



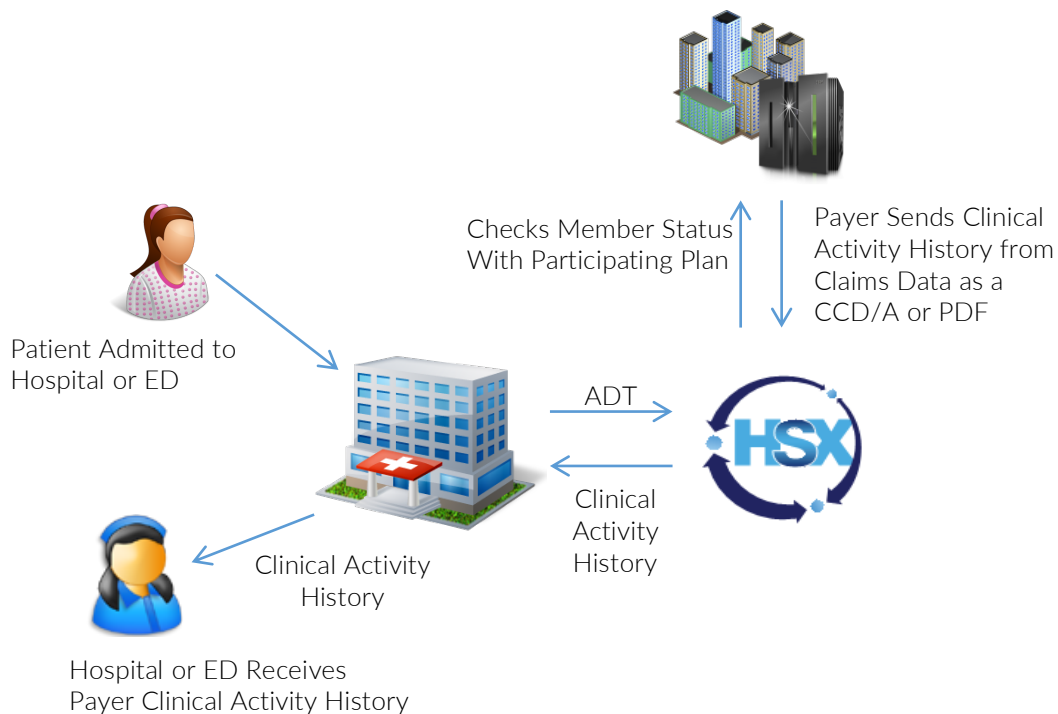
Clinical Activity History Overview

What is the Clinical Activity History (CAH) Service?

The HealthShare Exchange of Southeastern Pennsylvania (HSX) Clinical Activity History (CAH) Service was developed to enhance the clinical history gathering process for providers and patients. CAH is designed to provide healthcare providers with a summary of encounters that a patient has had based on payer claims data. Currently, the service is being deployed in Emergency Department settings, but other scenarios for the expanded use of such service are being explored.

How does a provider access a patient's CAH?

In a hospital emergency department, the service is initiated by a push notification when a hospital sends registration and admission information real-time to HSX. Upon receipt of the registration information, HSX polls the payer tied to the patient's insurance for a CAH. The payer produces the CAH, and HSX packages the CAH and sends the report as an attachment to a provider via Direct Secure Messaging.



Secure Messaging Using Direct

Secure messaging using Direct Protocol is at the basis of all CAH exchanges. Direct addresses are similar to email addresses but it is secure and was designed to exchange patient health information. To utilize secure messaging, the involved participants must be using certified, Direct-enabled EMR/EHR technologies. All such technologies are certified and provide all necessary levels of regulatory and HIPAA security protection.

Elements of the CAH Report

The Clinical Activity History document includes summary activity information a payer has on a patient. Here is a sample of the contents:

- Patient Demographics
- Patient's Primary Care Physician
- Rx-Detailed Drug List (past 6 months)
- ED visits (in past year)
- Disease Conditions (past two years)
- Primary and Outpatient Procedures (past two years)
- Office Visits and Specialists Seen (past two years)
- Diagnostic Imaging (past two years)
- Inpatient Admissions (past four years)
- Immunizations (past four years)
- Lab Results
- Alerts by Condition

Potential Value of CAH in the Emergency Department

The Clinical Activity History has the potential of lessening some of the challenges to care coordination within the Emergency Department. The information provided in these reports can assist providers with identifying:

- A more comprehensive medical history on a patient who is not a good historian and may utilize multiple hospitals and providers for care.
- Previous tests performed and results that the patient is unable to recall at time of encounter.
- Current lists of prescribed medications: This information is helpful in preventing potential drug interactions and identifying patients that may be seeking prescriptions for controlled substances.
- High utilizers of emergency-based care.

Access to such information will likely result in better, targeted treatment. This improved quality of information can have a positive impact on outcomes through a reduction in duplicate or unnecessary admissions, tests, medications and therapies.