

#### Description

Mr. Hector Ramos is a 81 year old Hispanic male who is on warfarin therapy. Mr Ramos presents to Good Health Clinic to see Dr. Radon for a routine check up. The doctor orders a Prothrombin Time (PT + INR) test using the clinic's EHR system and instructs Mr Ramos to go to the laboratory's patient service center to have the blood sample collected.

#### Comments

This is the "smoke test" - testing basic functionality and support for all Required elements per the LOI IG to reveal simple failures severe enough to preclude further testing.

#### PreCondition

No Pre Condition.

#### PostCondition

No Post Condition.

#### TestObjectives

- Minimally populated message.
- Demonstrate ability to generate a base LOI OML message, populating all the all required data elements for the test case.
- Minimally populated MSH Segment - Demonstrate the capability to support minimally required data elements in the MSH 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.
- Minimally populated DG1 Segment - Demonstrate the capability to support minimally required data elements in the DG1 segment.

#### Notes to Testers

No Notes

## Test Case Information

## NIST-LOI\_0.0\_1.1-GU - PT

Test Case ID

LOI\_0.0\_1.1-GU

## 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	2.16.840.1.113883.3.72.5.23	Configurable Data
MSH.4.3	Universal ID Type	ISO	IG Fixed Data
MSH.7	Date/Time Of Message		
MSH.7.1	Time	20130314120000-0500	System Generated
MSH.9	Message Type		
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
MSH.10	Message Control ID	NIST-LOI_0.0_1.1-GU	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	AL	Changeable Data
MSH.21	Message Profile Identifier		
MSH.21.1	Entity Identifier	LOI_GU_PRU_Profile	Test Case Fixed Data
MSH.21.3	Universal ID	2.16.840.1.113883.9.85	Test Case Fixed Data
MSH.21.4	Universal ID Type	ISO	IG Fixed 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.3.4.2	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
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	NW	Test Case Fixed Data
ORC.2	Placer Order Number		
ORC.2.1	Entity Identifier	ORD170	Changeable 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
ORC.9	Date/Time of Transaction		
ORC.9.1	Time	201312121212	System Generated

Location	Ordering Provider	Data Element	Data	Categorization
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.2.3	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	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

#### DG1

Location	Data Element	Data	Categorization
DG1.1	Set ID - DG1	1	IG Fixed Data
DG1.3	Diagnosis Code - DG1		
DG1.3.1	Identifier	I48.2	Test Case Fixed Data
DG1.3.2	Text	chronic atrial fibrillation	Changeable Data
DG1.3.3	Name of Coding System	I10C	Test Case Fixed Data
DG1.6	Diagnosis Type	F	Changeable Data
DG1.15	Diagnosis Priority	1	Changeable Data

**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	NW
Date/Time of Transaction	12/12/2013 12:12 PM

**Order details**

Element	Data
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**Diagnosis information**

Element	Data
Priority	1
Diagnosis ICD-10CM Code	I48.2
Diagnosis type	F

MSH|^~\&#|^2.16.840.1.113883.3.72.5.23^ISO|||20130314120000-0500||OML^O21^OML\_O21|NIST-LOI\_0.0\_1.1-  
GU|T2.5.1|||AL|AL|  
|||LOI\_GU\_PRU\_Profile^^2.16.840.1.113883.9.85^ISO  
  
PID|1||PATID1700^^&2.16.840.1.113883.3.72.5.30.2&ISO^MR||RamoZ^^^^^L||19331212|M  
  
ORC|NW|ORD170^^2.16.840.1.113883.3.72.5.24^ISO|||||201312121212|||^Radon  
  
OBR|1|ORD170^^2.16.840.1.113883.3.72.5.24^ISO||10^^99USL|||||||^Radon  
  
DG1|1||I48.2^chronic atrial fibrillation^I10C|||F||||||1