

#### Description

Century Hospital's LIS transmits an accept acknowledgement message to Dr Radon's EHR-S which indicates the Application Acknowledgement message 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

Patient information is pre-loaded in the EHR-S.  
No other Pre-Condition.

#### PostCondition

No Post-Condition.

#### 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\_5.1-NG - PT System Acknowledgment to application ACK message

Test Case ID

ACK\_0.0\_5.1-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.4.2	Universal ID	2.16.840.1.113883.3.72.5.21	Configurable Data
MSH.4.3	Universal ID Type	ISO	IG Fixed 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	ACK	IG Fixed Data
MSH.9.3	Message Structure	ACK	IG Fixed Data
MSH.10	Message Control ID	ACK_0.0_5.1-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	ACK_0.0_4.1-NG	Test Case Fixed Data

**Patient Information**

Element	Data
This information will be automatically supplied by the System	

**HL7 v2.5 ORU^R01^ORU\_R01 Message: Incorporation of Laboratory Results**

<b>Test Case ID</b>	ACK_0.0_5.1-NG					
<b>Juror ID</b>						
<b>Juror Name</b>						
<b>HIT System Tested</b>						
<b>Inspection Date/Time</b>						
<b>Inspection Settlement (Pass/Fail)</b>	<table border="1"><tr><td><b>Pass</b></td><td><b>Fail</b></td></tr><tr><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr></table>	<b>Pass</b>	<b>Fail</b>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>Pass</b>	<b>Fail</b>					
<input type="checkbox"/>	<input type="checkbox"/>					
<b>Reason Failed</b>						
<b>Juror Comments</b>						

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|^~\&#|^2.16.840.1.113883.3.72.5.21^ISO|||20150926140551||ACK^ACK^ACK|ACK\_0.0\_5.1-  
NG|D|2.5.1|||NE|NE||||LRI\_NG\_Res  
ponse\_Profile ID^^2.16.840.1.113883.9.27^ISO  
MSA|CA|ACK\_0.0\_4.1-NG