NIST HL7 V2 Validation Tool Test Data

Electronic Directory Of Service (eDOS)

Version 1.0

13th March, 2015

eDOS Test Case EDOS_2.5_3.1-M04_NG

M04_Update_revise_postCombo

Test Story

Description

The originator of the eDOS is the Century Hospital Clinical Laboratory located at 2070 Test Park, Los Angeles, CA, 90067, CLIA: 24D9871327 , phone number: (310) 461-3666.
The Sender is the Century Hospital Clinical Laboratory LIS.
The Receiver is Dr. Radon's Office EHR.

The Laboratory Test Compendium from Century Hospital Clinical Laboratory is a subset of their Directory of Services. It based upon the most commonly ordered lab tests by Dr. Radon. This compendium is being used by Dr. Nicholas Radon's practice EHR to place orders electronically to Century Hospital's Clinical Laboratory. Century Hospital's has revised the Lipid panel and made its components orderable.
Century Hospital's LIS transmits the appropriate eDOS update message to revise this information in Dr. Radon's EHR.

Comments

Update message to change a charge component that was part of a previous update of the compendium. This update adds a CPT charge code for an newly orderable individual Lipid panel component.

PreCondition

EDOS_1.0_1.1-M08_New
and
EDOS_1.0_2.1-M10_New
and
EDOS_1.0_3.1-M04_New
and
EDOS_2.4_1.1-M08_Update_combo
and
EDOS_2.4_2.1-M10_Update_combo
and
EDOS_2.4_3.1-M04_Update_combo
and
EDOS_2.5_1.1-M08_Update_revise_postCombo
and
EDOS_2.5_2.1-M10_Update_revise_postCombo
have been completed.

PostCondition

No Post-Conditions.

TestObjectives

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- Demonstrate capability to support a M04 update message- action: subsequent update to information previously sent via an update message.

Notes to Testers

No Notes.

Message Content Data Sheet

Test Case Information

EDOS_2.5_3.1-M04-NG - M04_Update_revise_postCombo	
Test Case ID	EDOS_2.5_3.1-M04_NG

MSH :

Location	Data Element	Data	Categorization
MSH.1	Field Separator			IG Fixed Data
MSH.2	Encoding Characters	^~\&#	IG Fixed Data
MSH.3	Sending Application		
MSH.3.1	Namespace ID	NIST Test Lab APP	Configurable Data
MSH.4	Sending Facility		
MSH.4.1	Namespace ID	NIST Lab Facility	Configurable Data
MSH.6	Receiving Facility		
MSH.6.1	Namespace ID	NIST EHR Facility	Configurable 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	M04	IG Fixed Data
MSH.9.3	Message Structure	MFN_M04	IG Fixed Data
MSH.10	Message Control ID	EDOS_2.5_3.1-M04-NG	System Generated
MSH.11	Processing ID		
MSH.11.1	Processing ID	T	Changeable Data
MSH.12	VersionID		
MSH.12.1	Version ID	2.5.1	IG Fixed Data
MSH.15	Accept Acknowledgment Type	AL	Changeable Data
MSH.16	Application Acknowledgment Type	NE	Changeable Data
MSH.21[1]	Message Profile Identifier		
MSH.21[1].1	Entity Identifier	EDOS_Common_Component	Test Case Fixed Data
MSH.21[1].2	Namespace ID	EDOS Base Profile	Changeable Data
MSH.21[1].3	Universal ID	2.16.840.1.113883.9.67	Test Case Fixed Data
MSH.21[1].4	Universal ID Type	ISO	IG Fixed Data

MSH.21[2]	Message Profile Identifier		
MSH.21[2].1	Entity Identifier	EDOS_NG_Component	Test Case Fixed Data
MSH.21[2].2	Namespace ID	EDOS NG Profile	Changeable Data
MSH.21[2].3	Universal ID	2.16.840.1.113883.9.69	Test Case Fixed Data
MSH.21[2].4	Universal ID Type	ISO	IG Fixed Data

MFI :

Location	Data Element	Data	Categorization
MFI.1	Master File Identifier		
MFI.1.1	Identifier	CDM	IG Fixed Data
MFI.1.2	Text	Charge description master file	Changeable Data
MFI.1.3	Name of Coding System	HL70175	IG Fixed Data
MFI.1.7	Coding System Version ID	2.5.1	Test Case Fixed Data
MFI.3	File-Level Event Code	UPD	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	402	Changeable Data
MFE.4.2	Text	Cholesterol (total), serum	Changeable Data
MFE.4.3	Name of Coding System	99USI	Changeable Data
MFE.4.7	Coding System Version ID	20130421	Changeable Data
MFE.5	Primary Key Value Type	CWE	IG Fixed Data

CDM :

Location	Data Element	Data	Categorization
CDM.1	Primary Key Value - CDM		
CDM.1.1	Identifier	402	Test Case Fixed Data
CDM.1.2	Text	Cholesterol (total), serum	Changeable Data
CDM.1.3	Name of Coding System	99USI	Changeable Data

