

HIMSS11 Interoperability Showcase™- Orlando-February 2011

HIMSS11 Interoperability Showcase Use Case Index-v22

Last Update Date: January 3, 2011

Description: This document is the master index of proposed use cases to be demonstrated at HIMSS11 Interoperability Showcase in Orlando, FL. This document is a working version and is subject to change.

How this document will be used: Vendors and supporting organizations are asked to review the proposed use cases and on the Showcase application for admission identify their top three choices for participation in the connected demonstration. The Showcase registration application will open on August 16 and run through October 8, 2010. Please note that this version is a working early draft and is subject to change. Please direct all questions to interoperabilityshowcase@himss.org.

A	B	C	D											E		F	G			
			<u>Care Setting Categories**</u> R = Required IHE Actor O = Optional IHE Actor											Care Setting – Actor Pairing Requirements			Click on links below to see descriptions of the ONC References			
Use Case #	MU Reference	Use Case Title*	A	B	C	D	E	F	G	H	I	J	K	<u>Care Setting /Service</u>	<u>Actor / Role ***</u>	IHE Content References	<u>ONC: HITSP / NHIN Exch References</u>	<u>ONC: NHIN Direct Story References</u>		
1	Care Coordination <i>System Simulation</i>	Baby Delivery Coordination <i>2010 Connected Demo</i>		R									R		O	OB-Gyn L&D Dept Hosp Adm	22, 21 21, 22 21, 22	APR, LDR, XDS-MS		2, 4
2	Care Coordination <i>System Simulation</i>	Improving Emergency Care Efficiency <i>2010 Connected Demo</i>		R									R		O	PCP ED Hosp Imag	22, 21 21, 22, 68 85 84, 67, 69	EDR, XDS-I, SWF [Rad], EDES		2
3	Care Coordination <i>System Simulation</i>	Sharing Emergency Encounter Results <i>2010 Connected Demo</i>		R									R	R	O	ED Hosp Imag PCP Home/PHR Srv	22 67, 69 21, 22, 68 21	EDES, XDS-I, XPHR		4, 7
4	Care Coordination <i>System Simulation</i>	Improving Endocrinology Referrals <i>2010 Connected Demo</i>		R									R		O	Home/PHR Srv PCP Specialist	22 21, 22 21	XPHR, XDS-MS	C32, C48	1, 3

5	Engaging Patients & Family <i>System Simulation</i>	Remote Monitoring for Hypertension Care <i>2010 Connected Demo</i>		R				R				R	Home RMMS PCP Pharm	30, 21 28, 22 21, 22, H8 H9	DEC, LSWF XPHR	C74, T73 CAP117 TP43			
6	Engaging Patients & Family <i>Development / New Directions</i>	Hypertension Care with Patient Engagement <i>2010 Connected Demo</i>		R								R	O	Home PHR Srv PCP	21 22	XPHR	C32		
7	Care Coordination <i>System Simulation</i>	Dermatology Referral with Pathology Report <i>2010 Connected Demo</i>		R				R					R	PCP Specialist Lab	22, 21 21, 85, 22 84, 22	XDS-MS, LSWF, Xd- Lab (XDS- SD)	CAP119 C48 CAP120 C62 T18	1, 3, 5	
8	Care Coordination <i>Live Demo; Invitation only</i>	Enhancing Wounded Warrior Care (Virtual Lifetime Electronic Record) <i>Scenario from FHA in 2010</i>		O								R	R	R	MHS Hosp PHR Serv Priv Hosp	22 21, 22 21	XPHR	C32	8, 10
9	Improving Quality, Safety, Efficiency & Health Disparities <i>Live Demo; Invitation only</i>	Processing SSA Claims including Authorized Release of Info <i>Scenario from FHA in 2010</i>		R								O	R	R	HIE/NHIN PCP SSA	21, 22 22, 21	XPHR, XDS- SD	C32, C62	
	Improving Quality, Safety, Efficiency & Health Disparities <i>Under Review Merged with UC 29</i>	Automated Health Plan Eligibility Verification <i>2010 Connected Demo</i>		R								R	O	R	PCP Health Plan			T40, T85	
11	Improving Quality, Safety, Efficiency & Health Disparities <i>System Simulation</i>	Device Connectivity Highlighting Alarm Communication Management [Wall 1] <i>2010 Connected Demo</i>											R		Hosp ED Hosp OR Hosp ICU	28, 30 28, 30 28, 30, 73, 74	DEC, ACM		

12	Improving Quality, Safety, Efficiency & Health Disparities <i>System Simulation</i>	Device Connectivity Highlighting Mother and Baby Care [Wall 2] <i>2010 Connected Demo</i>									R			Hosp Nursery Hosp OR Hosp Med/Surg	66 65 65, 28 28, 29, 30, 73, 74, 22 66, 65, 73, 74, 28, 30	DEC, EHDI		
13	Improving Quality, Safety, Efficiency & Health Disparities <i>System Simulation</i>	Device Connectivity Highlighting Infusion Pump Management [Wall 3] <i>2010 Connected Demo</i>									R			Hosp OR Hosp ICU Hosp Med/Surg	7, 8, 9 73, 74 66, 65	DEC, PIV, WCM		
14	Improving Quality, Safety, Efficiency & Health Disparities <i>Under Review</i>	Device Connectivity Landscape (TN905) [Wall 4] <i>2010 Connected Demo</i>		R							R	R	R	Hosp L&D Hosp OR Hosp Med/Surg Hosp NICU	65, 28 28, 29,30, 73, 74, 22 66, 65, 73, 74, 28, 30 7, 8, 9, 65, 66	DEC, ACM, PIV, WCM		
15	Improving Population & Public Health <i>System Simulation</i>	Adverse Event Reporting <i>Scenario from FHA in 2010</i>									R	R	R	Hosp CDC Publ Hlth Srvc	53 55 52, 54	RFD	TP50	16
16	Improving Population & Public Health <i>System Simulation</i>	Physician Cancer Registry Updating & Utilization <i>2010 Connected Demo</i>		R							O	R	R	PCP State Publ Hlth CDC	53, 141 52, 54, 142 55	RFD, SVS, DSC, DSUB, PRPH-Ca	CAP135 TP50 C76 CAP122 T66 T24 C87	15
17	Improving Population & Public Health <i>Development</i>	Biosurveillance Monitoring and Detection – ILI <i>Scenario from FHA in 2010</i>		R			R					R	R	PCP Public Lab Local Publ Hlth State Publ Hlth CDC	22, 21 21 21, 37, 33, 35 37, 39, 32 34	XDS-MS. XD-Lab, DSUB, MPQ	CAP119 C32 CAP127 C37 HIEM (NHIN)	16

18	Improving Population & Public Health <i>System Simulation</i>	Immunization Registry Updating & Utilization <i>2010 Connected Demo</i>		R											R	R	Home/PHR Serv PCP HIE/NHIN State Publ Hlth	21, 22 21, 22 21 22	IC	CAP119 C78 CAP131 C72	12
19	Improving Population & Public Health <i>System Simulation</i>	Lab Cancer Registry Updating & Utilization <i>New Scenario for 2011 [update from 2010 FHA demo]</i>						R							R	R	Publ Lab State Cancer Reg CDC	123, 35, 53 123, 35, 53 33, 34, 122, 141	ARPH, SVS	CAP135 TP50 C76 CAP122 T66 T24 C87	15
20	Improving Population & Public Health <i>Under Review</i>	Early Hearing Screening and Guidance for Newborns <i>New Scenario for 2011</i>		R						O	R	R	R				Hosp L&D Hosp Nursery Publ Hlth Agency Pediatrician Home/PHR Serv	22 30 21, 22, 28, 78 21, 22, 77 21, 77	EHDI, DEC, XPHR		
21	Security & Privacy <i>System Simulation</i>	Patient Privacy Protection with Emergency Response Events <i>2010 Connected Demo</i>		R						R					R		PCP HIE/NHIN PHR Serv Emer Disp Hosp ED	22, 41 143 22 144. 37 144, 37, 21	BPPC XPHR XUA	CAP143 TP30 TP20 C19 CAP119 C48 C32	9
22	Quality <i>System Simulation</i>	Newborn Hearing Screening Quality Monitoring <i>New Scenario for 2011</i>			R									R	R	R	Hosp L&D Public Health EHDI Qual Meas Res Qual Meas Proc Service Hosp Q/A Dept	22 21, 22 22 21, 22, Qlty Rpt Creator Qlty Rpt Consumer	LDR EHDI Qlty Report		

23	Quality <i>System Simulation</i>	Ambulatory Quality eMeasure Reporting – BMI <i>2010 Connected Demo</i>		R	R							R	PCP Qual Rptng Org Qual Meas EvalOrg	22, 53 21, 54, 55	XDS-MS RFD, MPQ,	CAP130 C106 T66 CAP129 C105 CAP119 C48 CAP135 TP50 HIEM (NHIN)	13, 14
24	Quality <i>System Simulation</i>	Hospital Quality eMeasure Reporting – ED Throughput and Stroke (CMS) <i>2010 Connected Demo</i>			R						R	R	Hosp Qual Rptng Org Qual Meas EvalOrg	22, 53 21, 54, 55	XDS-MS RFD, MPQ	CAP130 C106 T66 CAP129 C105 CAP119 C48 CAP135 TP50 HIEM (NHIN)	13, 14
	Quality <i>Under Review</i> <i>NOT INCLUDED IN HIMSS11</i>	Ambulatory Quality eMeasure Reporting – ACE/ARB (AMA-PCPI) <i>2010 Connected Demo</i>		R	R							R	Qual Meas Res PCP Qual Rptng Org Qual Meas EvalOrg		QRD PEQD XDS-MS RFD, MPQ	CAP130 C106 T66 CAP129 C105 CAP119 C48 CAP135 TP50 HIEM (NHIN)	13, 14
26	Improving Population & Public Health <i>System Simulation</i>	Integrated Reporting for Clinical Research Participation <i>2010 Connected Demo</i>		R		R						O	Clin Rsrch Sponsor PCP	54, 55, 105 52, 53, 106, 107	RFD, CRD, RSP, RPE	CAP135 TP50 C151	
27	Improving Quality, Safety, Efficiency & Health Disparities, Care Coordination <i>Under Review</i>	Clinical Decision Support for Stroke Care <i>New Scenario for 2011</i>		R							R		PCP Hosp ED Hosp ICU Hosp Med Unit Rehab Facility	22 21,22 21,22 21,22 21	EDR, eNS, PPOC, XDS-MS		
28	Care Coordination <i>Under Review</i>	Informed Care at a Vacation Community <i>2010 Connected Demo</i>		R								R	PCP (Hme/Univ) PCP (Vac Comm) HIE/NHIN (w XCPD)	21, 22 21, 22	XCPD, XPHR, XDS-MS,	CAP119 C32 C48	

** Care Setting Category [R=Required, O=Optional]

#	Category
A	Adjunct Health Service
B	Ambulatory Practice
C	Clinical Quality Improvement Service
D	Clinical Research Service
E	Community HC Service
F	Extended Care Facility
G	Health Plan / PBM Service
H	Home / PHR Service
I	Hospital /Acute Care Facility
J	Gov Public Health Agency
K	Health Info Exchange / NHIN Service

*** Actor / Role

#	Actor / Role Title	IHE Profiles Where Used	HITSP Constructs Where Used
1	Acquisition Modality Importer	EYE-CHG	
2	Access Control Service		TP20
3	ADT Patient Registration	CATH, CHG, ECAS, ECHO, EYE-CHG, LSWF, EYE-CHG, LSWF, PIR, SEC, STRESS, SWF	
4	Alert Message Receiver		T63
5	Alert Message Transmitter		T63
6	Alarm Archiver	ACM	
7	Alarm Communicator	ACM	
8	Alarm Manager	ACM	
9	Alarm Reporter	ACM	
10	Automation Manager	LDA, LSWF, LTW	
11	Analyzer	LDA	
12	Appointment Requester	ECAS	
13	Appointment Scheduler	ECAS	
14	Archive (including RT)	MDW, REG, RTO	

15	Audit Record Repository	ATNA, SEC	T15
16	Client Authentication Agent	EUA	
17	Care Manager	CM, ICP, RCG	
18	Charge Processor	CHG, EYE-CHG, SEC	
19	Clinical Data Consumer	QED	TP21
20	Clinical Data Source	CM, QED	TP21
21	Content Consumer		
22	Content Creator		
23	Contourer		
24	Context Manager		
25	Code Set Consumer		
26	Code Set Master		
27	Decision Support Service		
28	Device Observation Consumer		
29	Device Observation Filter		
30	Device Observation Reporter		
31	Display		
32	Document Metadata Notification Broker		
33	Document Metadata Notification Recipient		
34	Document Metadata Publisher		
35	Document Metadata Subscriber		
36	DNS Server		
37	Document Consumer		
38	Document Recipient		
39	Document Registry		
40	Document Repository		
41	Document Source		
42	Dose Displayer		

43	Dose Information Consumer		
44	Dose Information Reporter		
45	Dose Register		
46	Dosimetric Planner		
47	Evidence Creator		
48	Integrated Document Source/Repository		
49	Enterprise Report Repository		
50	Export Manager		
51	Export Selector		
52	Form Archiver		
53	Form Filler		
54	Form Manager		
55	Form Receiver		
56	Geometric Planner		
57	Guideline Manager		
58	Generic HITSP Actor		
H1	HITSP Administrative Transport Client		
H2	HITSP Administrative Transport Server		
59	Eligibility Information Source		
60	Eligibility Information Receiver		
H3	HITSP Information Receiver for Health Plan Authorization		
H4	HITSP Information Source for Health Plan Authorization		
61	Laboratory Result Message		
H5	HITSP Laboratory Result Message Sender		
H6	HITSP Medication Formulary and Benefits Retriever		

H7	HITSP Medication Formulary and Benefits Source		
H8	HITSP Medication Order Filler		
H9	HITSP Medication Order Prescriber		
H10	HITSP Medication Status Dispenser		
H11	HITSP Medication Status Receiver		
H12	HITSP Pseudonymization Services		
H13	HITSP Service User		
62	Web Application		
63	HL7 Message Router		
64	Image Display		
65	Implantable Device - Cardiac - Consumer		
66	Implantable Device - Cardiac - Reporter		
67	Image Manager/Archive		
68	Imaging Document Consumer		
69	Imaging Document Source		
70	Importer		
71	Information Source		
72	Initiating Gateway		
73	Infusion Order Consumer		
74	Infusion Order Programmer		
75	Kerberos Authentication Server		
76	Kerberized Server		
77	Knowledge Requestor		
78	Knowledge Resource		

79	Label Broker		
80	Label Information Provider		
81	Acquisition Modality		
82	Notification Receiver		
83	Notification Sender		
84	Dept System Scheduler/Order Filler		
85	Order Placer		
86	Order Result Tracker		
87	Patient Context Participant		
88	Patient Identifier Cross-reference Consumer		
89	Patient Identity Source		
90	Patient Identity Cross-reference Manager		
91	Print Composer		
92	Patient Demographics Consumer		
93	Patient Demographics Supplier		
94	Positioning and Delivery System		
95	Patient Encounter Consumer		
96	Patient Encounter Supplier		
97	Portable Media Creator		
98	Portable Media Importer		
99	Portable Media Sender		
100	Point Of Care Data Manager		
101	Point Of Care Result Generator		
102	Post-Processing Manager		
103	Performed Procedure Step		

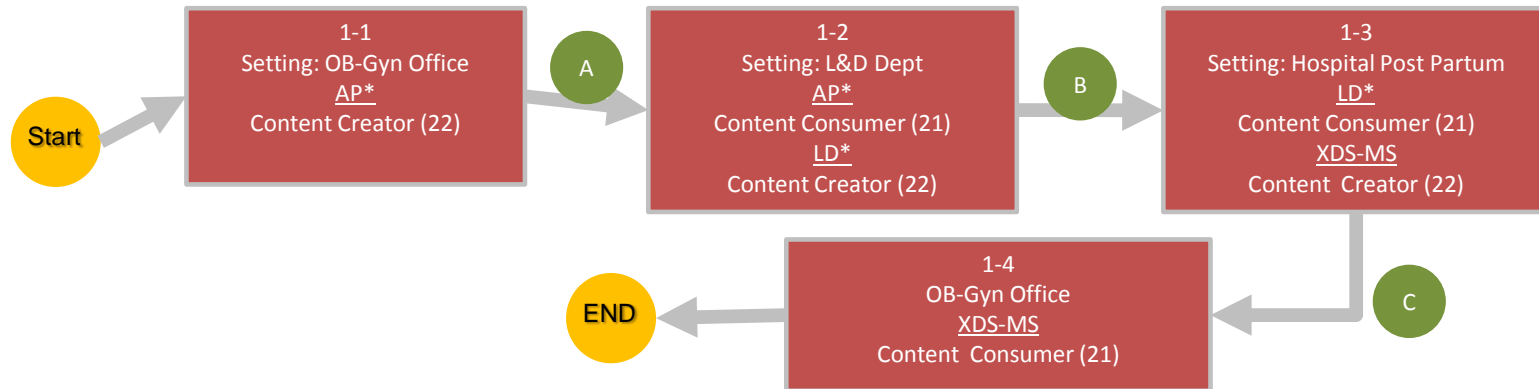
	Manager		
104	Pre/Post-processor		
105	Protocol Definition Manager		
106	Protocol Executor		
107	Protocol State Manager		
108	Print Server		
109	Personnel White Pages Consumer		
110	Personnel White Pages Directory		
111	Report Creator		
112	Receiver		
113	Referral Dispatcher		
114	Referral Requestor		
115	Registrar		
116	Registered Contourer		
117	Registered Display		
118	Registered Dose Display		
119	Requester		
120	Responding Gateway		
121	Report Manager		
122	Report Receiver		
123	Report Sender		
124	Report Reader		
125	Report Repository		
126	Secure Application		
127	Service Provider		
128	SMD Receiver		
129	SMD Receiver Intermediary		
130	SMD Sender		
131	SMD Sender Intermediary		

132	SMTP Aether		
133	Secure Node		
134	Secure Node Client		
135	Secure Node Server		
136	Treatment Delivery Device		
137	Time Client		
138	Treatment Management System		
139	Time Server		
140	User Context Participant		
141	Value Set Consumer		
142	Value Set Repository		
143	X-Service Provider		
144	X-Service User		
145	External Report Repository Access		
146	X-Identity Provider		

Use Case 1 – Baby Delivery Coordination- V1.0

Meaningful Use: Care Coordination

Description: This use case features a patient presenting at the hospital Labor & Delivery (L&D) dept for delivery of her baby and demonstrates the ability to provide efficient and accurate maternal health care and formally close the episode of care with the patient's obstetrician. The use case will also show the interoperability of patient data between the MD office and the hospital L&D department.

