

HIMSS11 Interoperability Showcase™

Use Case #3 Sharing Emergency Encounter Results

Meaningful Use Objective: Care Coordination

ARRA/Hi TECH Relevance: Coordination of care as evidenced by the movement of patient data and images from an emergency encounter across multiple care provider systems. Provide summary care record with results for each transition of care and any new referrals needed.

Demonstration Focus: The demonstration will use the IHE Cross-enterprise Document Sharing profile for exchange of an medical imaging between Emergency Department Systems with EMR and PHR.

High level/main characters: A patient arriving in the emergency room requiring medical imaging. The image was later reviewed by the patient’s care provider within their own EMR as well as by the patient within their PHR.

Use Case primary goal: To demonstrate the ability to share emergency encounter results and images with an acute EMR and PHR across multiple care provider systems.

Key points

- ED receives results from Imaging Dept and concludes that patient may be discharged
- All clinical information from ED encounter and imaging information shared with PCP, HIE and DIRECT HISP (Health Information Service Provider)
- PCP is able to see the results of the emergency encounter
- PCP updates the patient’s PHR with the results of all encounters and results

Clinical Workflow Detail:

Janet arrived at her Mom’s (Sandy) home after work to see how her Mom was feeling. Sandy (70y/o) was sitting down with a look of pain on her face holding the wrist on her right hand. Janet took her to the ED for x-rays. Sandy was treated and released to her home with a follow-up visit to her Primary Care Provider. Janet had been previously named power of healthcare attorney and a living will was listed in the PHR and EHR.

Meaningful Use: Care Coordination
 Description: This use case features a patient arriving in the emergency room that required medical imaging. The image was later reviewed by the patient’s care provider within their own EMR as well as by the patient within their PHR. The scenario demonstrates ability to share patient information across multiple care provider systems. And using both HIE services and point-to-point HISP services to complete the healthcare info exchanges.

