Description

The initial Laboratory Test Compendium built by Century Hospital Clinical Laboratory consists of a single Prothrombin Time panel (""PT +INR""). This compendium is delivered electronically to Dr. Nicholas Radon's practice EHR, as agreed to between Laboratory and Dr. Radon's Office and EHR-S Vendor. The EHR-S will integrate the eDOS into its test directory and use it to allow Dr. Radon to place orders electronically to Century Hospital's Clinical Laboratory. The initial laboratory test compendium is composed of four messages.

Century Hospital's LIS transmit the first message which provides information about the PT and INR observations.

Comments

This is the initial "smoke testing" to reveal simple failures severe enough to preclude further testing. Initial upload of 2 individual observations for a new compendium.

Since this is a replace message, all data in this message will replace information from a previous eDOS M08 message.

PreCondition

No Pre-Condition.

PostCondition

No Post-Condition.

TestObjectives

- Demonstrate capability to support a minimal M08 initial load message.
- Demonstrate capability to support a single occurrence of all required ("R") elements in the MSH segment.
- Demonstrate capability to support a single occurrence of all required ("R") elements in the MFI segment.
- Demonstrate capability to support a single occurrence of all required ("R") elements in the MFE segment.
- Demonstrate capability to support a single occurrence of all required ("R") elements in the OM1 segment.

Test Case Information

EDOS_0.0_1.1-M08_GU - M08_New_Smoke_Test	
Test Case ID	EDOS_0.0_1.1-M08_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	2.16.840.1.113883.3.72.5.21	Configurable Data
MSH.4.3	Universal ID Type	ISO	IG Fixed Data
MSH.7	**Date/Time Of Message**		
MSH.7.1	Time	20130421113601-0700	System Generated
MSH.9	**Message Type**		
MSH.9.1	Message Code	MFN	IG Fixed Data
MSH.9.2	Trigger Event	M08	IG Fixed Data
MSH.9.3	Message Structure	MFN_M08	IG Fixed Data
MSH.10	**Message Control ID**	EDOS_0.0_1.1-M08_GU	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.21	**Message Profile Identifier**		
MSH.21.1	Entity Identifier	EDOS_GU_Profile	Test Case Fixed Data
MSH.21.3	Universal ID	2.16.840.1.113883.9.70	Test Case Fixed Data
MSH.21.4	Universal ID Type	ISO	IG Fixed Data

MFI

Location	Data Element	Data	Categorization
MFI.1	**Master File Identifier**		
MFI.1.1	Identifier	OMM	IG Fixed Data
MFI.1.3	Name of Coding System	HL70175	IG Fixed Data
MFI.3	**File-Level Event Code**	REP	Test Case Fixed Data
MFI.6	**Response Level Code**	NE	IG Fixed Data

MFE

Location	Data Element	Data	Categorization
MFE.1	**Record-Level Event Code**	MAD	Test Case Fixed Data
MFE.3	**Effective Date/Time**		
MFE.3.1	Time	20131219145310	System Generated
MFE.4	**Primary Key Value - MFE**		
MFE.4.1	Identifier	11	Changeable Data
MFE.4.2	Text	Prothrombin Time, PT	Changeable Data
MFE.4.3	Name of Coding System	99USL	Changeable Data
MFE.5	**Primary Key Value Type**	CWE	IG Fixed Data

OM1

Location	Data Element	Data	Categorization
OM1.1	**Sequence Number - Test/Observation Master File**	1	IG Fixed Data
OM1.2	**Producer's Service/Test/Observation ID**		
OM1.2.1	Identifier	11	Changeable Data
OM1.2.2	Text	Prothrombin Time, PT	Changeable Data
OM1.2.3	Name of Coding System	99USL	Changeable Data
OM1.4	**Specimen Required**	Y	Changeable Data

OM1 Location	Producer ID Data Element	Data	Categorization
OM1.5.2	Text	Century Hospital Clinical Laboratory	Changeable Data
OM1.11	**Preferred Long Name for the Observation**	Prothrombin Time	Changeable Data
OM1.12	**Orderability**	N	Test Case Fixed Data
OM1.18	**Nature of Service/Test/Observation**	A	Test Case Fixed Data

— MFE —

Location	Data Element	Data	Categorization
MFE.1	**Record-Level Event Code**	MAD	Test Case Fixed Data
MFE.3	**Effective Date/Time**		
MFE.3.1	Time	20131219145310	System Generated
MFE.4	**Primary Key Value - MFE**		
MFE.4.1	Identifier	12	Changeable Data
MFE.4.2	Text	INR	Changeable Data
MFE.4.3	Name of Coding System	99USL	Changeable Data
MFE.5	**Primary Key Value Type**	CWE	IG Fixed Data

— OM1 —

Location	Data Element	Data	Categorization
OM1.1	**Sequence Number - Test/Observation Master File**	2	IG Fixed Data
OM1.2	**Producer's Service/Test/Observation ID**		
OM1.2.1	Identifier	12	Changeable Data
OM1.2.2	Text	INR	Changeable Data
OM1.2.3	Name of Coding System	99USL	Changeable Data
OM1.4	**Specimen Required**	N	Changeable Data
OM1.5	**Producer ID**		
OM1.5.2	Text	Century Hospital Clinical Laboratory	Changeable Data
OM1.11	**Preferred Long Name for the Observation**	International Normalized Ratio	Changeable Data
OM1.12	**Orderability**	N	Test Case Fixed Data
OM1.18	**Nature of Service/Test/Observation**	C	Test Case Fixed Data

Element	Data
Identifier	OMM
Event code	REP

Test Details - Prothrombin Time, PT

Record information

Element	Data
Event code	MAD
Effective date and time	20131219145310
Test/Panel Name	Prothrombin Time, PT
Test/Panel identifier (code system)	11 (99USL)

General information

Element	Data
Specimen required ?	Y
Preferred Long Name	Prothrombin Time
Is the test/panel orderable ?	N
Nature	A

Test Details - INR

Record information

Element	Data
Event code	MAD
Effective date and time	20131219145310
Test/Panel Name	INR
Test/Panel identifier (code system)	12 (99USL)

General information

Element	Data
Specimen required ?	N
Preferred Long Name	International Normalized Ratio
Is the test/panel orderable ?	N
Nature	C

MSH|^~\&||^2.16.840.1.113883.3.72.5.21^ISO|||20130421113601-0700||MFN^M08^MFN_M08|EDOS_0.0_1.1-M08_GU|D|2.5.1|||||||||EDOS_GU_Profile^^2.16.840.1.113883.9.70^ISO

MFI|OMM^^HL70175||REP|||NE

MFE|MAD||20131219145310|11^Prothrombin Time, PT^99USL|CWE

OM1|1|11^Prothrombin Time, PT^99USL||Y|^Century Hospital Clinical Laboratory||||||Prothrombin Time|N||||||A

MFE|MAD||20131219145310|12^INR^99USL|CWE

OM1|2|12^INR^99USL||N|^Century Hospital Clinical Laboratory||||||International Normalized Ratio|N||||||C