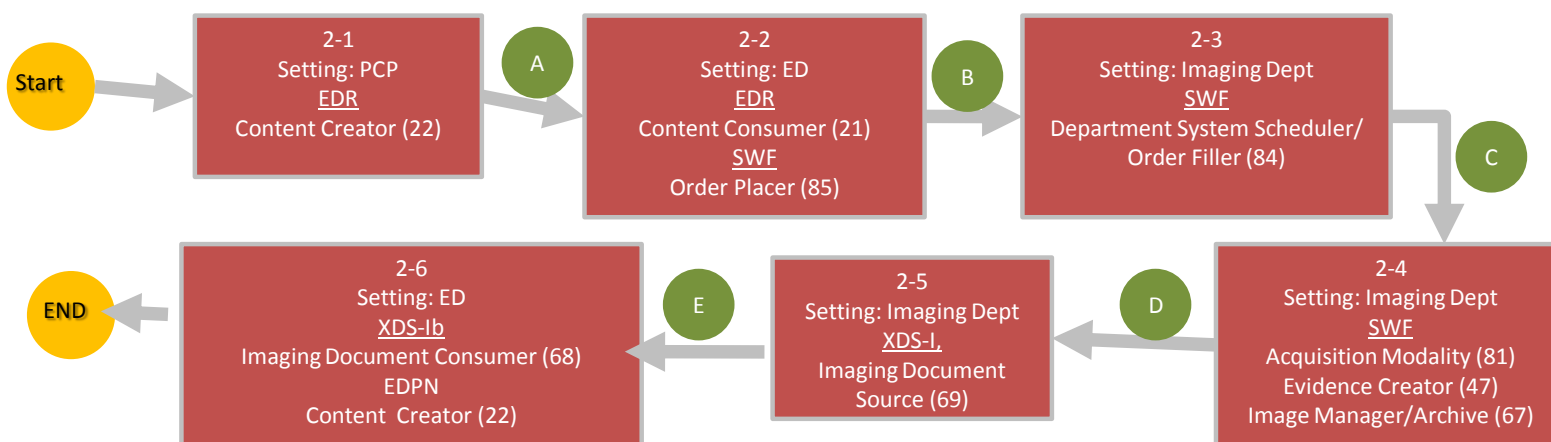


A	http://www.ihe.net/Technical_Framework/upload/IHE_PCC_Suppl_AntepartumProfiles_Rev1-1_TI_2010-08-30.pdf	APHP - Table W.7-1 Antepartum History and Physical Content Modules – Page 8	APS - Table X.7-1 Antepartum Summary Content Modules – page 12	APL - There are no content module mappings for Antepartum Laboratory as XD-LAB profile is referenced in full.	APE - Table Z.7-1 Antepartum Education Content Modules - page 17
B	http://www.ihe.net/Technical_Framework/upload/IHE_PCC_Suppl_LaborDeliveryProfiles_Rev1-1_TI_2010-08-30.pdf	LDHP - Table X.7-1 Labor and Delivery History and Physical Content Modules - page 9	LDS - Table Y.7-1 Labor and Delivery Summary Content Modules – page 13	MDS - Table Z.7-1 Maternal Discharge Summary Content Modules – page 18	
C	Use only Discharge Summary for XDS-MS in this Use Case.	XDS-MS (Discharge Summary) - 6.3.1.4 Discharge Summary Specification 1.3.6.1.4.1.19376.1.5.3.1.1.4, http://www.ihe.net/Technical_Framework/upload/IHE_PCC_TF_Rev6-0_Vol_2_2010-08-30.pdf page 47	CDA content module – Pregnancy Observation http://www.ihe.net/Technical_Framework/upload/IHE_PCC_TF_Rev6-0_Vol_2_2010-08-30.pdf - page 193	Additional content XDS-MS - http://www.ihe.net/Technical_Framework/upload/IHE_PCC_TF_Rev6-0_Vol_1_2010-08-30.pdf - page – page 24	Additional content XDS, XDM, XDR Document Entry Metadata http://www.ihe.net/Technical_Framework/upload/IHE_PCC_TF_Rev6-0_Vol_2_2010-08-30.pdf - page 22

Use Case 2 – Improving Emergency Care Efficiency

Meaningful Use: Care Coordination

Description: This use case features a patient arriving in the emergency department with symptoms requiring a cervical spine digital radiograph. Image is taken and is available for viewing by the patient’s physician in the ED who is able to see results from the imaging department including the images and the report. ED encounter summary and images are made available for viewing by the patient’s primary care physician.



A	http://www.ihe.net/Technical_Framework/upload/IHE_PCC_TF_Rev6-0_Vol_2_2010-08-30.pdf	Emergency Department Referral Specification 1.3.6.1.4.1.19376.1.5.3.1.1.10 – Page 63 Data Element Index	D	http://www.ihe.net/Technical_Framework/upload/ihe_tf_rev9-0ft_vol2_2008-06-26.pdf	Image Stored – section 4.8.4.1 - page 93 In step 2-4, the Imaging Dept performs various steps to acquire the image. The last step is storing the image for step 2-5 to query and document on repository. Refer to the SWF sequence.
B	http://www.ihe.net/Technical_Framework/upload/ihe_tf_rev9-0ft_vol2_2008-06-26.pdf	Order Management section 4.2.41 page 29 (Order Placer)	E	http://www.ihe.net/Technical_Framework/upload/ihe_tf_rev9-0ft_vol1_2008-06-27.pdf - SWF – page 41	Creator Procedure Step Completed, section 4.21– page 180 Retrieve Image – section 4.16.4.1 page 142
C	http://www.ihe.net/Technical_Framework/upload/ihe_tf_rev9-0ft_vol2_2008-06-26.pdf	Filler Order Management 4.3.4.1 page 39 (Order Filler)			

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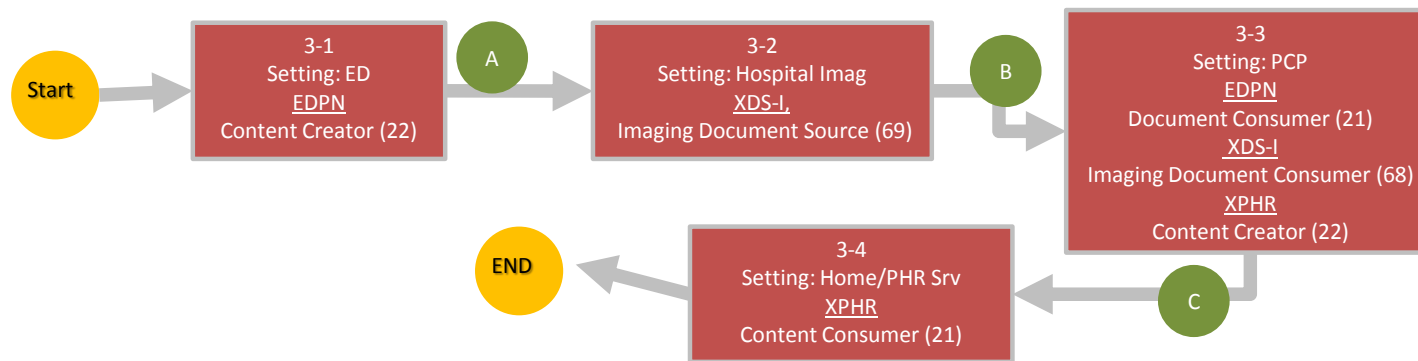
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Use Case 3 – Sharing Emergency Encounter Results

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.

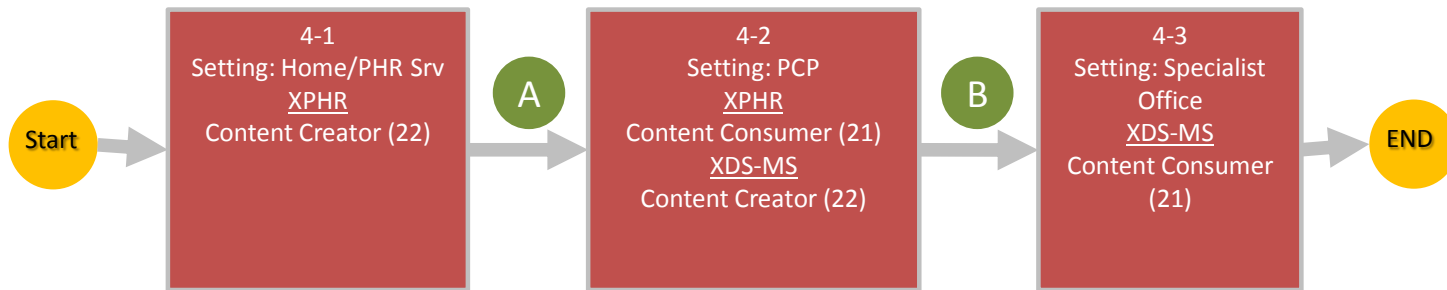


A	http://www.ihe.net/Technical_Framework/upload/IHE_PCC_EDES_Supplement_TI_-2009-08-10.pdf	ED Physician Note (EDPN) Content Profile page 21
B	http://www.ihe.net/Technical_Framework/upload/ihe_tf_rev9-0ft_vol2_2008-06-26.pdf	Creator Procedure Step Completed, section 4.21– page 180 Retrieve Image – section 4.16.4.1 page 142
C	http://www.ihe.net/Technical_Framework/upload/IHE_PCC_TF_Rev6-0_Vol_1_2010-08-30.pdf	XPHR Content Integration Profile – page 29 http://wiki.ihe.net/index.php?title=1.3.6.1.4.1.19376.1.5.3.1.1.5

Use Case 4 – Improving Endocrinology Referrals

Meaningful Use: Care Coordination

Description: This use case features a patient being referred from their PCP or Outpatient Clinic to an Endocrinologist to investigate an enlarged Thyroid gland. The scenario also demonstrates the ability to share patient information across multiple care provider systems and then provide the information from the care event to the patient.

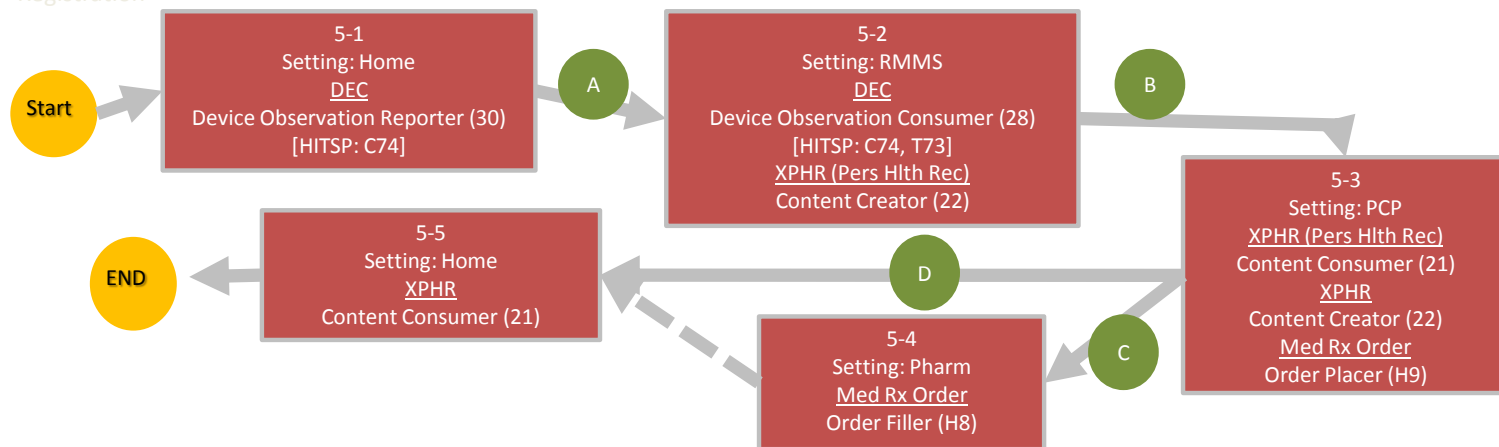


A	http://www.ihe.net/Technical_Framework/upload/IHE_PCC_TF_Rev6-0_Vol_1_2010-08-30.pdf	XPHR Content Integration Profile – page 29 http://wiki.ihe.net/index.php?title=1.3.6.1.4.1.19376.1.5.3.1.1.5			
B	Use only Discharge Summary for XDS-MS in this Use Case.	XDS-MS (Discharge Summary) - 6.3.1.4 Discharge Summary Specification 1.3.6.1.4.1.19376.1.5.3.1.1.4, http://www.ihe.net/Technical_Framework/upload/IHE_PCC_TF_Rev6-0_Vol_2_2010-08-30.pdf page 47	CDA content module – Pregnancy Observation http://www.ihe.net/Technical_Framework/upload/IHE_PCC_TF_Rev6-0_Vol_2_2010-08-30.pdf - page 193	Additional content XDS-MS - http://www.ihe.net/Technical_Framework/upload/IHE_PCC_TF_Rev6-0_Vol_1_2010-08-30.pdf - page – page 24	Additional content XDS, XDM, XDR Document Entry Metadata http://www.ihe.net/Technical_Framework/upload/IHE_PCC_TF_Rev6-0_Vol_2_2010-08-30.pdf - page 22

Use Case 5 – Remote Monitoring for Hypertension Care

Meaningful Use: Engaging Patients & Family

Description: This use case features a remote monitoring device providing patient updates to their PCP. The PCP uses their EMR to prescribe medications for the patient to pick up at pharmacy as well as referenced within the patient's PHR. The scenario demonstrates the ability for providers to proactively and efficiently manage a patient's well being through the use of home care devices and electronic medication prescribing.



A	http://www.ihe.net/Technical_Framework/upload/IHE_PCD_TF_Rev1-2_Vol1_TI_2010-09-30.pdf	Device Enterprise Communication (DEC) – section 2.2.1 page 18. Specific content is not documented on specs, may need to workout between vendors partners	http://wiki.ihe.net/index.php?title=PCD_Profile_DEC_Overview	C	Med Rx Order	IHE Whitepaper with content information ftp://ftp.ihe.net/pharmacy/White%20Paper/ http://wiki.ihe.net/index.php?title=1.3.6.1.4.1.19376.1.5.3.1.4.7
B	http://www.ihe.net/Technical_Framework/upload/IHE_PCC_TF_Rev6-0_Vol_1_2010-08-30.pdf	XPHR Content Integration Profile – page 29 http://wiki.ihe.net/index.php?title=1.3.6.1.4.1.19376.1.5.3.1.1.5		D	http://www.ihe.net/Technical_Framework/upload/IHE_PCC_TF_Rev6-0_Vol_1_2010-08-30.pdf	XPHR Content Integration Profile – page 29 http://wiki.ihe.net/index.php?title=1.3.6.1.4.1.19376.1.5.3.1.1.5

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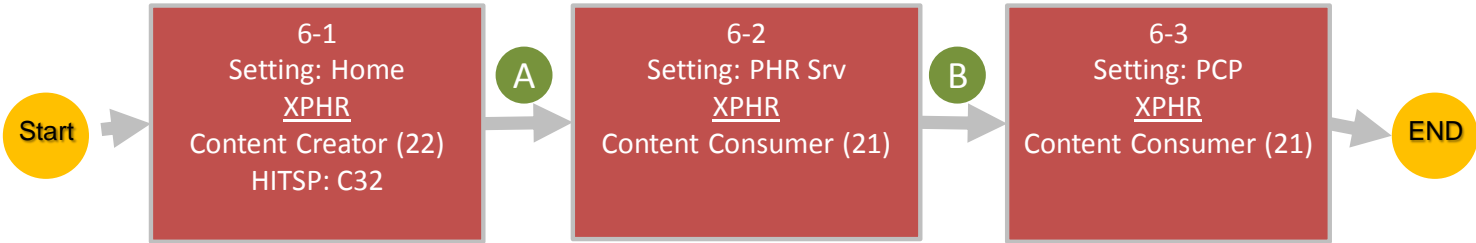
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Use Case 6 – Hypertension Care with Patient Engagement

Meaningful Use: Engaging Patients & Family
Description: This use case features a remote monitoring device that provides updates to the patient’s PHR for self-management of a chronic condition, the patient then shares this information with their PCP at their office. The scenario also demonstrates the ability for providers and patient to share information electronically between EMR and PHR.

