

#### Description

Mr. William A. Jones is a 51 year old white male who presented with pain, swelling, and redness in several joints including his elbows, wrists, knees, and hips on March 31, 2011 at 2:05 PM PST. In order to screen for rheumatoid diseases, Dr. Nicholas Radon ordered an erythrocyte sedimentation rate (ESR or Sed Rate) blood test using the GoodHealth Clinic's EHR system, specifying that the laboratory's patient service center was to draw the blood specimen from the patient who was scheduled to arrive at 3:00 PM PST. Dr Radon also requests that the results be CC'd to Dr Pafford M. Hamlin Sr, a specialist to which he is referring Mr Jones as well as Dr. Daniel Davison who is Mr Jones' regular doctor.

After further consultation with the patient, Dr Radon decides to cancel this test and continue to monitor the patient for further signs and symptoms. The cancellation request is ordered through Dr Radon's EHR and the patient is instructed that there is no need to have a blood sample taken at this time.

#### Comments

This test case is evaluating the proper use of the OML^O21^OML\_O21: Laboratory Order Message - Cancel Order

#### PreCondition

'LOI\_1.0\_1.1-GU' (Sed\_Rate\_Initial) has been ordered.

#### PostCondition

No Post Condition.

#### TestObjectives

- Demonstrate the capability to create a Cancel order OML message when the order is cancelled by the Ordering Provider

#### Notes to Testers

Upon receiving a Laboratory Order Cancellation Request, the laboratory staff determine they are able to cancel the order and either a Confirmation for Order Cancel Notification Message (ORL^O22^ORL\_O22) or a LRI Result message may be sent by the Laboratory's Information System. These transaction are not being tested a part of this test scenario.

## Test Case Information

## NIST-LOI\_1.0\_2.1-GU\_CP - Sed\_Rate

Test Case ID

LOI\_1.0\_2.1-GU\_CP

## MSH

Location	Data Element	Data	Categorization
<b>MSH.1</b>	<b>Field Separator</b>		IG Fixed Data
<b>MSH.2</b>	<b>Encoding Characters</b>	^~&#	IG Fixed Data
<b>MSH.3</b>	<b>Sending Application</b>		
MSH.3.1	Namespace ID	NIST EHR	Configurable Data
MSH.3.2	Universal ID	2.16.840.1.113883.3.72.5.22	Configurable Data
MSH.3.3	Universal ID Type	ISO	IG Fixed Data
<b>MSH.4</b>	<b>Sending Facility</b>		
MSH.4.1	Namespace ID	NIST EHR Facility	Configurable Data
MSH.4.2	Universal ID	2.16.840.1.113883.3.72.5.23	Configurable Data
MSH.4.3	Universal ID Type	ISO	IG Fixed Data
<b>MSH.5</b>	<b>Receiving Application</b>		
MSH.5.1	Namespace ID	NIST Test Lab APP	Configurable Data
MSH.5.2	Universal ID	2.16.840.1.113883.3.72.5.20	Configurable Data
MSH.5.3	Universal ID Type	ISO	IG Fixed Data
<b>MSH.6</b>	<b>Receiving Facility</b>		
MSH.6.1	Namespace ID	NIST Lab Facility	Configurable Data
MSH.6.2	Universal ID	2.16.840.1.113883.3.72.5.21	Configurable Data
MSH.6.3	Universal ID Type	ISO	IG Fixed Data
<b>MSH.7</b>	<b>Date/Time Of Message</b>		
MSH.7.1	Time	20130211184101-0500	System Generated
<b>MSH.9</b>	<b>Message Type</b>		
MSH.9.1	Message Code	OML	IG Fixed Data
MSH.9.2	Trigger Event	O21	IG Fixed Data
MSH.9.3	Message Structure	OML_O21	IG Fixed Data
<b>MSH.10</b>	<b>Message Control ID</b>	NIST-LOI_1.0_2.1-GU_CP	System Generated
<b>MSH.11</b>	<b>Processing ID</b>		
MSH.11.1	Processing ID	T	Changeable Data
<b>MSH.12</b>	<b>Version ID</b>		
MSH.12.1	Version ID	2.5.1	IG Fixed Data
<b>MSH.15</b>	<b>Accept Acknowledgment Type</b>	AL	IG Fixed Data
<b>MSH.16</b>	<b>Application Acknowledgment Type</b>	AL	Changeable Data
<b>MSH.21</b>	<b>Message Profile Identifier</b>		
MSH.21.1	Entity Identifier	LOI_Common_Component	Test Case Fixed Data
MSH.21.2	Namespace ID	LOI Base Profile	Changeable Data
MSH.21.3	Universal ID	2.16.840.1.113883.9.66	Test Case Fixed Data
MSH.21.4	Universal ID Type	ISO	IG Fixed Data
<b>MSH.21[2]</b>	<b>Message Profile Identifier</b>		
MSH.21[2].1	Entity Identifier	LOI_GU_Component	Test Case Fixed Data
MSH.21[2].2	Namespace ID	LOI GU Profile	Changeable Data
MSH.21[2].3	Universal ID	2.16.840.1.113883.9.78	Test Case Fixed Data
MSH.21[2].4	Universal ID Type	ISO	IG Fixed Data
<b>MSH.21[3]</b>	<b>Message Profile Identifier</b>		
MSH.21[3].1	Entity Identifier	LAB_PRU_Component	Test Case Fixed Data
MSH.21[3].2	Namespace ID	LOI PRU Profile	Changeable Data
MSH.21[3].3	Universal ID	2.16.840.1.113883.9.82	Test Case Fixed Data
MSH.21[3].4	Universal ID Type	ISO	IG Fixed Data

