USE CASE 3 -
Reporting Clinical Results to a Regulatory Agency

Description of Use Case:
This use case describes the situation where a health information system collects and stores data on care provided, measures performance against standards or guidelines, and reports performance results to a regulatory agency (e.g., the Centers for Medicare & Medicaid Services). Goals: • Provide relevant data to improve the quality of care • Successful electronic transfer of structured data • Data is validated by recipient

Identify the Actor(s) Involved: Who is sending and/or receiving this information?
Identify people or things outside the system that act on the system (primary) or are acted on by the system (secondary). Primary actors invoke the use case and benefit from successfully completing it. Actors can be people, systems, objects, etc. Briefly describe the role of each actor. Provide a description of both. Primary Actors: • Healthcare Providers • Evaluating organization • Pharmacies • Information Systems • Communication mechanism • Responsible parties validating successful transmission and receipt

Use Case Specifics
Preconditions/triggers: • Required data is available and stored in a structured format • Standard required by the receiving organization • Data is sent on a pre-determined schedule or ad-hoc • Chain of trust has been established for the protected flow of the data **Basic flow** • Agency or provider determines a need to provide clinical data • Confirmation that data has been collected in the appropriate format • Sending and receiving organizations confirm the ability to exchange data • Data is sent • Acknowledgement from receiving organization

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Alternate flow
- Data is not available
- Requester is not authorized to get the data
- Data received must be reformatted

Are there post conditions that will be true about the system after the use case has been accomplished? List them.

- Acknowledgement of successful transmission

Key Resources Recommended:

- Set of resources that must be made available and/or configured to execute the use case. Data, services, systems, etc.

1. Health system clinical application
2. Business and legal agreements
3. IT System and connectivity
4. Technical experts to monitor a successful transaction or correct errors