

Discharge Information Use Case

Version	Approval Date	Author
1.0	October 2, 2014	Rakesh Mathew

1. Purpose

There is significant inconsistency in the timing and content of the discharge information that is sent to primary care providers (PCPs) from hospitals. The lack of uniformity in the information hinders quality and transitions of care between treatment settings. To address this concern the Centers for Medicare & Medicaid Services (CMS) through Meaningful Use requires that hospital discharge notifications improve and support a pivotal role in transitions and coordination of care. Many Health Information Exchanges (HIE) are using real time hospital discharge alert notifications that route healthcare information from hospitals to PCPs as a Continuity of Care Document (CCD) through Direct Secure Messaging (DSM). This information exchange enhances follow up care and improves clinical communications. If successful, hospital discharge information exchange sets a platform for seamless patient care and poses significant cost savings benefits for hospitals, providers, and most importantly the patient.

2. Scope

Healthshare Exchange of Southeastern PA (HSX) offers the services to PCP and Health Plan Care Coordinators and will look to cover at least 62% of patient population in the region. The following are stakeholders for the service: hospitals, physicians, payers, care team, and local and state health departments.

3. Policy

The use case features the PCP being sent an alert notification using relevant patient discharge information. Unique routing features offered by the HIE include:

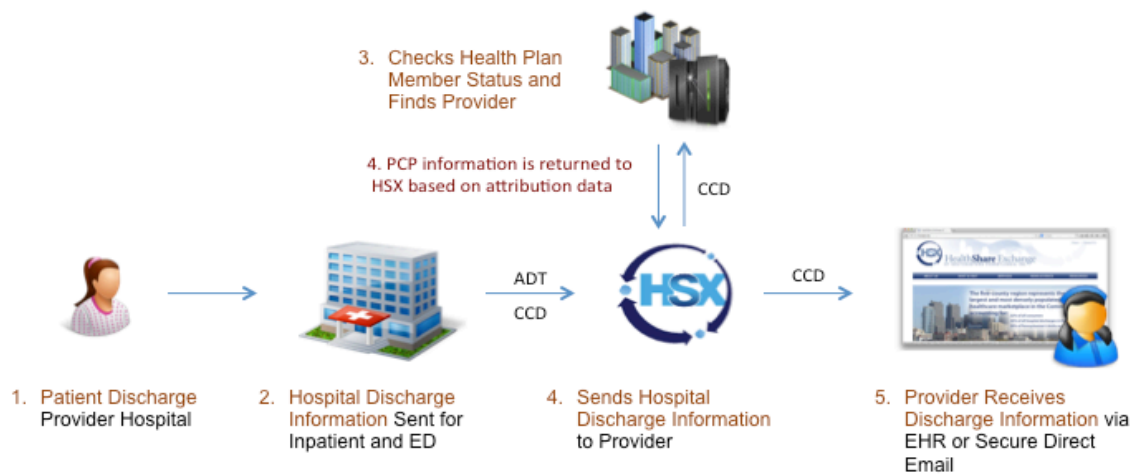
- **Direct Secure Messaging:** Hospital Electronic Health Records System (EHR) generates the discharge information CCD which is attached to a Direct Secure message and sent to the recipient's direct address.
- **Automated Directory Search:** If the direct address of the recipient is unknown the facility can query the HISP provider directory via name or NPI to retrieve the direct address.

- Automated Care Team Finder (ACTF) If the PCP and other care team members are unknown delivertocareteam@direct.hsxsepa.org and the HIE will send the message to the recipient.

The specific components needed to provide this capability include:

- Admit Discharge Transfer (ADT) HL7 data feeds from hospitals
- CCD standards based machine readable or human readable PDF format
- Transport of health information that satisfies HIPAA privacy and security requirements, and Health Information Technology for Economic and Clinical Health Act (HITECH).

Discharge Information Use Case Diagram



Discharge Information contained within a CCD

The following healthcare information will be available.

Required Data Elements	Optional Data Elements
<ul style="list-style-type: none"> • Patient Name • Date of Birth • Discharge Date • Admission Diagnosis • Discharge Diagnosis • Procedures • Attending Physician • Lab Results • Tests for follow up • Discharge Medication List • Results and Findings • Discharge Plan of Care 	<ul style="list-style-type: none"> • Problem List • Resolved Hospital Problems • Past Medical History • Summary of Hospital Course • Weight and Vital Signs

4. Procedures

N/A

5. Enforcement

This policy is consistent with the Meaningful Use (MU) stage 1 and stage 2 requirements per HITECH.

6. Definitions

Participants: are defined as healthcare entities that have an agreement with HSX including primary care providers, specialists and outpatient practices, Accountable Care Organizations, Patient Centered Medical Homes and care coordinators and care managers for payers.