## PID

Location	Data Element	Data	Categorization
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PID.1 Location	Set ID - PID Data Element	1 Data	IG Fixed Data Categorization
<b>PID.3</b>	<b>Patient Identifier List</b>		
PID.3.1	ID Number	PATID1234	Configurable Data
PID.3.4	Assigning Authority		
PID.3.4.1	Namespace ID	NIST MPI	Configurable Data
PID.3.4.2	Universal ID	2.16.840.1.113883.3.72.5.30.2	Configurable Data
PID.3.4.3	Universal ID Type	ISO	IG Fixed Data
PID.3.5	Identifier Type Code	MR	Changeable Data
<b>PID.5</b>	<b>Patient Name</b>		
PID.5.1	Family Name		
PID.5.1.1	Surname	Jones	Changeable Data
PID.5.2	Given Name	William	Changeable Data
PID.5.3	Second and Further Given Names or Initials Thereof	A	Changeable Data
PID.5.4	Suffix (e.g., JR or III)	JR	Changeable Data
PID.5.7	Name Type Code	L	Changeable Data
<b>PID.7</b>	<b>Date/Time of Birth</b>		
PID.7.1	Date/Time	19610615	Changeable Data
<b>PID.8</b>	<b>Administrative Sex</b>	M	Changeable Data
<b>PID.10</b>	<b>Race</b>		
PID.10.1	Identifier	2106-3	Changeable Data
PID.10.2	Text	White	Changeable Data
PID.10.3	Name of Coding System	HL70005	IG Fixed Data
<b>PID.11</b>	<b>Patient Address</b>		
PID.11.1	Street Address		
PID.11.1.1	Street or Mailing Address	2100 Kennwood Ave	Changeable Data
PID.11.2	Other Designation	Apt 41	Changeable Data
PID.11.3	City	Los Angeles	Changeable Data
PID.11.4	State or Province	CA	Changeable Data
PID.11.5	Zip or Postal Code	90067	Changeable Data
PID.11.7	Address Type	H	Test Case Fixed Data

#### ORC

Location	Data Element	Data	Categorization
<b>ORC.1</b>	<b>Order Control</b>	CA	Test Case Fixed Data
<b>ORC.2</b>	<b>Placer Order Number</b>		
ORC.2.1	Entity Identifier	ORD10	Changeable Data
ORC.2.2	Namespace ID	NIST EHR	Configurable Data
ORC.2.3	Universal ID	2.16.840.1.113883.3.72.5.24	Configurable Data
ORC.2.4	Universal ID Type	ISO	IG Fixed Data
<b>ORC.4</b>	<b>Placer Group Number</b>		
ORC.4.1	Entity Identifier	GORD874211	Changeable Data
ORC.4.2	Namespace ID	NIST EHR	Configurable Data
ORC.4.3	Universal ID	2.16.840.1.113883.3.72.5.24	Configurable Data
ORC.4.4	Universal ID Type	ISO	IG Fixed Data
<b>ORC.9</b>	<b>Date/Time of Transaction</b>		
ORC.9.1	Time	201103311630	System Generated
<b>ORC.12</b>	<b>Ordering Provider</b>		
ORC.12.1	ID Number	5742200012	Changeable Data
ORC.12.2	Family Name		
ORC.12.2.1	Surname	Radon	Changeable Data
ORC.12.3	Given Name	Nicholas	Changeable Data
ORC.12.9	Assigning Authority		
ORC.12.9.1	Namespace ID	NPI	Configurable Data
ORC.12.9.2	Universal ID	2.16.840.1.113883.4.6	Configurable Data
ORC.12.9.3	Universal ID Type	ISO	IG Fixed Data
ORC.12.10	Name Type Code	L	Changeable Data

