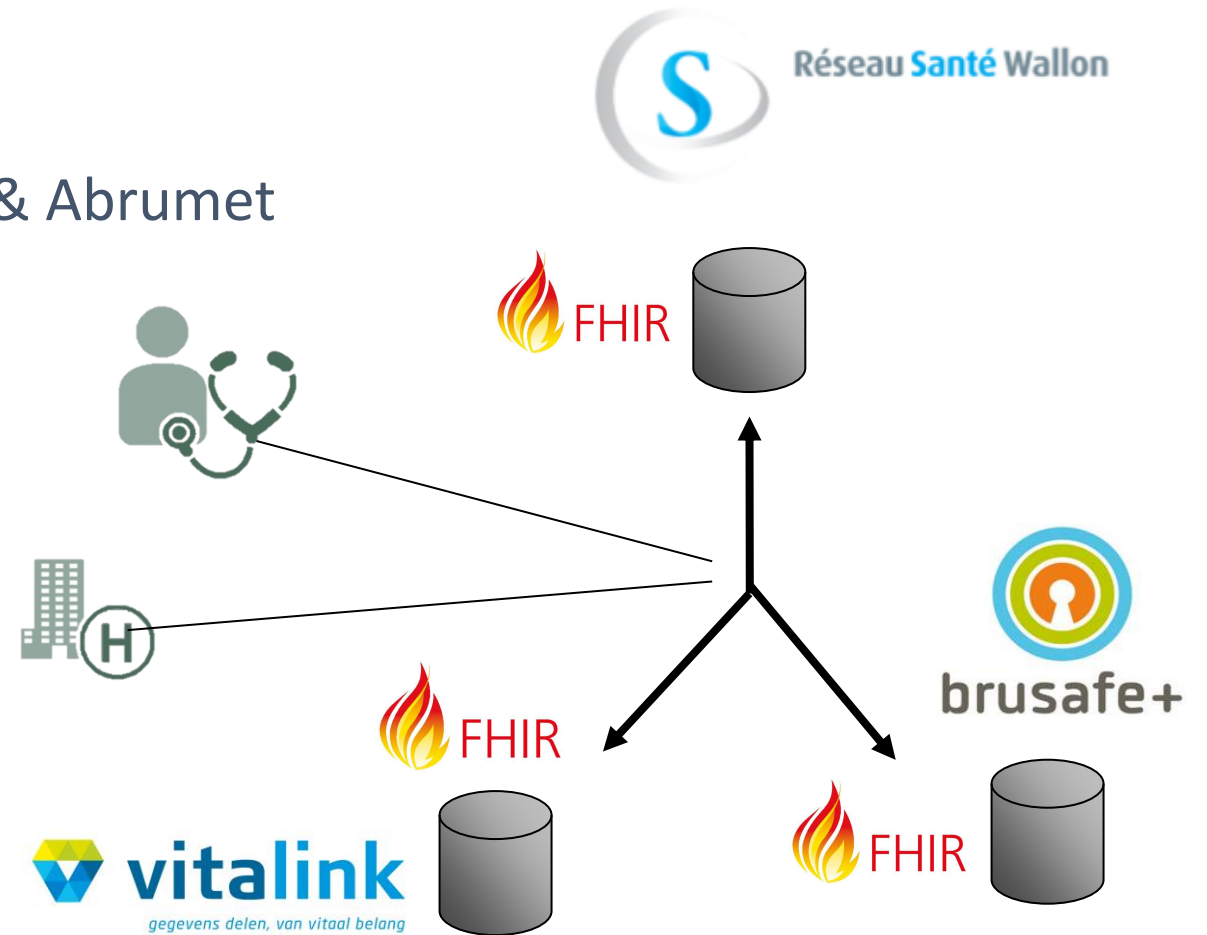
3. Pilot projects underway

1. Allergy POC
2. Manzana



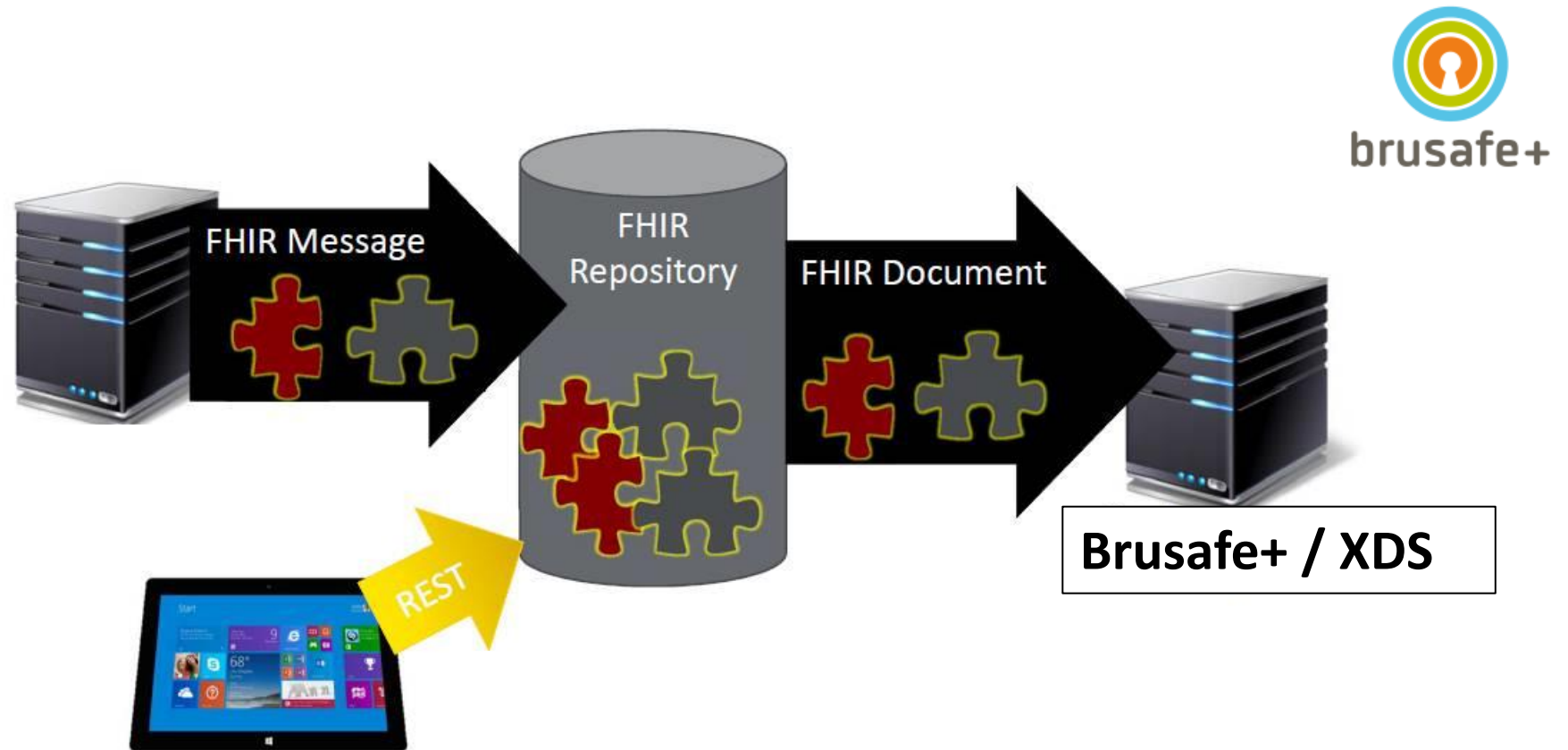
Allergy POC

1. EHR and EMR exchanges
2. Commun cookbook : RSW, Vitalink & Abrumet
3. In production summer 2021
4. Next POC Vaccination ?

