

Description

Century Hospital's LIS transmits an 'Application Acknowledgement' message to Dr Ernst's EHR-S which indicates the OML message has been accepted.

Comments

This is the initial "smoke testing" to reveal simple failures of the acknowledgment message severe enough to preclude further testing.

PreCondition

The OML message has been sent by the EHR-S

PostCondition

No Post Condition.

TestObjectives

- Minimally populated message.
- Demonstrate ability to process all required data elements for the application acknowledgement test case:
- Minimally populated MSH Segment - Demonstrate the capability to support the minimally required data elements in the MSH segment.
- Minimally populated MSA Segment - Demonstrate the capability to support the minimally required data elements in the MSA segment.
- Minimally populated PID Segment - Demonstrate the capability to support minimally required data elements in the PID segment.
- Minimally populated ORC Segment - Demonstrate the capability to support minimally required data elements in the ORC segment.
- Minimally populated OBR Segment - Demonstrate the capability to support minimally required data elements in the OBR segment.

Notes to Testers

No Notes.

Test Case Information

NIST-ORL_0.0_1.1-NG - Application Ack Accept to LOI_PT

Test Case ID	ORL_0.0_1.1-NG
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MSH

Location	Data Element	Data	Categorization
MSH.1	Field Separator		IG Fixed Data
MSH.2	Encoding Characters	~\&#	IG Fixed Data
MSH.4	Sending Facility		
MSH.4.1	Namespace ID	NIST Lab Facility	Configurable Data
MSH.7	Date/Time Of Message		
MSH.7.1	Time	20130219180035-0800	System Generated
MSH.9	Message Type		
MSH.9.1	Message Code	ORL	IG Fixed Data
MSH.9.2	Trigger Event	O22	IG Fixed Data
MSH.9.3	Message Structure	ORL_O22	IG Fixed Data
MSH.10	Message Control ID	NIST-ORL_0.0_1.1-NG	System Generated
MSH.11	Processing ID		
MSH.11.1	Processing ID	T	Changeable Data
MSH.12	Version ID		
MSH.12.1	Version ID	2.5.1	IG Fixed Data
MSH.15	Accept Acknowledgment Type	AL	IG Fixed Data
MSH.16	Application Acknowledgment Type	NE	IG Fixed Data
MSH.21	Message Profile Identifier		
MSH.21.1	Entity Identifier	LOI_NG_Response_Profile	Test Case Fixed Data
MSH.21.3	Universal ID	2.16.840.1.113883.9.93	Test Case Fixed Data
MSH.21.4	Universal ID Type	ISO	IG Fixed Data

MSA

Location	Data Element	Data	Categorization
MSA.1	Acknowledgement Code	AA	Changeable data
MSA.2	Message Control ID	LOI_0.0_1.1-GN	Changeable data

PID

Location	Data Element	Data	Categorization
PID.1	Set ID - PID	1	IG Fixed Data
PID.3	Patient Identifier List		
PID.3.1	ID Number	PATID1700	Configurable Data
PID.3.4	Assigning Authority		
PID.3.4.1	Namespace ID	NIST MPI	Configurable Data
PID.3.5	Identifier Type Code	MR	Changeable Data
PID.5	Patient Name		
PID.5.1	Family Name		
PID.5.1.1	Surname	Ramoz	Changeable Data
PID.5.7	Name Type Code	L	Changeable Data
PID.7	Date/Time of Birth		
PID.7.1	Date/Time	19331212	Changeable Data
PID.8	Administrative Sex	M	Changeable Data

ORC

Location	Data Element	Data	Categorization
ORC.1	Order Control	OK	Test Case Fixed Data
ORC.2	Placer Order Number		
ORC.2.1	Entity Identifier	ORD170	Changeable Data
ORC.2.2	Namespace ID	NIST EHR	Configurable Data

Location	Date/Time of Transaction	Data Element	Data	Categorization
ORC.9				
ORC.9.1	Time		201312121212	System Generated
ORC.12	Ordering Provider			
ORC.12.2	Family Name			
ORC.12.2.1	Surname		Radon	Changeable Data

OBR

Location	Data Element	Data	Categorization
OBR.1	Set ID - OBR	1	IG Fixed Data
OBR.2	Placer Order Number		
OBR.2.1	Entity Identifier	ORD170	Changeable Data
OBR.2.2	Namespace ID	NIST EHR	Configurable Data
OBR.4	Universal Service Identifier		
OBR.4.1	Identifier	10	Test Case Fixed Data
OBR.4.3	Name of Coding System	99USL	Test Case Fixed Data
OBR.16	Ordering Provider		
OBR.16.2	Family Name		
OBR.16.2.1	Surname	Radon	Changeable Data

Acknowledgment

Element	Data
Acknowledgment code	AA

Patient Information

Element	Data
Patient Name	Ramoz
Administrative Sex	Male
Date/Time of Birth	12/12/1933

Order

Ordering Provider

Element	Data
Provider Name	Radon

General order information

Element	Data
Placer Order Number	ORD170
Order Control	OK
Date/Time of Transaction	12/12/2013 12:12 PM

Order details

Element	Data
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Process an Acknowledgement					
Test Case ID	ORL_0.0_1.1-NG				
Juror ID					
Juror Name					
HIT System Tested					
Inspection Date/Time					
Inspection Settlement (Pass/Fail)	<table border="1"> <thead> <tr> <th>Pass</th> <th>Fail</th> </tr> </thead> <tbody> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </tbody> </table>	Pass	Fail	<input type="checkbox"/>	<input type="checkbox"/>
Pass	Fail				
<input type="checkbox"/>	<input type="checkbox"/>				
Reason Failed					
Juror Comments					

DISPLAY VERIFICATION

This Test Case-specific Juror Document provides a checklist for the Tester to use during certification testing for assessing the health information technology (HIT) module's ability to receive and process an ORL message related to laboratory order messaging in which NO Error is returned in the ORL message.

The exact wording and format of the display in the HIT module is not in-scope for this test.

Process an Acknowledgement
The receiving HIT module being tested shall process the ORL message correctly; a positive notification indicating that the ORL message was processed correctly <u>need not be made visible</u> in the module.

MSH|^~\&#||NIST Lab Facility||20130219180035-0800||ORL^O22^ORL_O22|NIST-ORL_0.0_1.1-NG|T|2.5.1||AL|NE||||LOI_NG_Response_Profile^^2.16.840.1.113883.9.93^ISO

MSA|AA|LOI_0.0_1.1-GN

PID|1||PATID1700^^^NIST MPI^MR||RamoZ^^^^^L||19331212|M

ORC|OK|ORD170^NIST EHR|||||201312121212|||^Radon

OBR|1|ORD170^NIST EHR||10^^99USL|||||||^Radon