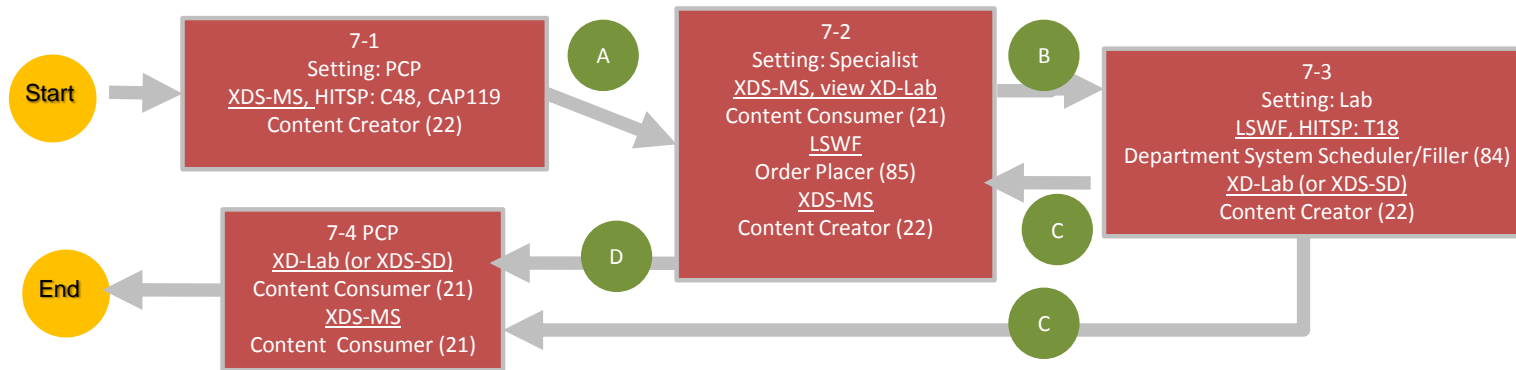


A	http://www.ihe.net/Technical_Framework/upload/IHE_PCC_TF_R ev6-0_Vol_1_2010-08-30.pdf	XPHR Content Integration Profile – page 29 http://wiki.ihe.net/index.php?title=1.3.6.1.4.1.19376.1.5.3.1.1.5
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Use Case 7 – Dermatology Referral with Pathology Report

Meaningful Use: Care Coordination

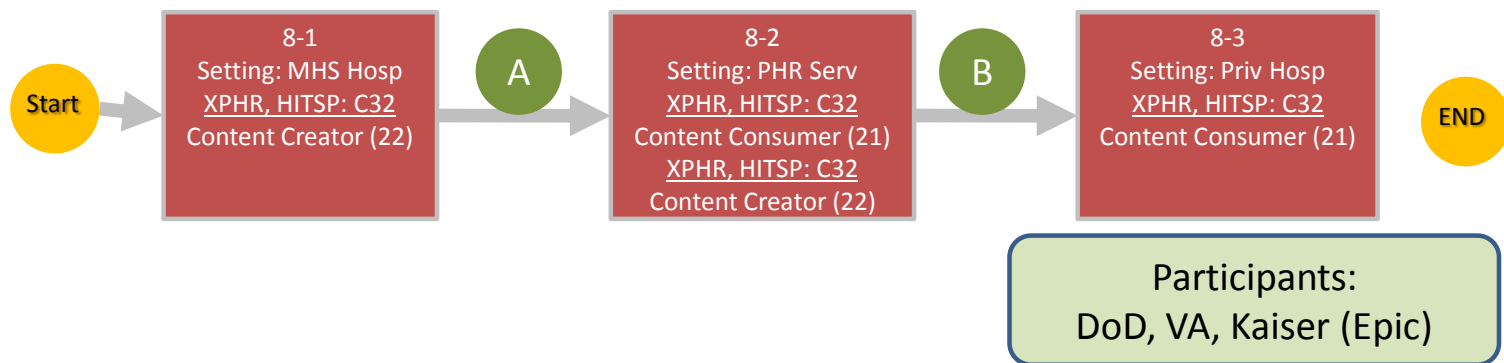
Description: This use case features a patient being referred from their PCP or Outpatient Clinic to a Dermatologist to investigate a suspicious growth on the patient’s shoulder. The scenario also demonstrates the ability for providers to refer patients to a specialist and then have all care givers have access to encounter summaries and associated lab reports.



A	http://www.ihe.net/Technical_Framework/upload/ihe_lab_tf_rel2_1-Vol-3_FT_2008-08-08.pdf	XD-Lab content Starts from page 13 with CDA content level 1 and end with CDA content level 3	C	http://www.ihe.net/Technical_Framework/upload/ihe_lab_tf_rel2_2.pdf	Filler Management Lab-2, section 5.5 Message static definition, start at page 68
B	http://www.ihe.net/Technical_Framework/upload/ihe_lab_tf_rel2-2.pdf	Order Placer Lab-1, section 4.5 Message static definition, start at page 53	D	http://www.ihe.net/Technical_Framework/upload/ihe_lab_tf_rel2_2.pdf	Order Results Management Lab-3, section 6.5, start at page 73

Use Case 8 – Enhancing Wounded Warrior Care (Virtual Lifetime Electronic Record)

Meaningful Use: Care Coordination
 Description: Using fictional, but true-to-life medical encounters and real-time NHIN information exchanges, this demonstration will illustrate how the data exchange through the NHIN can support continuity of care for the wounded warrior patient population.

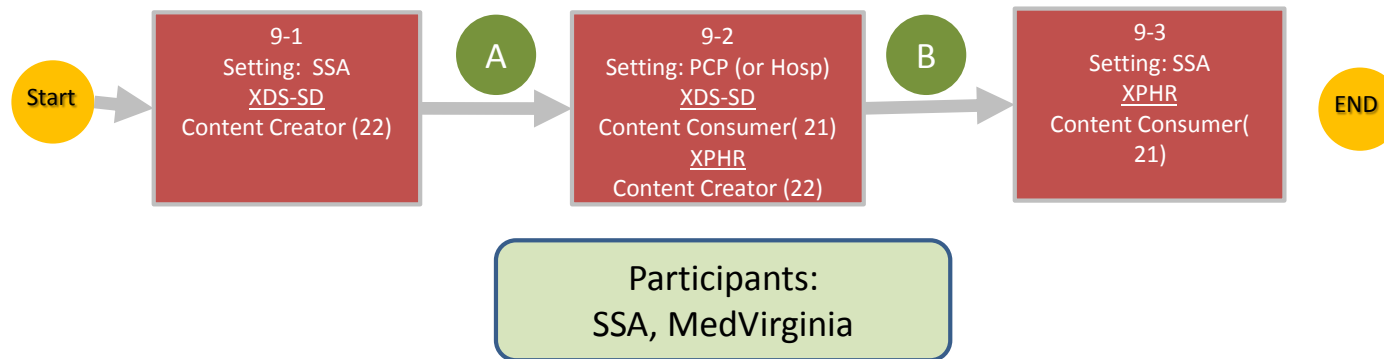


A	http://www.ihe.net/Technical_Framework/upload/IHE_PCC_TF_Rev6-0_Vol_1_2010-08-30.pdf	XPHR Content Integration Profile – page 29 http://wiki.ihe.net/index.php?title=1.3.6.1.4.1.19376.1.5.3.1.1.5
B	http://www.ihe.net/Technical_Framework/upload/IHE_PCC_TF_Rev6-0_Vol_1_2010-08-30.pdf	XPHR Content Integration Profile – page 29 http://wiki.ihe.net/index.php?title=1.3.6.1.4.1.19376.1.5.3.1.1.5

Use Case 9 – Processing SSA Claims including Authorized Release of Info

Meaningful Use: Improving Qual, Safety, Efficiency & Health Disparities

Description: The demonstration will show how Social Security Administration requests information from a medical provider (MedVirginia) based on authorization to release information and receives the information over the NHIN. The information flow is seamless and does not require any human intervention. This exchange of information dramatically reduces the time required for the exchange compared to the traditional paper process.

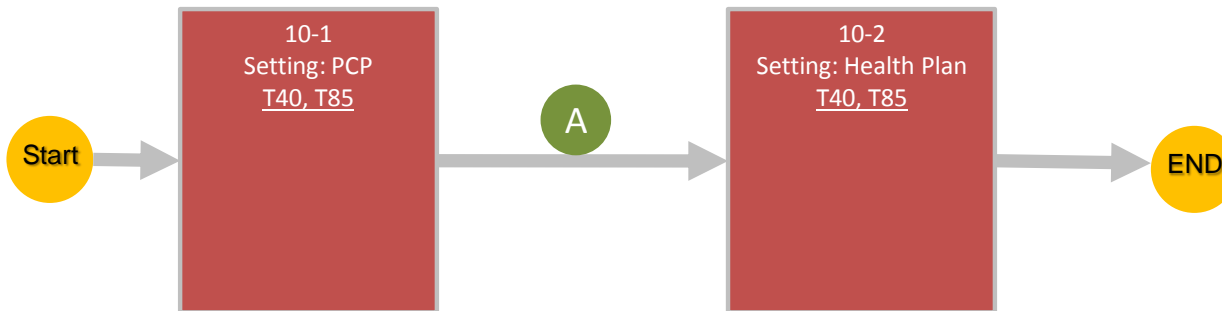


A	http://wiki.ihe.net/index.php?title=XDS-SD_Harmonization	XDS-SD http://wiki.ihe.net/index.php?title=Cross-enterprise_Sharing_of_Scanned_Documents
B	http://www.ihe.net/Technical_Framework/upload/IHE_PCC_TF_Rev6-0_Vol_1_2010-08-30.pdf	XPHR Content Integration Profile – page 29 http://wiki.ihe.net/index.php?title=1.3.6.1.4.1.19376.1.5.3.1.1.5

Use Case 10 – Automated Health Plan Eligibility Verification

Meaningful Use: Improving Qual, Safety, Efficiency & Health Disparities

Description: This use case features a patient who generates a medical summary from their PHR and shares it with their Provider who is then able to check the patient’s insurance eligibility prior to treatment. The scenario demonstrates the ability for patients to actively manage their own health information and to proactively validate insurance coverage.

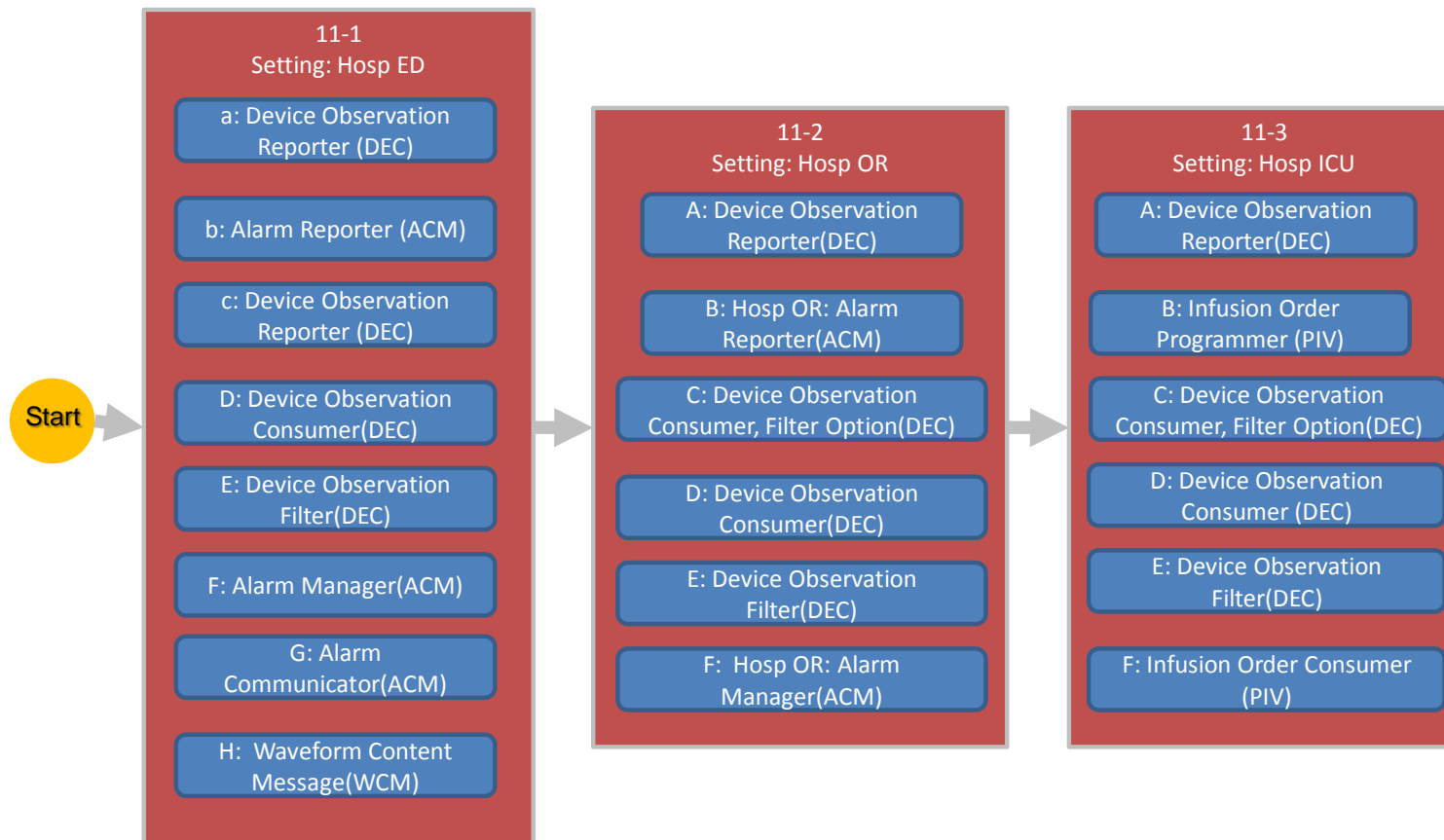


A	T40 http://wiki.hitsp.org/docs/T40/T40-3.html
B	T85 http://www.hitsp.org/ConstructSet_Details.aspx?&PrefixAlpha=3&PrefixNumeric=85 http://wiki.hitsp.org/docs/T85/T85-3.html#_Toc234828805

Use Case 11 – Device Connectivity Highlighting Alarm Communication Mgmt

Meaningful Use: Improving Quality, Safety, Efficiency

Description: The use case demonstrates the benefits of the IHE Patient Care Device Domain (PCD) Profiles in support of safe, effective, efficient patient care while improving workflow. The scenario follows a patient with Congestive Heart Failure with information available everywhere needed immediately and with systems that assure the application of the five rights for medication delivery with infusion pumps. The PCD Profiles help provide safe and effective care while improving workflow and efficiency.