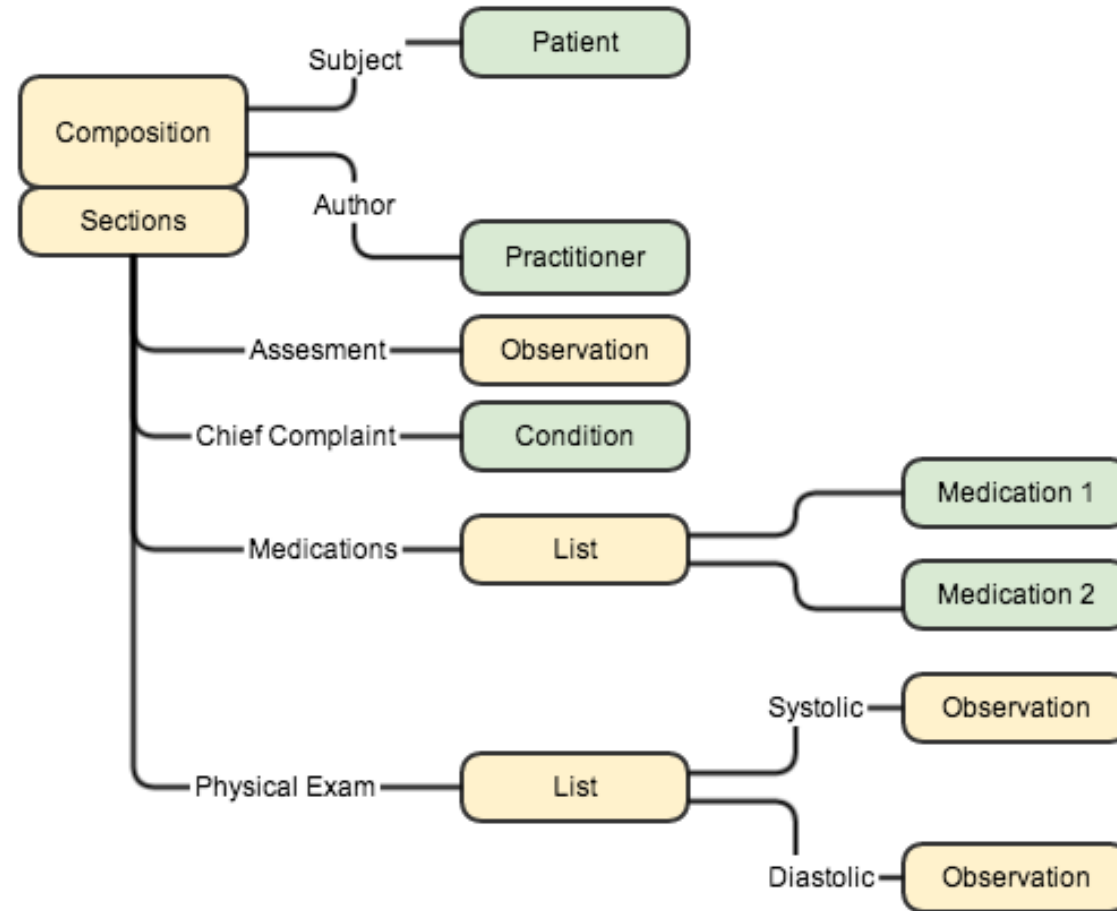


4. Evolution in the future to allow the exchange of structured data by multidisciplinary care providers and then, in the medium term, by compatible FHIR hospitals

Workflow FHIR → XDS



FHIR documents



Link with hospital's FHIR-compatible

