

## Interoperability Scenarios

### Care Theme: Care Coordination

#### Act 7 - Dermatology Referral with Pathology Report and Primary Care Physician (PCP) Follow-up

**Scenario Primary Goal:** To demonstrate the ability for providers to refer patients to a specialist and then allow all care givers to have access to encounter summaries and associated lab reports. Uses IHE Profiles for Coordination of Care to show how patients can be referred to dermatologist from patient's PCP with the review of dermatology result of possible skin cancer

#### Key Points

- This scenario features a patient being referred from their PCP or Outpatient Clinic to a dermatologist to investigate a suspicious growth on the patient's chin. A digital picture of the growth is taken. A biopsy is performed and sent to the lab for analysis. The pathology report is viewed via a lab reporting portal
- Primary Care Referral to Specialist
- Pathology Report viewing by both EHR-ready and non-EHR-ready PCP

#### Meaningful Use Relevance

**MU Objective 2: Improving Care Coordination.**

**MU Objective 3: Engaging Patients and Families in Their Healthcare.**

#### Clinical Workflow:

For the past two months, a 60 year old male construction worker experienced a lesion on his chin that began as a small reddish nodule. As the lesion grew, he was strongly encouraged by his family to make an appointment with his PCP or outpatient clinic. He did not have a PCP and chose to go to the outpatient clinic. At the outpatient clinic, a digital picture of the lesion is taken in situ, followed by a biopsy. After reviewing the pathology report, the PCP refers the patient to a dermatologist. The dermatologist decides the lesion is small enough to allow for the removal of the complete lesion in her office. Patient is requested to visit the PCP for a follow-up visit.

Care Scenario Steps	Care Setting From	Care Setting To	IHE Profiles	Title	HITSP Constructs	Title
<p><b>7-1 Primary Care Referral is performed</b> Variant A has the PCP office complete the referral.</p> <p>Variant B has an Outpatient Clinic complete the referral.</p>	PCP Office / Outpatient Clinic	Dermatologist Office	XDS-MS (PCC)	Cross-Enterprise Sharing of Medical Summaries (Referral)	HITSP/CAP119 - HITSP/C48	Communicate Structured Document Encounter Document Using IHE Medical Summary (XDS-MS)
<p><b>7-2 Dermatologist takes biopsy of skin lesion.</b> Sends out for pathology report. Lab result returned and viewed. Shares the encounter summary with PCP</p>	Dermatologist Office	PCP Office				
(7-2 Variant a)			XDS-MS (PCC)	Cross-Enterprise Sharing of Medical Summaries (Encounter summary)	HITSP/CAP119 HITSP/C48	Communicate Structured Document Encounter Document Using IHE Medical Summary (XDS-MS)
7-2 (Variant b)			XDS-SD (PCC)	Scanned document of Encounter summary	HITSP/CAP120 HITSP/C62	Communicate Unstructured Document Unstructured Document
<p><b>7-1 PCP views pathology report.</b> Report is viewed via lab report portal and dermatologist report via document exchange or scanned image of encounter report.</p> <p>Variant B, the PCP has paper charts still but has contracted for lab result viewing via a service.</p>	PCP Office	[Lab result viewed via Lab Report portal]			HITSP/T18	View Laboratory Results from a Web Application
7-3 (Variant A)			XDS-MS (PCC)	Cross-Enterprise Sharing of Medical Summaries (Encounter summary)	HITSP/CAP119 - HITSP/C48	Communicate Structured Document Encounter Document Using IHE Medical Summary (XDS-MS)
7-3 (Variant B)			XDS-SD (PCC)	Scanned document of Encounter summary	HITSP/CAP120 HITSP/C62	Communicate Unstructured Document Unstructured Document

<b>Health Information Exchange (HIE) Core Services</b>			
IHE Profiles		HITSP Service Collaborations / Constructs	
XCA XDS/XDR/XDM	Cross-community and Cross-enterprise Document Sharing	SC112 / TP13, T31, T33	Healthcare Document Management Manage Transfer of Documents, Document Reliable Interchange, Transfer of Documents on Media
PIX	Patient Identity Cross-reference	SC112 / TP22	Patient ID Cross-Referencing
PDQ	Patient Demographics Query	SC112 / T23	Patient Demographics Query
ATNA	Audit Trail and Node Authentication	SC112 / T15, T17	Collect and Communicate Security Audit Trail  Secured Communication Channel
CT	Consistent Time	SC112 / T16	Consistent Time