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Use Case 12 – Device Connectivity Highlighting Mother and Baby Care

Meaningful Use: Improving Quality, Safety, Efficiency & Health Disparities
Description:

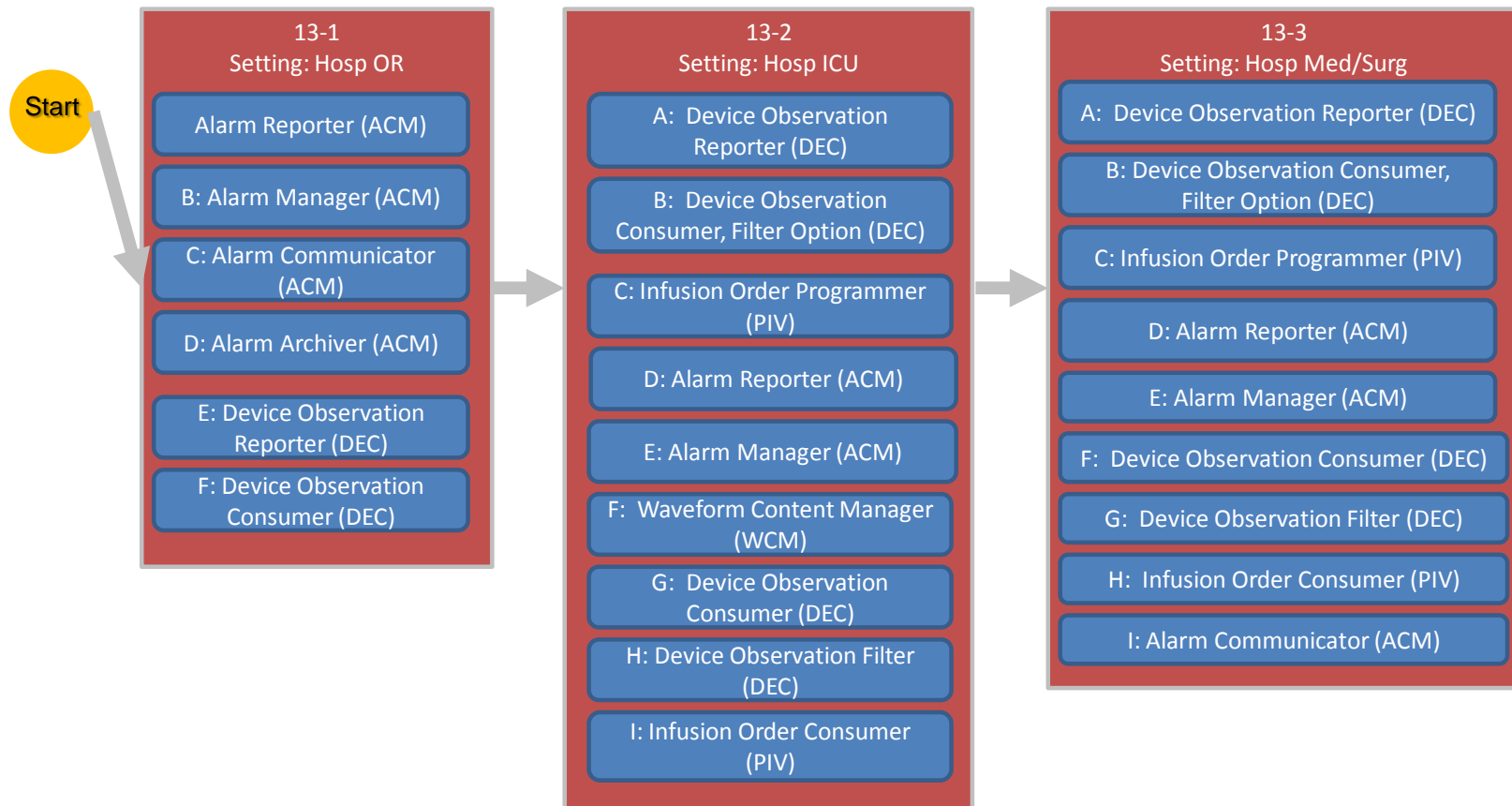


[To Matrices](#)

Use Case 13 – Device Connectivity Highlighting Infusion Pump Management

Meaningful Use: Improving Quality, Safety, Efficiency and Effectiveness

Description: This use case describes the vital role medical device interoperability plays in meeting meaningful use objectives, demonstrating alarm communication from medical devices directly to the caregiver to facilitate appropriate response, improving speed and efficiency, and care. A new profile will provide the caregiver with simultaneous waveforms to help prioritize and improve the effectiveness of the response. Also shown are messages carrying physiologic data and improvements in patient safety with five rights for iv pump medication management.

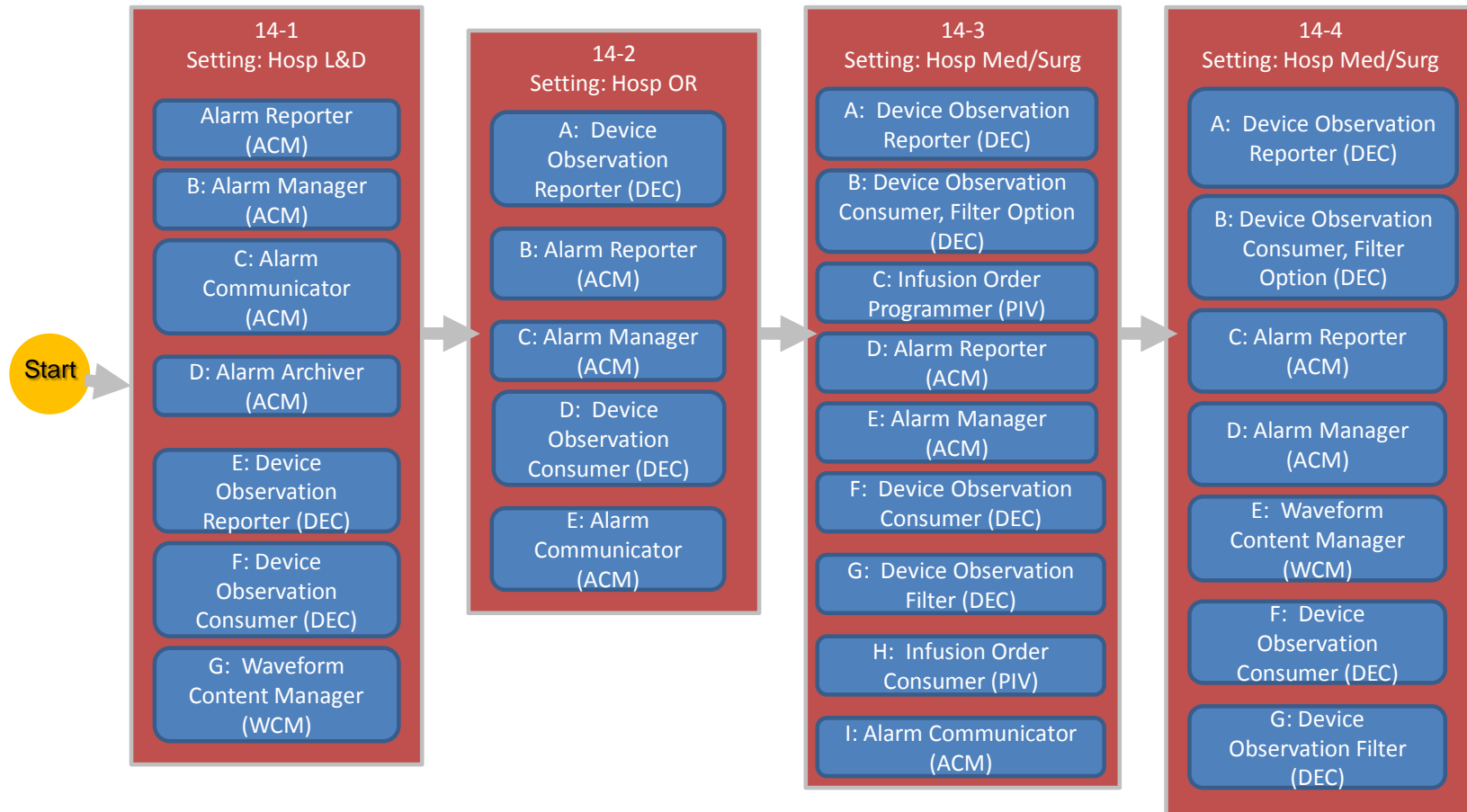


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Use Case 14 – Device Connectivity Landscape

Meaningful Use: Improving Quality, Safety, Efficiency & Health Disparities

Description: This demonstrates the benefits of device connectivity to provide patient data from a wide variety of devices and make it immediately useful throughout the hospital. PCD profiles also carry physiologic and device data and alarms, including waveform “snippets”. Overall, PCD Profiles reduce medical errors and improve the clinician’s ability to address the patient’s condition while improving safety, efficiency and providing the same quality care for every patient. The scenario also shows care coordination evidenced by the patient’s discharge with home care devices permitting appropriate long term care in the best environment for the patient.

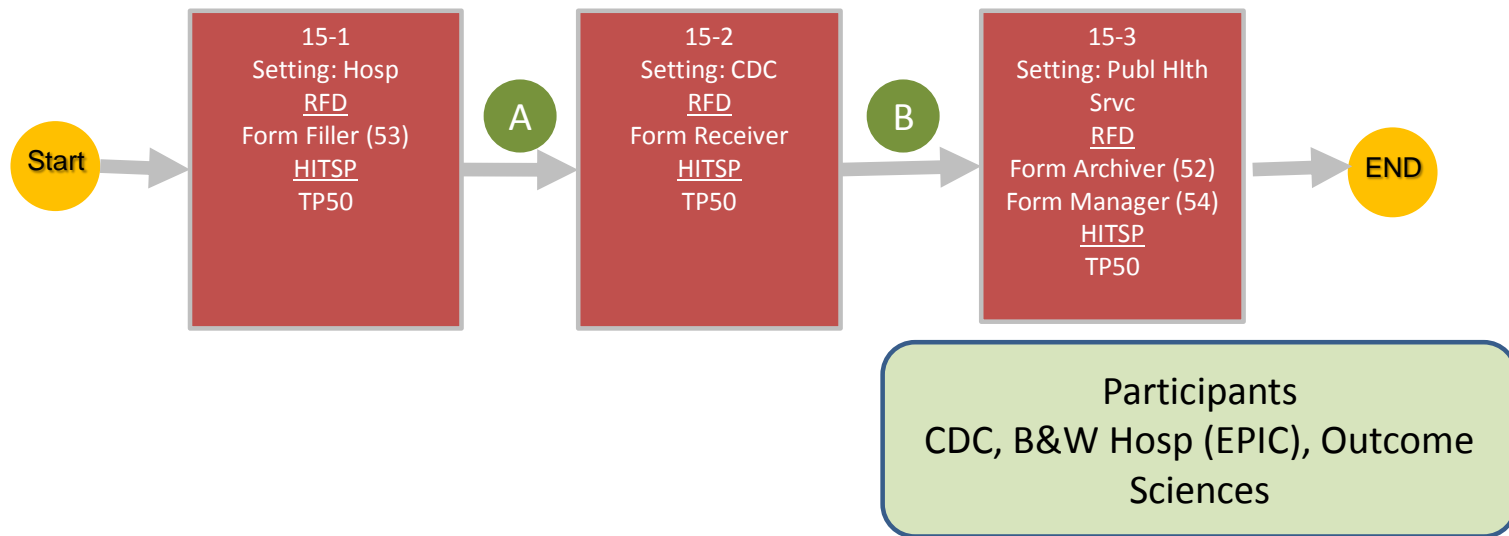


[To Matrices](#)

Use Case 15 – Adverse Event Reporting

Meaningful Use: Improving Population & Public Health

Description: This use case demonstrates how drug utilization and adverse reaction information are exchanged and used to expediently trigger action by the Food and Drug Administration (FDA) to support drug safety in the industry. The demonstration will use IHE Profiles and HITSP constructs to demonstrate expedient drug safety reporting from the provider's office to the FDA.



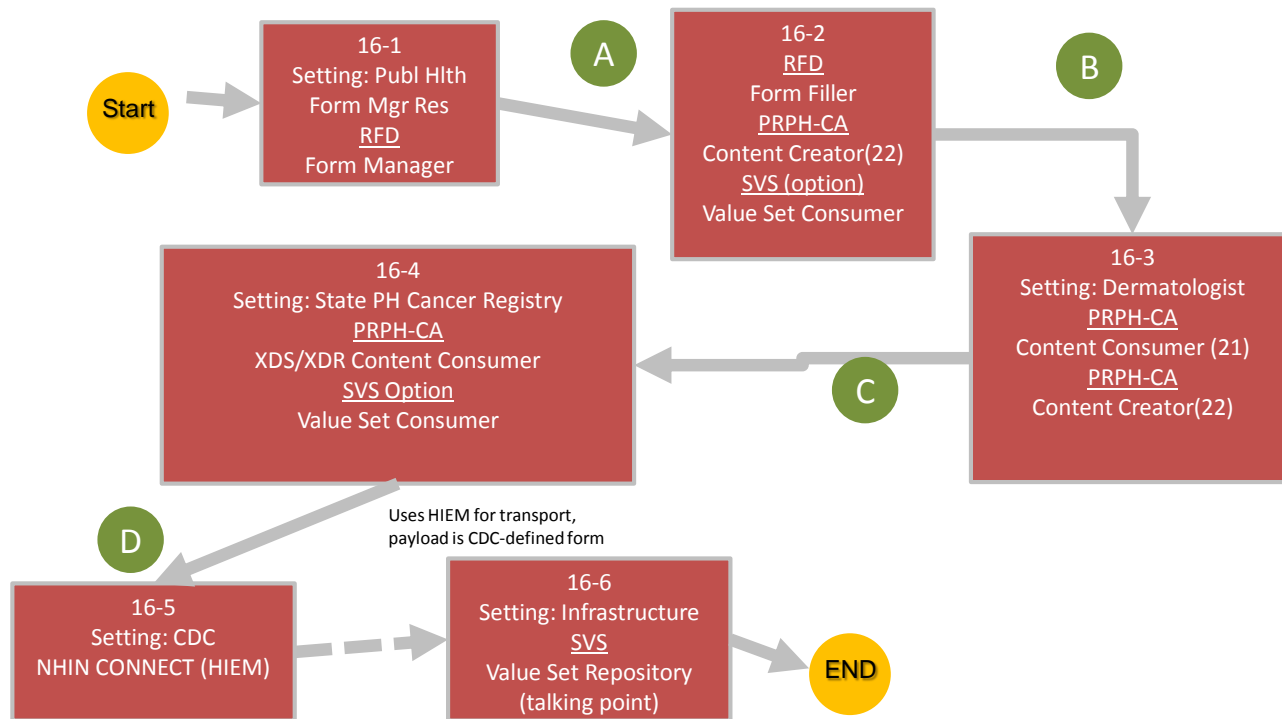
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RFD http://www.ihe.net/Technical_Framework/upload/IHE_ITI_Suppl_RFD_Rev2-1_TI_2010-08-10.pdf
 TP 50 http://wiki.hitsp.org/docs/TP50/TP50-3.html#_Toc234744141

Use Case 16 –Physician Cancer Diagnosis and Reporting to a Public Health State Cancer Registry

Meaningful Use: Improving Population & Public Health

Description: The use case follows a patient through a visit to his/her Primary Care Provider and Dermatologist for diagnosis of cancer. It demonstrates how clinic/physician office systems can share information with one another and submit a Cancer Event Report to a Public Health State Cancer Registry. The scenario shows how public health reporting is performed for all patients diagnosed with a reportable cancer.



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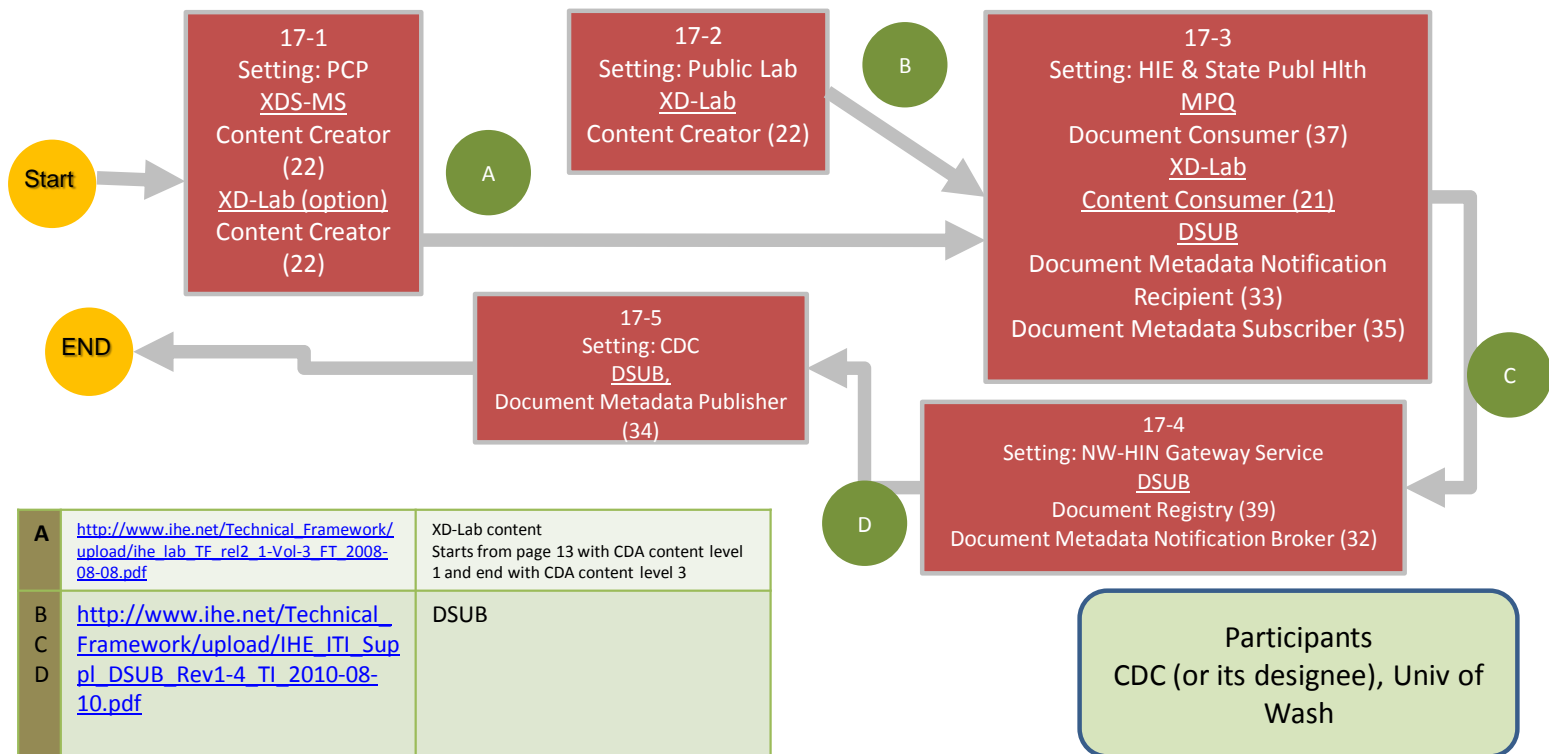
A	RFD http://www.ihe.net/Technical_Framework/upload/IHE_ITI_Suppl_RFD_Rev2-1_TI_2010-08-10.pdf
B & C	PRPH-CA http://www.ihe.net/Technical_Framework/upload/IHE_QRPH_Suppl_PRPH_Ca_Rev1-2_TI_2010_11_04.pdf Refer to table 6.3.1.2.3-1 CDA Header Elements for Physician Report to Cancer Registry Document on page 34
B & C	SVS - ftp://ftp.ihe.net/IT_Infrastructure/iheitiyr6-2008-2009/Technical_Cmte/TrialImplementationSupplements/PublishedVersions/IHE_ITI_TF_Supplement_Sharing_Value_Sets_SVS_TI_Draft_2008-08-22.pdf

[To Matrices](#)

Use Case 17 – Biosurveillance Monitoring and Detection – ILI

Meaningful Use: Improving Population & Public Health

Description: The use case demonstrates how clinical data, including laboratory results, are exchanged and analyzed by public health agencies to support population health monitoring. The scenario also features public health biosurveillance monitoring.

