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-NG - PT	
Test Case ID	LOI_0.0_1.1-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 EHR Facility	Configurable 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-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**	AL	Changeable Data
MSH.21	**Message Profile Identifier**		
MSH.21.1	Entity Identifier	LOI_NG_PRU_PROFILE	Test Case Fixed Data
MSH.21.3	Universal ID	2.16.840.1.113883.9.87	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.3.4.1	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**	NW	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
ORC.9	**Date/Time of Transaction**		
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

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

Diagnosis information

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

MSH|^~\&#||NIST EHR Facility|||20130314120000-0500||OML^O21^OML_O21|NIST-LOI_0.0_1.1-NG|T|2.5.1|||AL|AL|||||LOI_NG_PRU_PROFILE^^2.16.840.1.113883.9.87^ISO

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

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

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

DG1|1||I48.2^chronic atrial fibrillation^I10C|||F|||||||||1