

Description

Dr Radon's EHR-S transmits an accept acknowledgement message to Century Hospital's LIS which indicates the ORU message Prothrombin Time (PT + INR) test results has been successfully received.

Comments

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

PreCondition

No Pre-Condition.

PostCondition

The ACK_0.0_4.1-NG test message information is incorporated into the LIS system.

TestObjectives

- Minimally populated message.
- Demonstrate ability to import and incorporate all required data elements for the accept 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.

Notes to Testers

To support real-time dynamic testing, the Tester at their discretion, may selectively modify result acknowledgement data prior to importing the test message into the EHR technology.

Test Case Information

ACK_0.0_3.1-NG - PT System Acknowledgment to ORU message

Test Case ID	ACK_0.0_3.1-NG
--------------	----------------

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	Changeable Data
MSH.7	Date/Time Of Message		
MSH.7.1	Time	20150926140551	System Generated
MSH.9	Message Type		
MSH.9.1	Message Code	ACK	IG Fixed Data
MSH.9.2	Event Type	R01	IG Fixed Data
MSH.9.3	Message Structure	ACK	IG Fixed Data
MSH.10	Message Control ID	ACK_0.0_3.1-NG	System Generated
MSH.11	Processing ID		
MSH.11.1	Processing ID	D	Changeable Data
MSH.12	VersionID		
MSH.12.1	Version ID	2.5.1	IG Fixed Data
MSH.15	Accept Acknowledgment Type	NE	Changeable Data
MSH.16	Application Acknowledgment Type	NE	IG Fixed Data
MSH.21	Message Profile Identifier		
MSH.21.1	Entity Identifier	LRI_NG_Response_Profile ID	Test Case Fixed Data
MSH.21.3	Universal ID	2.16.840.1.113883.9.27	Test Case Fixed Data
MSH.21.4	Universal ID Type	ISO	IG Fixed Data

MSA

Location	Data Element	Data	Categorization
MSA.1	Acknowledgement Code	CA	Test Case Fixed Data
MSA.2	Message Control ID	LRI_0.0_1.1-NG	Test Case Fixed Data

Information

Element

Data

This information will be automatically supplied by the System.

HL7 v2.5 ORU^R01^ORU_R01 Message: Incorporation of Laboratory Results

Test Case ID	ACK_0.0_3.1-NG				
Juror ID					
Juror Name					
HIT System Tested					
Inspection Date/Time					
Inspection Settlement (Pass/Fail)	<table border="1"><tr><td>Pass</td><td>Fail</td></tr><tr><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr></table>	Pass	Fail	<input type="checkbox"/>	<input type="checkbox"/>
Pass	Fail				
<input type="checkbox"/>	<input type="checkbox"/>				
Reason Failed					
Juror Comments					

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

The exact wording and format of the display in the health information technology (HIT) is not in-scope for this test.

Process an Acknowledgement

The receiving HIT system being tested shall process the ACK message correctly; a positive notification indicating that the ACK message was processed correctly need not be made visible in the system.

MSH|^~\&#||NIST Lab Facility|||20150926140551||ACK^R01^ACK|ACK_0.0_3.1-NG|D|2.5.1|||NE|NE|LRI_NG_Response_Profile I
D^^2.16.840.1.113883.9.27^ISO

MSA|CA|LRI_0.0_1.1-NG