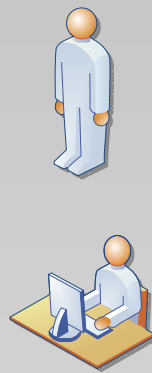


USE CASE: Exchanging Structured Clinical Data

Goals:

The ability to capture and exchange structured clinical data in a standardized format



Patient presents at a Provider organization

Patient is identified, registered and standardized data is documented in an appropriate EHR

Captured data is transmitted to appropriate 3rd party and/or regulatory agency

3rd Party receives and accepts the data

Acknowledgement is sent back to sending System



This use case recognizes the need to exchange data in a readable, structured, and standardized format utilizing controlled terminology. The need for defined data/terms for consistency between end users and ensuring mapping of localized data where applicable while leveraging core systems of SNOMED CT, ICD-10, LOINC, and RxNorm. It must ensure privacy and security standards, reduce data fragmentation and improve patient safety, efficiency, and interoperability.