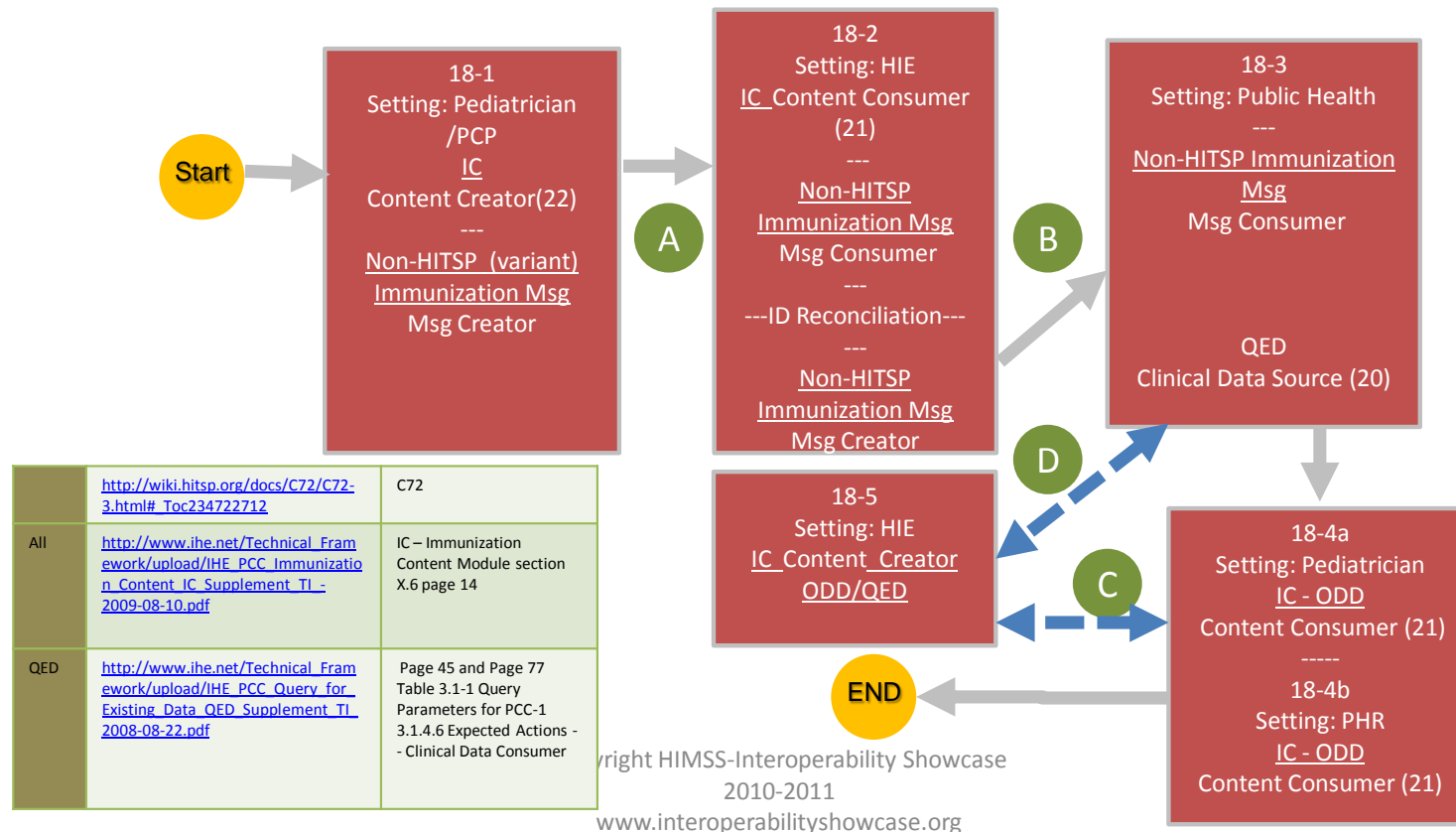


A	<p>XDS – MS (Referral Summary) - 6.3.1.3 Referral Summary Specification 1.3.6.1.4.1.19376.1.5.3.1.1.3 http://www.ihe.net/Technical_Framework/upload/IHE_PCC_TF_Rev6-0_Vol_2_2010-08-30.pdf - Page 40</p>	
B	<p>http://www.ihe.net/Technical_Framework/upload/ihe_lab_TF_rel2_1-Vol-3_FT_2008-08-08.pdf</p>	<p>XD-Lab content Starts from page 13 with CDA content level 1 and end with CDA content level 3</p>
C	<p>MPQ - http://www.ihe.net/Technical_Framework/upload/IHE_ITI_Suppl_MPQ_Rev2-1_TI_2010-08-10.pdf</p>	
D	<p>GIPSE - ftp://ftp.ihe.net/.../ARRA_HiTECH.../IFR%20Standards%20010-01-10.doc</p>	<p>This was the only thing I can find about GIPSE. May need further input from Lori about the specific content.</p>

Use Case 18 – Immunization Registry Updating & Utilization

Meaningful Use: Improving Population & Public Health

Description: The use case follows a child through several visits to his/her pediatrician for well-child checks and immunizations. Using the HIE's infrastructure, PHR and EHR systems are able to access and update the same data on the child's immunization history. The State's Immunization Information System is receiving updates from provider EHRs and because of this; public health can easily track population immunization rates and trends.

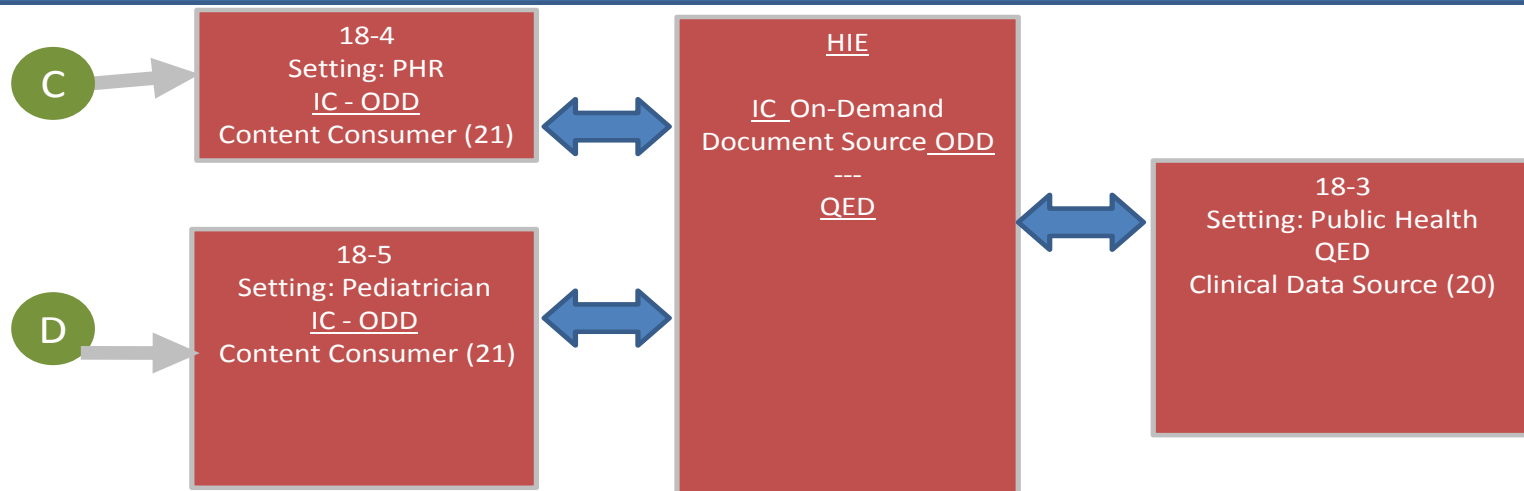


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Use Case 18 – Immunization Registry Updating & Utilization

Meaningful Use: Improving Population & Public Health

Description: The use case follows a child through several visits to his/her pediatrician for well-child checks and immunizations. Using the HIE's infrastructure, PHR and EHR systems are able to access and update the same data on the child's immunization history. The State's Immunization Information System is receiving updates from provider EHRs and because of this; public health can easily track population immunization rates and trends.



	http://wiki.hitsp.org/docs/C72/C72-3.html#_Toc234722712	C72
All	http://www.ihe.net/Technical_Framework/upload/IHE_PCC_Immunization_Content_IC_Supplement_TI_2009-08-10.pdf	IC – Immunization Content Module section X.6 page 14
QED	http://www.ihe.net/Technical_Framework/upload/IHE_PCC_Query_for_Existing_Data_QED_Supplement_TI_2008-08-22.pdf	Page 45 and Page 77 Table 3.1-1 Query Parameters for PCC-1 3.1.4.6 Expected Actions - Clinical Data Consumer

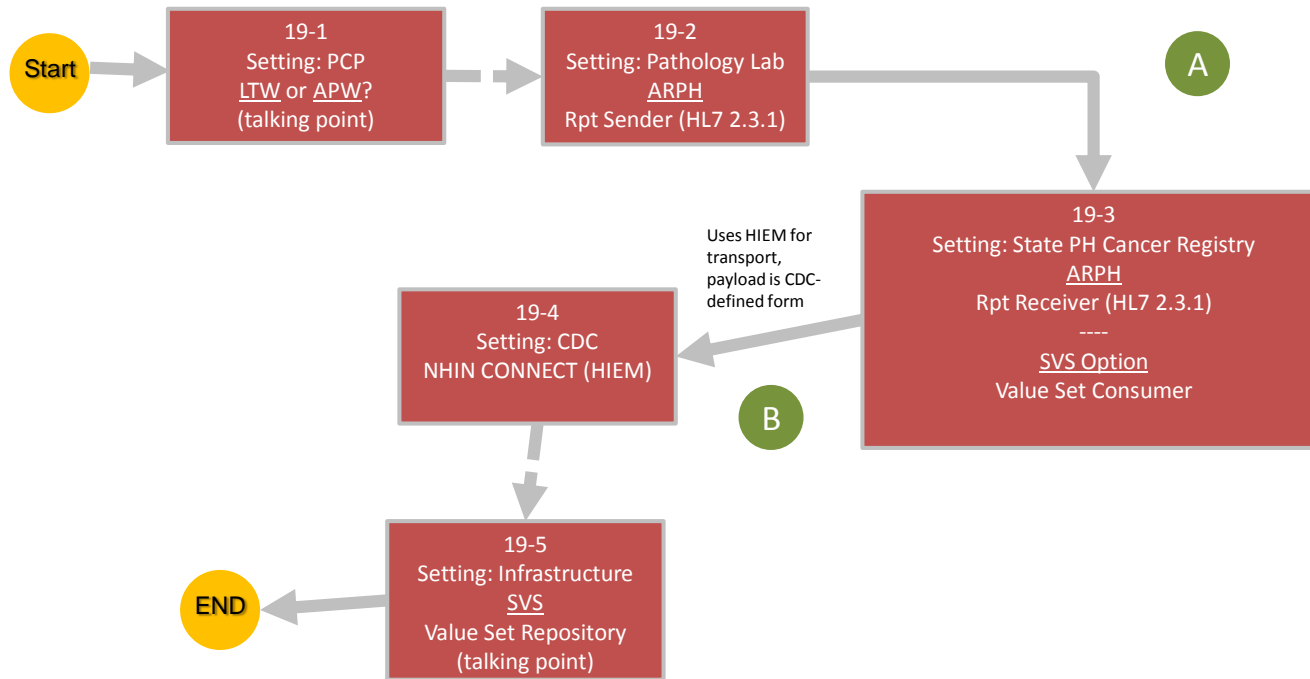
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Use Case 19 –Pathology Laboratory Reporting to a Public Health State Cancer Registry

Meaningful Use: Improving Population & Public Health
 Description: The use case follows a patient through a visit to his/her Primary Care Provider and diagnosis of cancer. It demonstrates how local pathology laboratory systems can submit a Cancer Event Report to a Public Health State Cancer Registry. The scenario shows how public health reporting is performed for all patients diagnosed with a reportable cancer.



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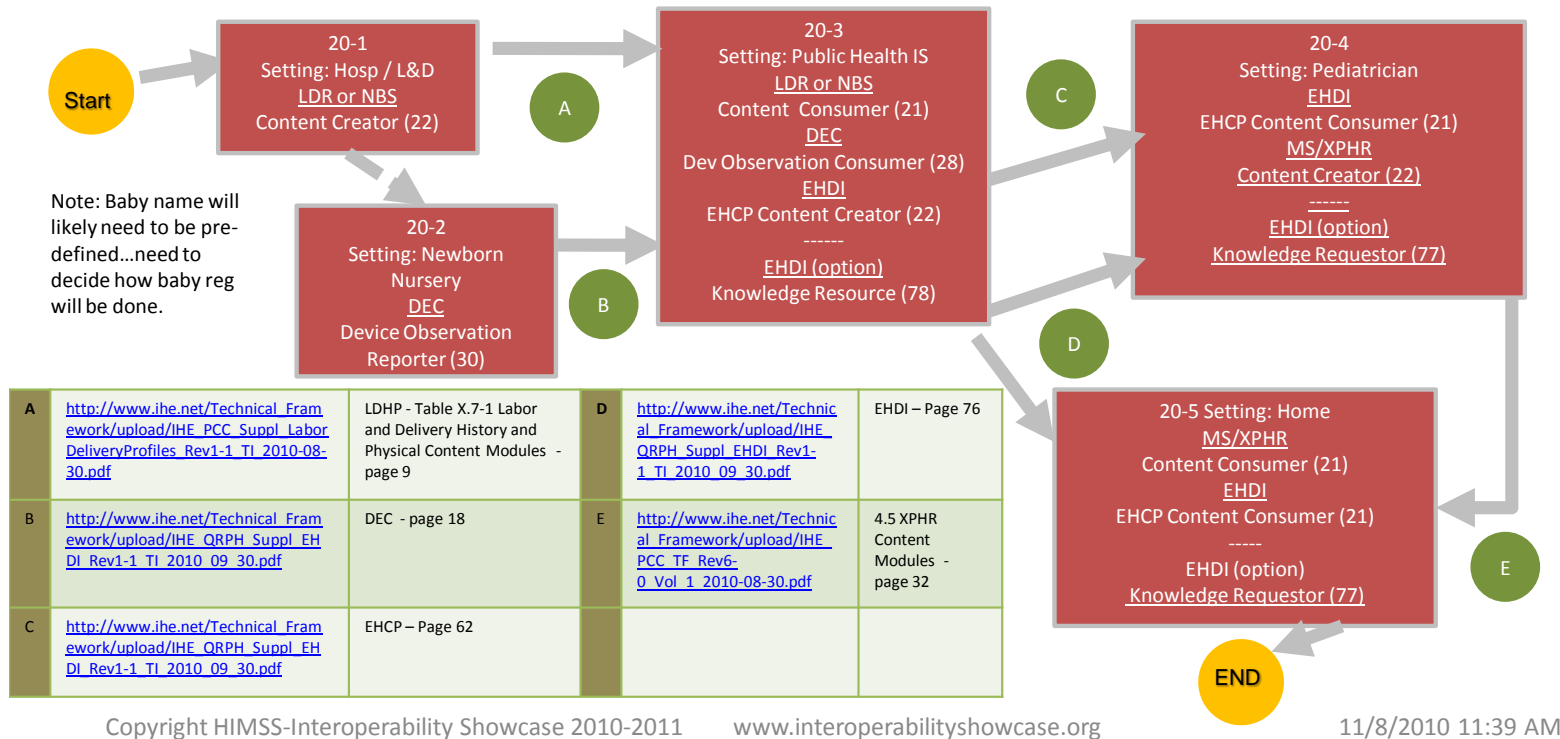
A	ARPH - http://www.ihe.net/Technical_Framework/upload/IHE_PAT_Suppl_ARPH_Rev2-0_TI_2010-07-23.pdf Based on the message specification in section 3 of the document, provide the necessary information required for each of the message segments.
B	SVS - ftp://ftp.ihe.net/IT_Infrastructure/iheitiyr6-2008-2009/Technical_Cmte/TrialImplementationSupplements/PublishedVersions/IHE_ITI_TF_Supplement_Sharing_Value_Sets_SVS_TI_Draft_2008-08-22.pdf

[To Matrices](#)

Use Case 20 – Early Hearing Screening and Guidance for Newborns

Meaningful Use: Improving Population & Public Health

Description: This Use Case represents the newborn hearing screening process flows conducted at a birthing facility and as part of a state-based public health Early Hearing Detection and Intervention (EHDI) program. Hospital-based hearing screening results from the screening device and/or from the birthing facility EHR are transmitted electronically to the state EHDI program that is responsible for creating the Early Hearing Care Plan (EHCP). The EHCP generated from the state EHDI Information System (EHDI-IS) communicates an individual child's birth screening outcome, jurisdictional specific newborn hearing screening guidelines and quality assessment reports through the Health Information Exchange (HIE) to the birthing facility EHR and the Primary Care Provider (PCP) EHR. As an optional flow, parent may upload EHCP into their Personal Health Record (PHR) from the Health Information Exchange (HIE).