ORC.12.13	Identifier Type Code	NPI	Changeable Data
Location	Data Element	Data	Categorization

  

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	ORD10	Changeable Data
OBR.2.2	Namespace ID	NIST EHR	Configurable Data
OBR.2.3	Universal ID	2.16.840.1.113883.3.72.5.24	Configurable Data
OBR.2.4	Universal ID Type	ISO	IG Fixed Data
OBR.4	Universal Service Identifier		
OBR.4.1	Identifier	500	Test Case Fixed Data
OBR.4.2	Text	Erythrocyte sedimentation rate	Changeable Data
OBR.4.3	Name of Coding System	99USL	Test Case Fixed Data
OBR.4.4	Alternate Identifier	30341-2	Test Case Fixed Data
OBR.4.5	Alternate Text	Erythrocyte sedimentation rate	Changeable Data
OBR.4.6	Name of Alternate Coding System	LN	Changeable Data
OBR.4.7	Coding System Version ID	20130421	Changeable Data
OBR.16	Ordering Provider		
OBR.16.1	ID Number	5742200012	Changeable Data
OBR.16.2	Family Name		
OBR.16.2.1	Surname	Radon	Changeable Data
OBR.16.3	Given Name	Nicholas	Changeable Data
OBR.16.9	Assigning Authority		
OBR.16.9.1	Namespace ID	NPI	Configurable Data
OBR.16.9.2	Universal ID	2.16.840.1.113883.4.6	Configurable Data
OBR.16.9.3	Universal ID Type	ISO	IG Fixed Data
OBR.16.10	Name Type Code	L	Changeable Data
OBR.16.13	Identifier Type Code	NPI	Changeable Data

  

NTE			
Location	Data Element	Data	Categorization
NTE.1	Set ID - NTE	1	IG Fixed Data
NTE.3	Comment	Cancel Order Request	Changeable Data

**Patient Information**

Element	Data
Patient Name	William A Jones JR
Administrative Sex	Male
Date/Time of Birth	06/15/1961
Patient Address	2100 Kennwood Ave Apt 41 Los Angeles CA 90067
Race	White

**Order****Ordering Provider**

Element	Data
Provider Name	Nicholas Radon
Provider NPI identifier	5742200012

**General order information**

Element	Data
Placer Order Number	ORD10
Placer Group Number	GORD874211
Order Control	CA
Date/Time of Transaction	03/31/2011 04:30 PM

**Order details**

Element	Data
Universal Service Identifier	Erythrocyte sedimentation rate

**Notes & comments**

Element	Data
Comments	Cancel Order Request

MSH|^~&#|NIST EHR^2.16.840.1.113883.3.72.5.22^ISO|NIST EHR Facility^2.16.840.1.113883.3.72.5.23^ISO|NIST Test Lab APP^2.16.840.1.113883.3.72.5.20^ISO|NIST Lab Facility^2.16.840.1.113883.3.72.5.21^ISO|20130211184101-0500||OML^O21^OML\_O21|NIST-LOI\_1.0\_2.1-GU\_CP|T|2.5.1|||AL|AL|||LOI\_Common\_Component^LOI Base Profile^2.16.840.1.113883.9.66^ISO~LOI\_GU\_Component^LOI GU Profile^2.16.840.1.113883.9.78^ISO~LAB\_PRU\_Component^LOI PRU Profile^2.16.840.1.113883.9.82^ISO

PID|1||PATID1234^^^NIST MPI&2.16.840.1.113883.3.72.5.30.2&ISO^MR||Jones^William^A^JR^^^L||19610615|M||2106-3^White^HL70005|2100 Kennwood Ave^Apt 41^Los Angeles^CA^90067^^H

ORC|CA|ORD10^NIST EHR^2.16.840.1.113883.3.72.5.24^ISO||GORD874211^NIST EHR^2.16.840.1.113883.3.72.5.24^ISO||||201103311630||5742200012^Radon^Nicholas^^^^^^NPI&2.16.840.1.113883.4.6&ISO^L^^^NPI

OBR|1|ORD10^NIST EHR^2.16.840.1.113883.3.72.5.24^ISO||500^Erythrocyte sedimentation rate^99USL^30341-2^Erythrocyte sedimentation rate^LN^20130421||||||5742200012^Radon^Nicholas^^^^^^NPI&2.16.840.1.113883.4.6&ISO^L^^^NPI

NTE|1||Cancel Order Request