CDM.1.7	Coding System Version ID	20130421	Changeable Data
CDM.3	**Charge Description Short**	Cholesterol (total), serum	Changeable Data
CDM.7[1]	**Procedure Code**		
CDM.7[1].1	Identifier	82465	Changeable Data
CDM.7[1].2	Text	cholesterol, serum or whole blood, total	Changeable Data
CDM.7[1].3	Name of Coding System	C4	IG Fixed Data
CDM.7[1].7	Coding System Version ID	19.2	Changeable 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	404	Changeable Data
MFE.4.2	Text	High density lipoprotein cholesterol, serum (HDL)	Changeable Data
MFE.4.3	Name of Coding System	99USI	Changeable Data
MFE.4.7	Coding System Version ID	20130421	Changeable Data
MFE.5	**Primary Key Value Type**	CWE	IG Fixed Data

CDM :

Location	Data Element	Data	Categorization
CDM.1	**Primary Key Value - CDM**		
CDM.1.1	Identifier	404	Test Case Fixed Data
CDM.1.2	Text	High density lipoprotein cholesterol, serum (HDL)	Changeable Data
CDM.1.3	Name of Coding System	99USI	Changeable Data
CDM.1.7	Coding System Version ID	20130421	Changeable Data
CDM.3	**Charge Description Short**	High density lipoprotein cholesterol, serum (HDL)	Changeable Data
CDM.7[1]	**Procedure Code**		
CDM.7[1].1	Identifier	83718	Changeable Data
CDM.7[1].2	Text	lipoprotein, direct measurement; high density cholesterol (hdl cholesterol)	Changeable Data
CDM.7[1].3	Name of Coding System	C4	IG Fixed Data

CDM.7[1].7	Coding System Version ID	19.2	Changeable 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	408	Changeable Data
MFE.4.2	Text	Triglycerides, serum	Changeable Data
MFE.4.3	Name of Coding System	99USI	Changeable Data
MFE.4.7	Coding System Version ID	20130421	Changeable Data
MFE.5	**Primary Key Value Type**	CWE	IG Fixed Data

CDM :

Location	Data Element	Data	Categorization
CDM.1	**Primary Key Value - CDM**		
CDM.1.1	Identifier	408	Test Case Fixed Data
CDM.1.2	Text	Triglycerides, serum	Changeable Data
CDM.1.3	Name of Coding System	99USI	Changeable Data
CDM.1.7	Coding System Version ID	20130421	Changeable Data
CDM.3	**Charge Description Short**	Triglycerides, serum	Changeable Data
CDM.7[1]	**Procedure Code**		
CDM.7[1].1	Identifier	84478	Changeable Data
CDM.7[1].2	Text	triglycerides	Changeable Data
CDM.7[1].3	Name of Coding System	C4	IG Fixed Data
CDM.7[1].7	Coding System Version ID	19.2	Changeable Data

Test Data Specification

Master File Identification

Element name	Data
File-Level Event Code	Change file records as defined in the record-level event codes for each record that follows

Charge description information [1]

Master File Entry

Element name	Data
Record-Level Event Code	Add record to master file
Effective Date/Time	2013-12-19 2:53:10pm
Primary Key Value - MFE	Cholesterol (total), serum

Charge description

Element name	Data
Charge Description Short	Cholesterol (total), serum
Procedure Code [1]	cholesterol, serum or whole blood, total

Charge description information [2]

Master File Entry

Element name	Data
Record-Level Event Code	Add record to master file
Effective Date/Time	2013-12-19 2:53:10pm
Primary Key Value - MFE	High density lipoprotein cholesterol, serum (HDL)

Charge description

Element name	Data
Charge Description Short	High density lipoprotein cholesterol, serum (HDL)
Procedure Code [1]	lipoprotein, direct measurement; high density cholesterol (hdl cholesterol)

Charge description information [3]

Master File Entry

Element name	Data
Record-Level Event Code	Add record to master file
Effective Date/Time	2013-12-19 2:53:10pm
Primary Key Value - MFE	Triglycerides, serum

Charge description

Element name	Data
Charge Description Short	Triglycerides, serum
Procedure Code [1]	triglycerides

HL7 Message

MSH|^~\&#|NIST Test Lab APP|NIST Lab Facility||NIST EHR Facility|20130421113601-0700||MFN^M04^MFN_M04|EDOS_2.5_3.1-M04-NG|T|2.5.1|||AL|NE|||||EDOS_Common_Component^EDOS Base Profile^2.16.840.1.113883.9.67^ISO~EDOS_NG_Component^EDOS NG Profile^2.16.840.1.113883.9.69^ISO

MFI|CDM^Charge description master file^HL70175^^^^2.5.1||UPD|||NE

MFE|MAD||20131219145310|402^Cholesterol (total), serum^99USI^^^^20130421|CWE

CDM|402^Cholesterol (total), serum^99USI^^^^20130421||Cholesterol (total), serum|||||82465^cholesterol, serum or whole blood, total^C4^^^^19.2

MFE|MAD||20131219145310|404^High density lipoprotein cholesterol, serum (HDL)^99USI^^^^20130421|CWE

CDM|404^High density lipoprotein cholesterol, serum (HDL)^99USI^^^^20130421||High density lipoprotein cholesterol, serum (HDL)|||||83718^lipoprotein, direct measurement; high density cholesterol (hdl cholesterol)^C4^^^^19.2

MFE|MAD||20131219145310|408^Triglycerides, serum^99USI^^^^20130421|CWE

CDM|408^Triglycerides, serum^99USI^^^^20130421||Triglycerides, serum|||||84478^triglycerides^C4^^^^19.2