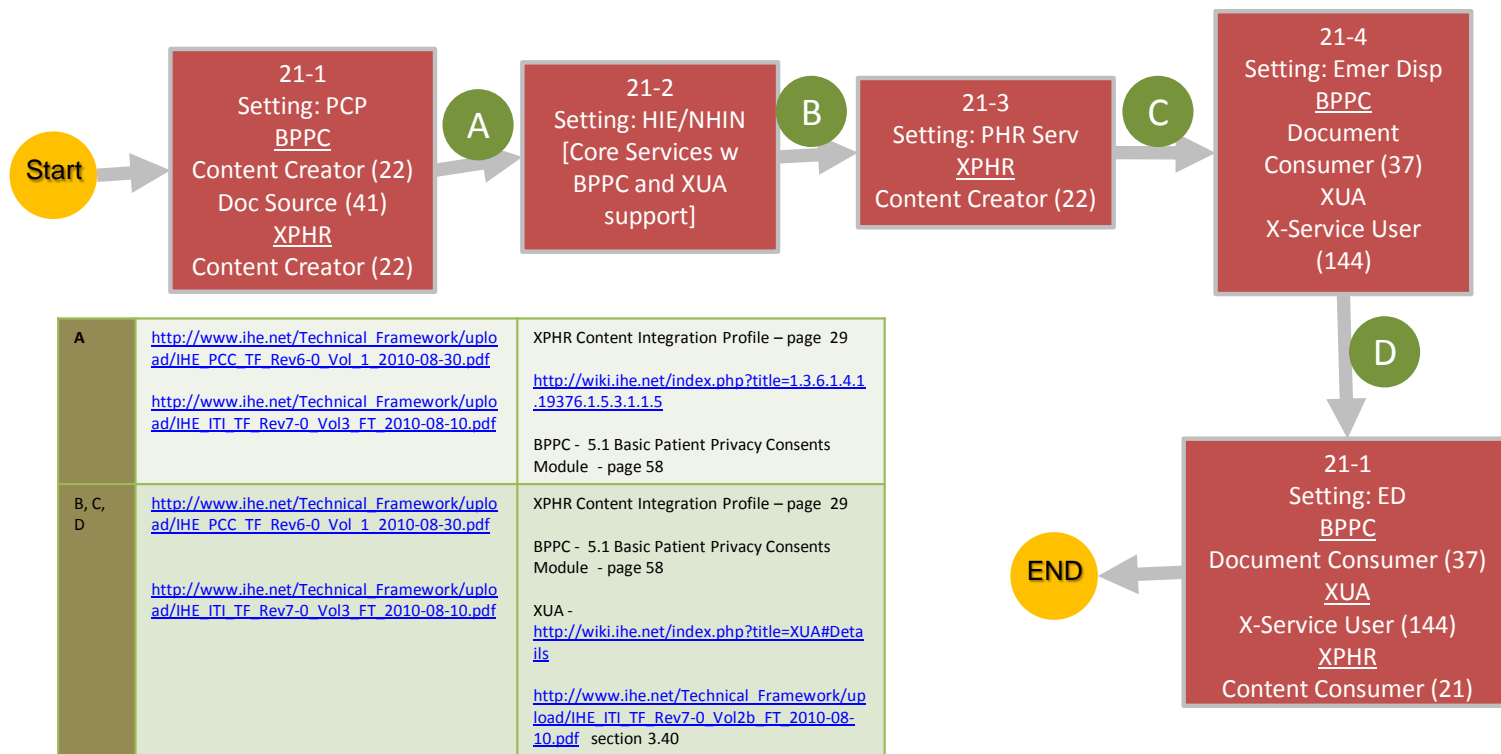


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Use Case 21 – Patient Privacy Protection with Emergency Response Events

Meaningful Use: Security & Privacy

Description: This use case demonstrates consent management within an HIE. The scenario also shows how a patient can opt-in to a policy where certain data cannot be accessed without authorized consent.



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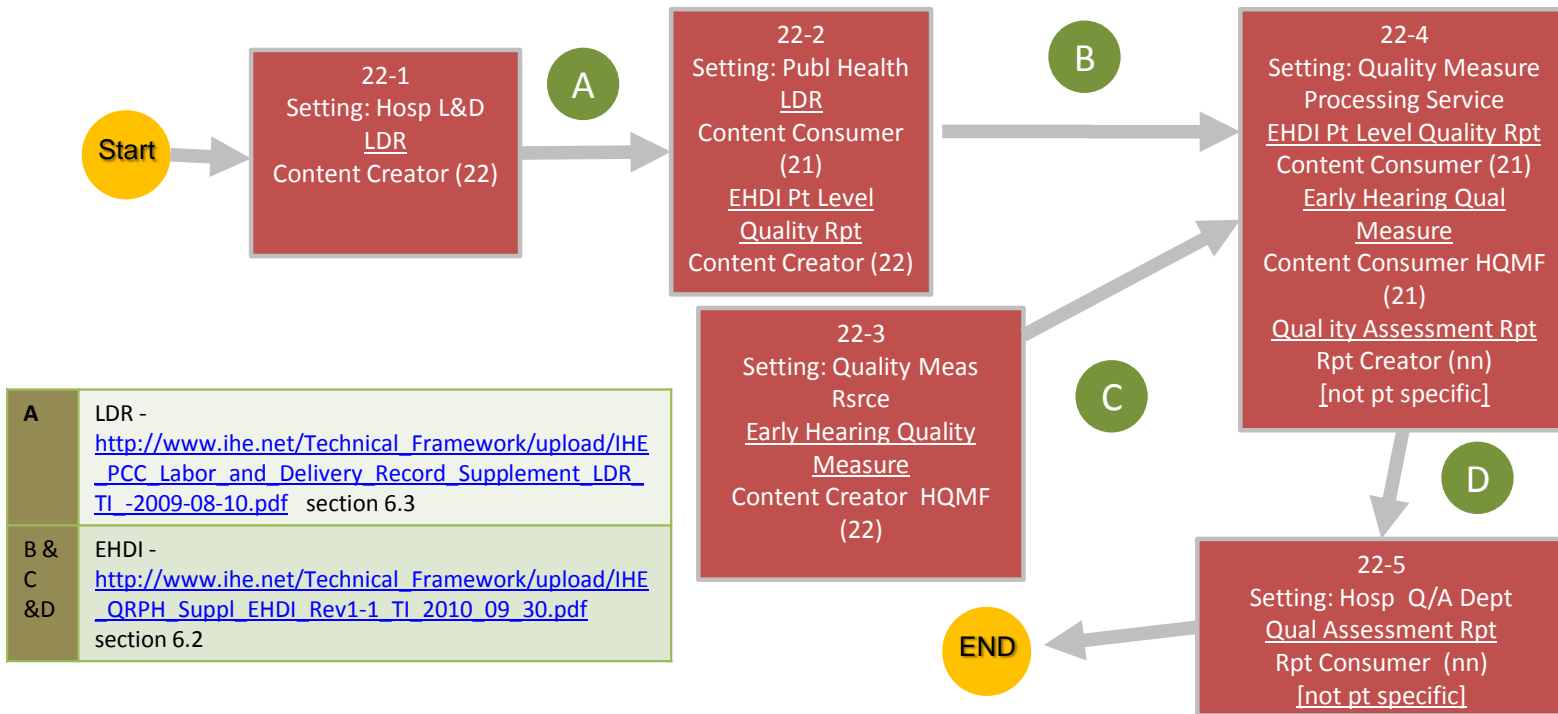
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Use Case 22 – Newborn Hearing Screening Quality Monitoring

Meaningful Use: Quality

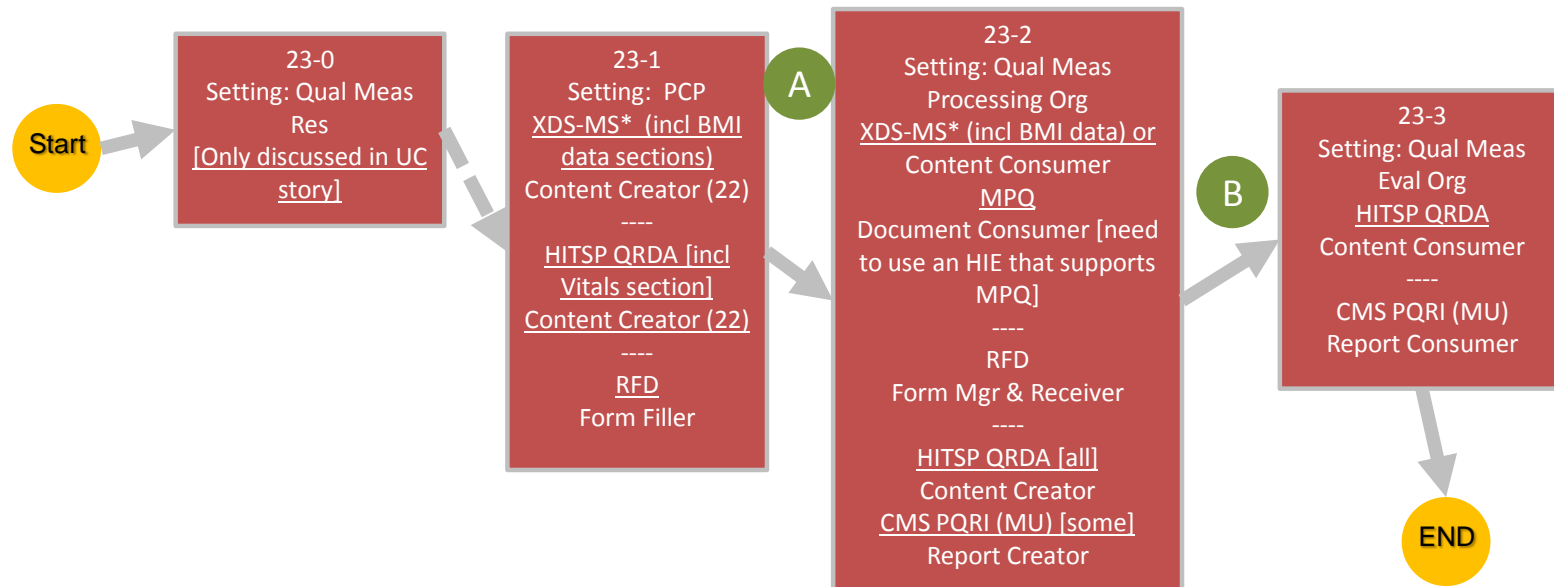
Description: EHDI Quality electronic measures have been generated to enable the monitoring of conformance to Early Hearing Screening and Intervention conventions. These electronic measures are made available to clinicians, public health authorities and others involved quality reporting measures as a Quality Electronic Measures. The patient presents to the Pediatrician with hearing screening results that indicate hearing loss. The patient is referred for assessment for follow-up diagnosis and treatment recommendations. At discharge, a medical summary and/or quality metric summary is provided to public health or to the HIE which provides quality measurement and reporting as a value added service on behalf of the HIE participants. Comparative quality reports are developed and distributed to the clinical stakeholders.



Use Case 23 – Ambulatory Quality eMeasure Reporting – BMI [CMS MU]

Meaningful Use: Quality

Description: The use case demonstrates how an HIE can query an XDS Registry for documents which are analyzed to see if they can allow data capture and generation of standard public health reporting measures for quality, surveillance monitoring, chronic disease tracking. The scenario also demonstrates the analysis of other quality measures such as Notifiable Disease Identification data that can be provided to state and local public health entities.



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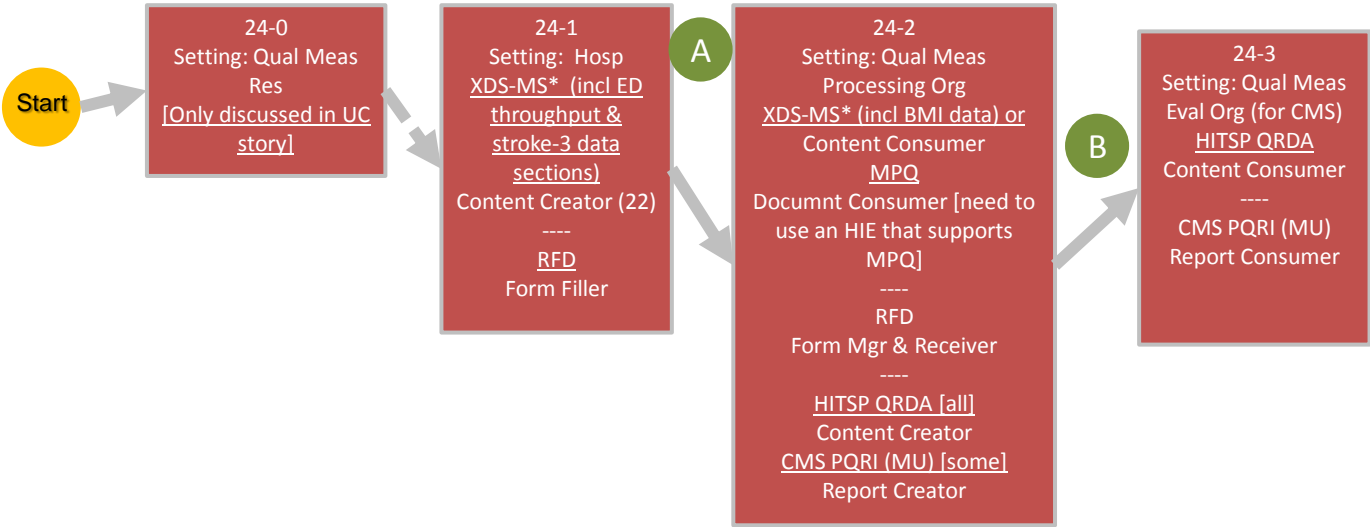
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A	<p>XDS – MS (Referral Summary) - 6.3.1.3 Referral Summary Specification 1.3.6.1.4.1.19376.1.5.3.1.1.3 http://www.ihe.net/Technical_Framework/upload/IHE_PCC_TF_Rev6-0_Vol_2_2010-08-30.pdf - Page 40</p> <p>HITSP QRDA - http://developer.connectopensource.org/download/attachments/35488106/HITSP_V1.0_2010_C105_-_Patient_Level_Quality_Data_Document.pdf</p> <p>RFD http://www.ihe.net/Technical_Framework/upload/IHE_ITI_Suppl_RFD_Rev2-1_TI_2010-08-10.pdf</p> <p>MPQ http://www.ihe.net/Technical_Framework/upload/IHE_ITI_Suppl_MPQ_Rev2-1_TI_2010-08-10.pdf</p>
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[To Matrices](#)

Use Case 24 – Hospital Quality eMeasure Reporting – ED Throughput & Stroke (CMS MU)

Meaningful Use: Quality
Description: This use case features advanced quality measurement where electronic measures are used to provide routine Quality Measurement to assess clinical process measures for Emergency Department throughput and Stroke (-3 Anticoagulation for A-fib/flutter). The scenario demonstrates the ability to provide efficient and accurate quality measurement using eMeasures to assemble quality source data from Electronic Health Record sources.



[To Matrices](#)

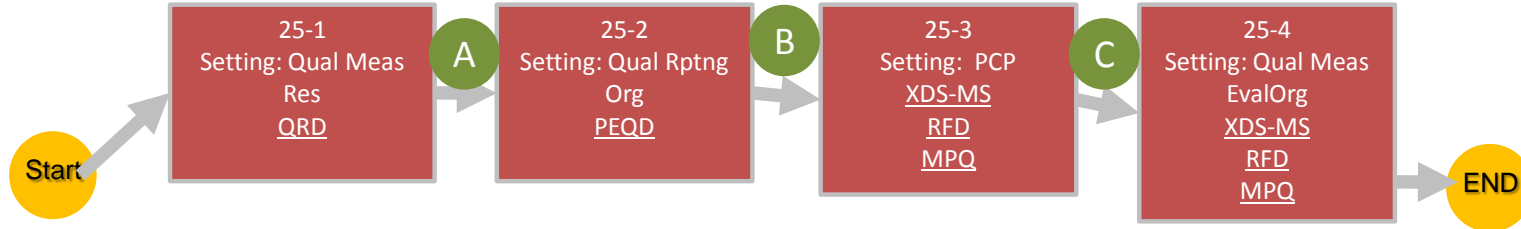
A & B	<p>XDS – MS (Referral Summary) - 6.3.1.3 Referral Summary Specification 1.3.6.1.4.1.19376.1.5.3.1.1.3 http://www.ihe.net/Technical_Framework/upload/IHE_PCC_TF_Rev6-0_Vol_2_2010-08-30.pdf - Page 40</p> <p>HITSP QRDA - http://developer.connectopensource.org/download/attachments/35488106/HITSP_V1.0_2010_C105_-_Patient_Level_Quality_Data_Document.pdf</p> <p>RFD http://www.ihe.net/Technical_Framework/upload/IHE_ITI_Suppl_RFD_Rev2-1_TI_2010-08-10.pdf</p> <p>MPQ http://www.ihe.net/Technical_Framework/upload/IHE_ITI_Suppl_MPQ_Rev2-1_TI_2010-08-10.pdf</p>
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Use Case 25 – Ambulatory Quality eMeasure Reporting – ACE/ARB (AMA-PCPI)

Meaningful Use: Quality

Description: This use case demonstrates communication of quality eMeasure specifications and communication of quality data for measurement between physicians and between physicians and reporting bodies. The scenario also shows how government performance targets are communicated with clinical settings, and how information from providers can be reported to payers, government agencies and other quality measurement organizations.



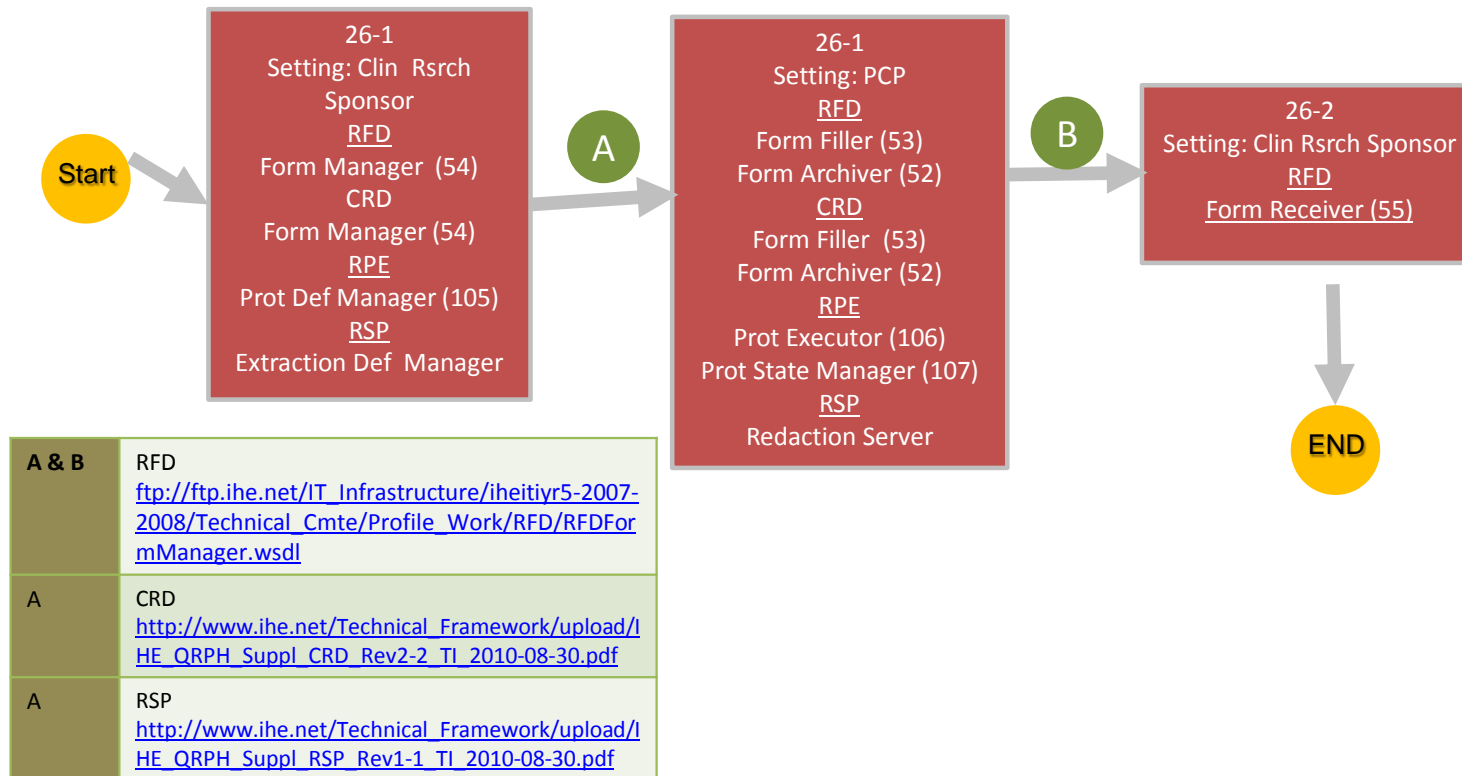
A	Cannot find QRD references on IHE.net
B	PEQD http://wiki.ihe.net/index.php?title=PEQD
C	XDS-MS Referral PCC TF-2:6.1.1.3. - page 40 http://www.ihe.net/Technical_Framework/upload/IHE_PCC_TF_Rev6-0_Vol_2_2010-08-30.pdf

Participants
AMA (PCPI), NQF, Ingenix,
Providers

Use Case 26 – Integrated Reporting for Clinical Research Participation

Meaningful Use: Improving Population & Public Health

Description: The use case demonstrates the conduct of a clinical research study by a Research Sponsor and its exchange of information with a Site Investigators' site where patient data is gathered, as a collaborative workflow process executed in a highly automated and secure manner. The information so gathered is authenticated at the trial site before being forwarded to the sponsor and archived in the site clinical trial document vault as part of the permanent source record of the trial



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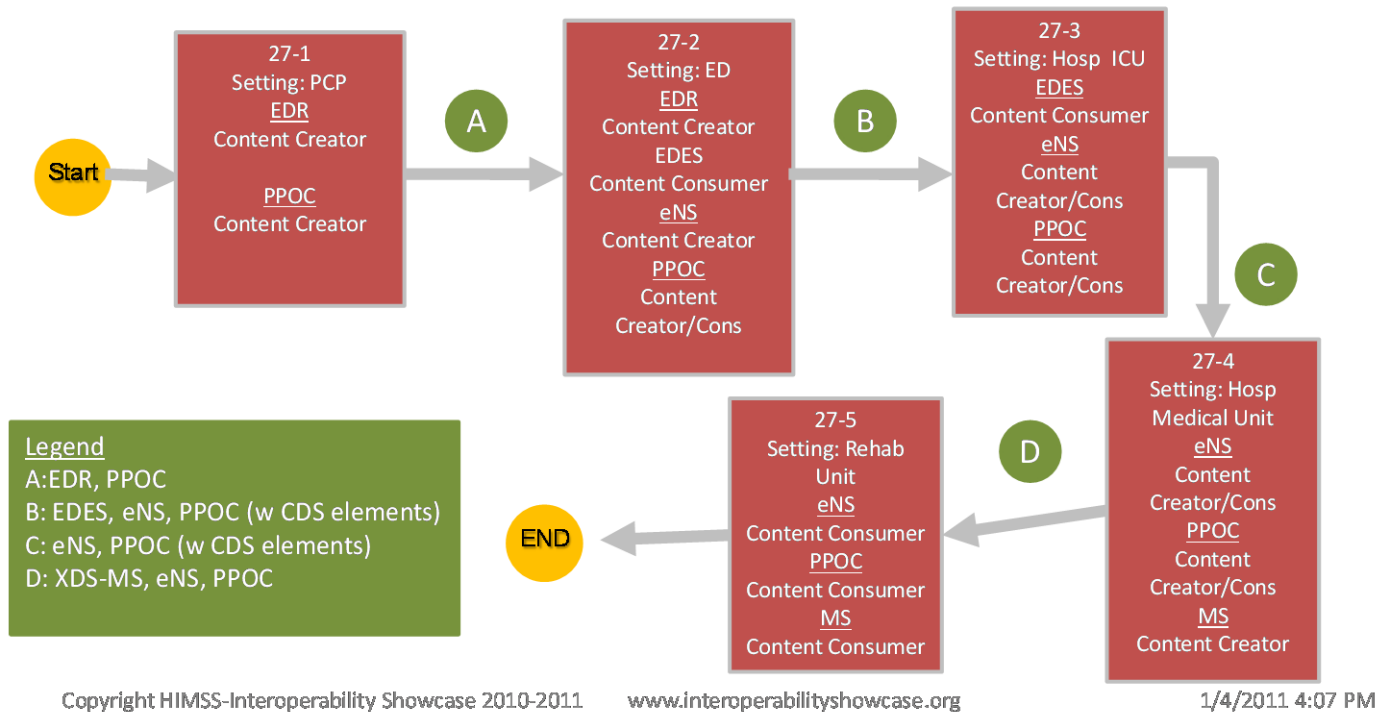
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Use Case 27 – Clinical Decision Support Used for Care Continuity for Stroke Care

Meaningful Use: Improving Quality, Safety, Efficiency & Health Disparities, Care Coordination
 Description: tbd



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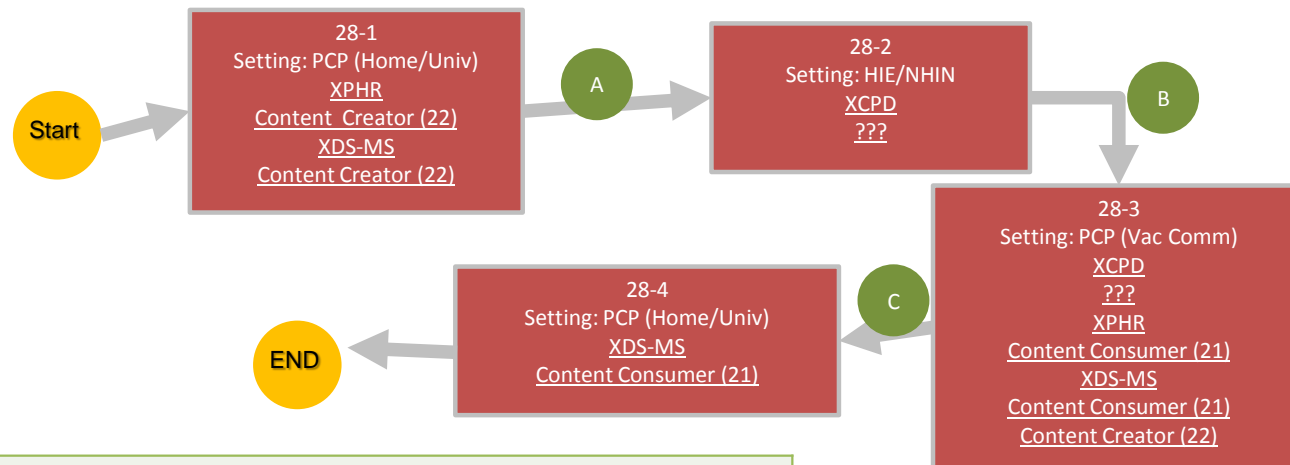
A	<p>EDR - Emergency Department Referral Specification 1.3.6.1.4.1.19376.1.5.3.1.1.10 – Page 63 Data Element Index http://www.ihe.net/Technical_Framework/upload/IHE_PCC_TF_Rev6-0_Vol_2_2010-08-30.pdf</p> <p>PPOC - http://www.ihe.net/Technical_Framework/upload/IHE_PCC_Suppl_PPOC_Rev1-2_TI_2010-08-30.pdf Section 6.1.1</p>
B & C & D	<p>EDES - http://www.ihe.net/Technical_Framework/upload/IHE_PCC_EDES_Supplement_TI_-2009-08-10.pdf</p> <p>eNS - http://www.ihe.net/Technical_Framework/upload/IHE_PCC_Suppl_ENS_Rev1-1_TI_2010-08-30.pdf Section 5 and 6</p> <p>PPOC - http://www.ihe.net/Technical_Framework/upload/IHE_PCC_Suppl_PPOC_Rev1-2_TI_2010-08-30.pdf Section 6.1.1</p>

[To Matrices](#)

Use Case 28 – Informed Care at a Vacation Community

Meaningful Use: Care Coordination

Description: The use case demonstrates how a patient can receive quality care at a destination that is not a frequent location where the patient receives care, e.g. at a vacation community. Special needs and medical conditions are made readily available to all care delivery organizations independent of geographic location with minimal exchange of an individual's clinical information.

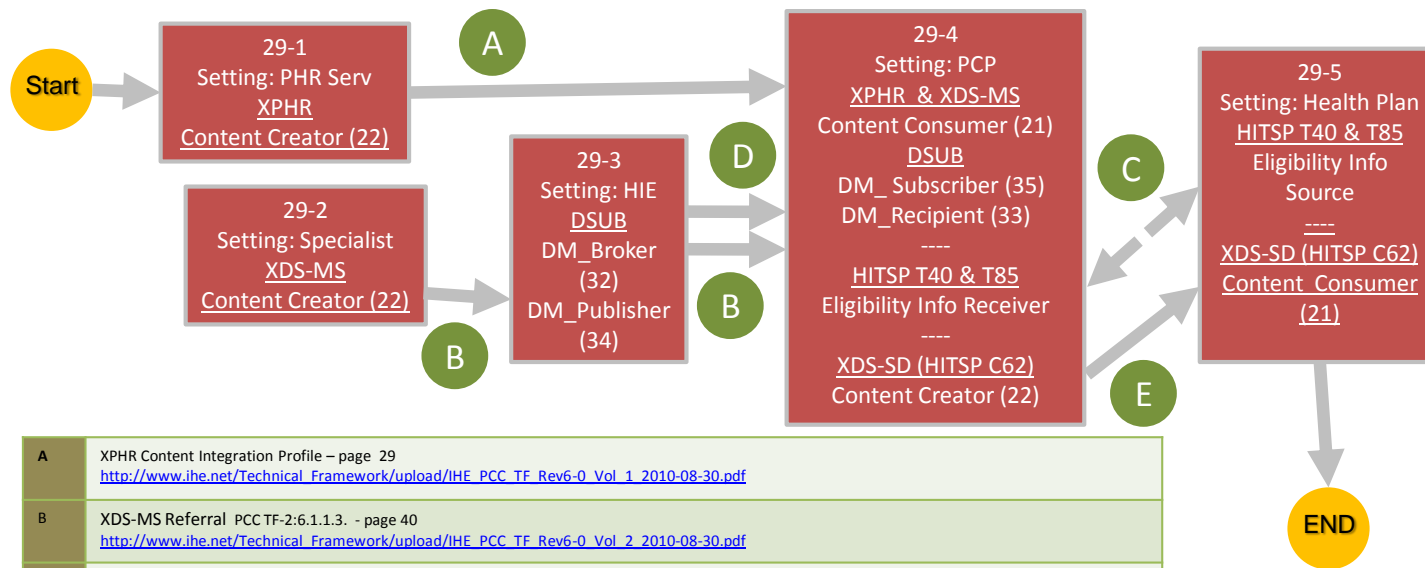


A	<p>XPHR Content Integration Profile – page 29 http://www.ihe.net/Technical_Framework/upload/IHE_PCC_TF_Rev6-0_Vol_1_2010-08-30.pdf</p> <p>XDS-MS Referral PCC TF-2:6.1.1.3. - page 40 http://www.ihe.net/Technical_Framework/upload/IHE_PCC_TF_Rev6-0_Vol_2_2010-08-30.pdf</p>
B	<p>XCPD http://www.ihe.net/Technical_Framework/upload/IHE_ITI_Suppl_XCPD_Rev2-1_TI_2010-08_10.pdf</p>
C	<p>XDS-MS Referral PCC TF-2:6.1.1.3. - page 40 http://www.ihe.net/Technical_Framework/upload/IHE_PCC_TF_Rev6-0_Vol_2_2010-08-30.pdf</p>

Use Case 29 – Supporting the Medical Home Model of Primary Care

Meaningful Use: Care Coordination; Engaging Patients & Family

Description: This use case presents a model of a “medical home” deployment leveraging the electronic information exchange to facilitate care delivery coordination of a chronically ill patient by the primary care physician. The Provider is able to check the patient’s overall insurance eligibility as part of the treatment planning process. Engagement by the patient in the overall care plan via a PHR information exchange and economic support from the patient’s health plan provider will also be highlighted.



A	XPHR Content Integration Profile – page 29 http://www.ihe.net/Technical_Framework/upload/IHE_PCC_TF_Rev6-0_Vol_1_2010-08-30.pdf
B	XDS-MS Referral PCC TF-2:6.1.1.3. - page 40 http://www.ihe.net/Technical_Framework/upload/IHE_PCC_TF_Rev6-0_Vol_2_2010-08-30.pdf
C	T40 http://wiki.hitsp.org/docs/T40/T40-3.html T85 http://www.hitsp.org/ConstructSet_Details.aspx?&PrefixAlpha=3&PrefixNumeric=85 , http://wiki.hitsp.org/docs/T85/T85-3.html#_Toc234828805
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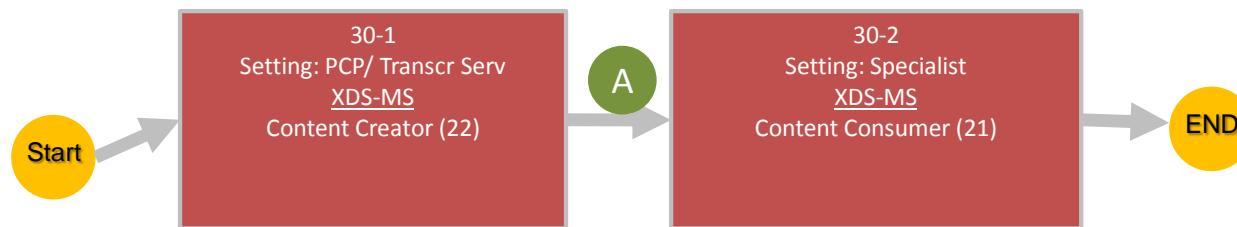
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Use Case 30 – Enhancing Care Coordination via Transcription Services

Meaningful Use: Care Coordination

Description: This Use Case demonstrates the use of a typical transcription service assisting in the creation and exchange of medical summaries from a non-HER equipped physician office to one that uses an EHR for its encounter management.



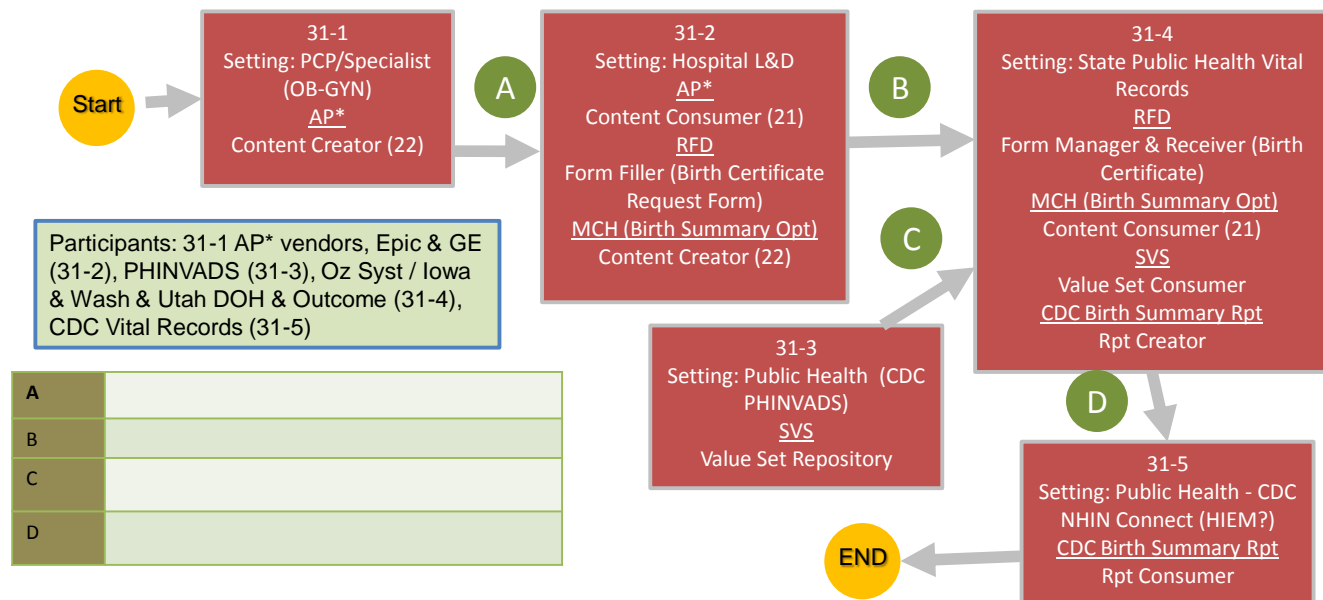
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XDS-MS Referral PCC TF-2:6.1.1.3. - page 40
http://www.ihe.net/Technical_Framework/upload/IHE_PCC_TF_Rev6-0_Vol_2_2010-08-30.pdf

Use Case 31 – Vital Records Update at Point of Delivery

Meaningful Use: Improving Population & Public Health

Description: The expectant mother sees the OB/GYN for routine pre-natal visits. When she arrives at the birthing facility, her pre-natal clinical data is available to the care team. The antepartum care information is incorporated into the labor and delivery record along with the clinical details from the birth, and initial post-partum period. The Vital Records forms are surfaced from within the EHR pre-populated with information available from the clinical data in the EHR. The individual responsible for submitting the certificate request reviews the information in the form, enters information required to be entered by the responsible party, and submits the form. The birth certificate information is received by vital records. Vital records submits state summary vital statistics information for assessments of national and regional population birth statistics.



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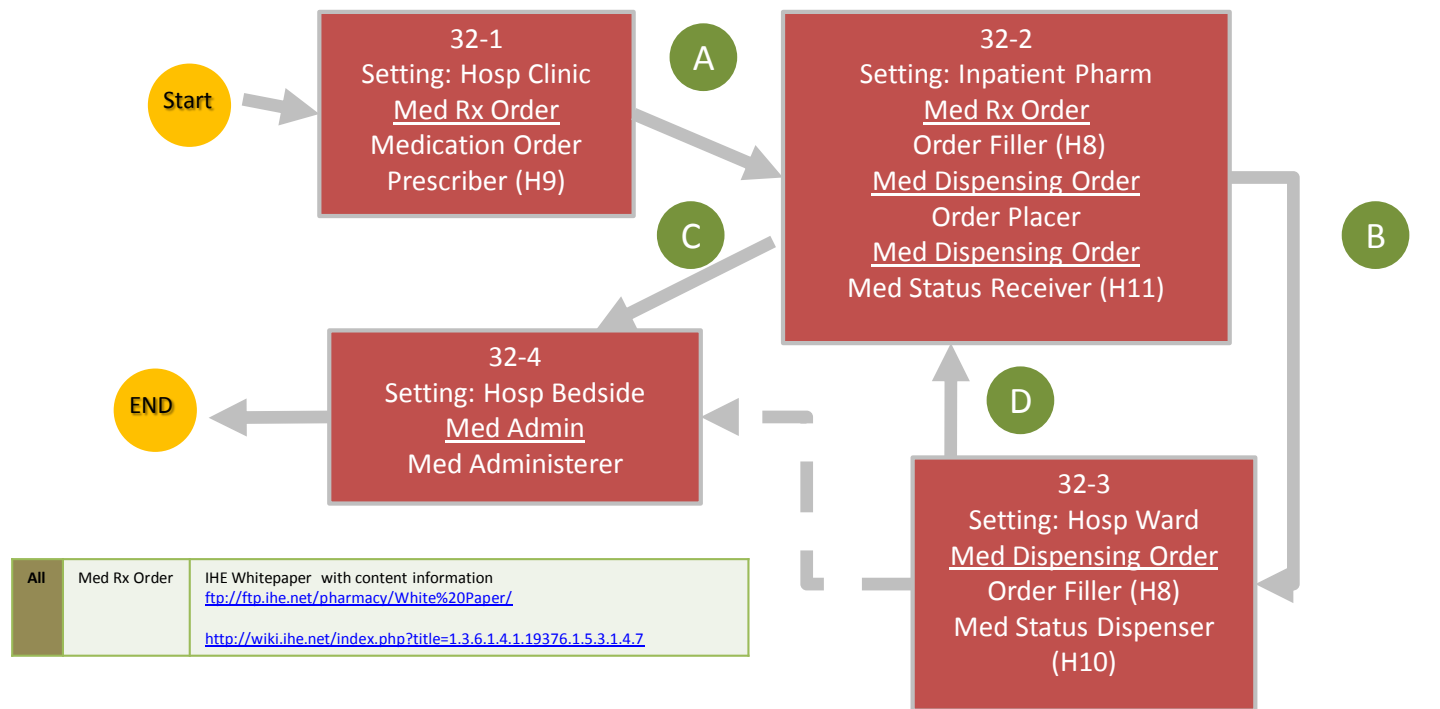
A	<p>AP* http://www.ihe.net/Technical_Framework/upload/IHE_PCC_Suppl_AntepartumProfiles_Rev1-1_TI_2010-08-30.pdf</p>
B	<p>RFD http://www.ihe.net/Technical_Framework/upload/IHE_ITI_Suppl_RFD_Rev2-1_TI_2010-08-10.pdf</p> <p>AP* http://www.ihe.net/Technical_Framework/upload/IHE_PCC_Suppl_AntepartumProfiles_Rev1-1_TI_2010-08-30.pdf</p> <p>MCH http://www.ihe.net/Technical_Framework/upload/IHE_QRPH_Mother_and_Child_Supplement_TI_2009-08-10.pdf</p>
C	<p>SVS - ftp://ftp.ihe.net/IT_Infrastructure/iheityr6-2008-2009/Technical_Cmte/TrialImplementationSupplements/PublishedVersions/IHE_ITI_TF_Supplement_Sharing_Value_Sets_SVS_TI_Draft_2008-08-22.pdf</p>

[To Matrices](#)

Use Case 32 – Medication Management in an Inpatient Setting

Meaningful Use: Improving Quality, Safety, Efficiency & Health Disparities

Description: This use case demonstrates the management of medication administration in an acute care or inpatient setting. It highlights the automated interaction of the multiple systems typically deployed in this care setting including the utilization of an automated dispensing system to ensure the safe and efficient distribution of the medication itself.



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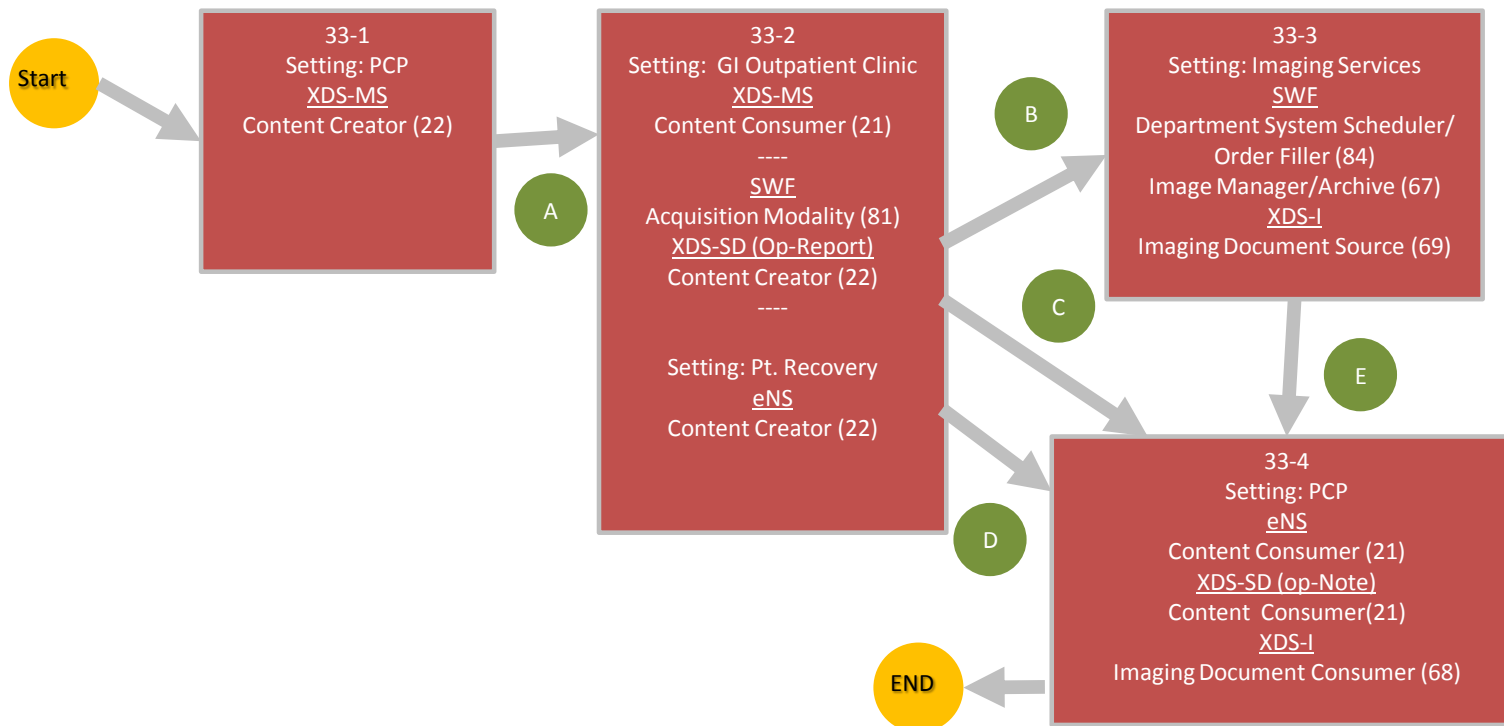
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Use Case 33 – Improving Care Follow-up After GI Endoscopy Procedure

Meaningful Use: Care Coordination

Description: This use case features a patient presenting at a GI Outpatient clinic for a XXXXX procedure. The patient's primary care physician forwards a referral medical summary to the GI specialist ahead of the procedure. During the procedure images are captured and forwarded to imaging services. Following the procedure an op-note and a nursing summary of the pt's recovery is shared with the pt's PCP along with the images from the procedure for effective follow-up care.



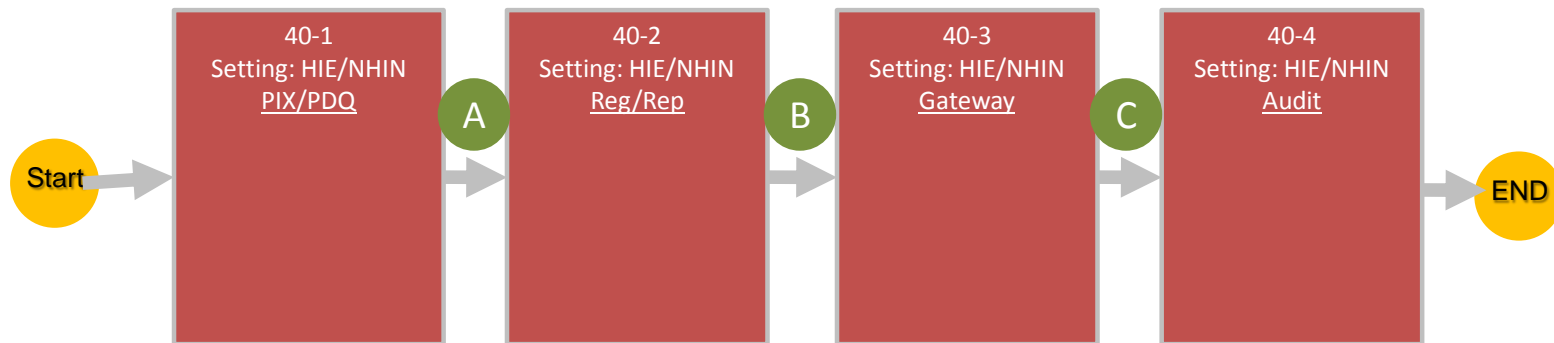
A	<p>XDS – MS (Referral Summary) - 6.3.1.3 Referral Summary Specification 1.3.6.1.4.1.19376.1.5.3.1.1.3 http://www.ihe.net/Technical_Framework/upload/IHE_PCC_TF_Rev6-0_Vol_2_2010-08-30.pdf - Page 40</p>
B	<p>eNS - http://www.ihe.net/Technical_Framework/upload/IHE_PCC_Suppl_ENS_Rev1-1_TI_2010-08-30.pdf Section 5 and 6 SWF - http://www.ihe.net/Technical_Framework/upload/ihe_tf_rev9-0ft_vol1_2008-06-27.pdf</p>
E	<p>eNS - http://www.ihe.net/Technical_Framework/upload/IHE_PCC_Suppl_ENS_Rev1-1_TI_2010-08-30.pdf Section 5 and 6</p>

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Use Case 40 – Infrastructure Services in an HIE

Meaningful Use: Care Coordination

Description: This scenario is a demonstration of HIE Core Services which takes you through these steps: Patient ID Management XDS, Repository, XDS Registry, XCA Gateway, Privacy Consent Repository, and Audit Repository.



Legend

A:
B:
C: