

#### Description

The Laboratory Test Compendium from Century Hospital Clinical Laboratory is a subset of their Directory of Services. It is based upon the most commonly ordered lab tests by Dr. Radon. This compendium is being used by Dr. Nicholas Radon's practice EHR-S 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 update this information for limited coverage tests in Dr. Radon's EHR.

#### Comments

Update message to change limited coverage information for orderable tests and panels. This update provides information for the newly orderable individual Lipid panel components and the revised panel.

#### 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\_1.0\_4.1-M18\_New\_Approved  
and  
EDOS\_1.0\_5.1-M18\_New\_Limited  
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\_2.4\_4.1-M18\_Update\_Combo  
and  
EDOS\_2.5\_1.1-M08\_Update\_Revise\_PostCombo  
and  
EDOS\_2.5\_2.1-M10\_Update\_Revise\_PostCombo  
and  
EDOS\_2.5\_3.1-M04\_Update\_revise\_postCombo  
have been completed.

#### PostCondition

eDOS M08, M10, M04 and M18 data elements are incorporated appropriately into the EHR-S.

#### TestObjectives

- Demonstrate capability to support a M18 limited coverage update message for an added panel and individual tests.

## Test Case Information

## EDOS\_2.5\_4.1-M18\_NG - M18\_Update\_revise\_postCombo

Test Case ID

EDOS\_2.5\_4.1-M18\_NG

## 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 Test Lab APP	Configurable Data
<b>MSH.4</b>	<b>Sending Facility</b>		
MSH.4.1	Namespace ID	NIST Lab Facility	Configurable Data
<b>MSH.6</b>	<b>Receiving Facility</b>		
MSH.6.1	Namespace ID	NIST EHR Facility	Configurable Data
<b>MSH.7</b>	<b>Date/Time Of Message</b>		
MSH.7.1	Time	20130421113601-0700	System Generated
<b>MSH.9</b>	<b>Message Type</b>		
MSH.9.1	Message Code	MFN	IG Fixed Data
MSH.9.2	Trigger Event	M18	IG Fixed Data
MSH.9.3	Message Structure	MFN_M18	IG Fixed Data
<b>MSH.10</b>	<b>Message Control ID</b>	EDOS_2.5_4.1-M18_NG	System Generated
<b>MSH.11</b>	<b>Processing ID</b>		
MSH.11.1	Processing ID	D	Changeable Data
<b>MSH.12</b>	<b>VersionID</b>		
MSH.12.1	Version ID	2.5.1	IG Fixed Data
<b>MSH.21</b>	<b>Message Profile Identifier</b>		
MSH.21.1	Entity Identifier	EDOS_Common_Component	Test Case Fixed Data
MSH.21.2	Namespace ID	EDOS Base Profile	Changeable Data
MSH.21.3	Universal ID	2.16.840.1.113883.9.67	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	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
<b>MFI.1</b>	<b>Master File Identifier</b>		
MFI.1.1	Identifier	MLCP	IG Fixed Data
MFI.1.2	Text	Medicare Limited Coverage Process	Changeable Data
MFI.1.3	Name of Coding System	HL70175	IG Fixed Data
MFI.1.7	Coding System Version ID	2.8.2	Test Case Fixed Data
<b>MFI.3</b>	<b>File-Level Event Code</b>	UPD	Test Case Fixed Data
<b>MFI.6</b>	<b>Response Level Code</b>	NE	IG Fixed Data

## MFE

Location	Data Element	Data	Categorization
<b>MFE.1</b>	<b>Record-Level Event Code</b>	MAD	Test Case Fixed Data
<b>MFE.3</b>	<b>Effective Date/Time</b>		
MFE.3.1	Time	20131219145310	System Generated
<b>MFE.4</b>	<b>Primary Key Value - MFE</b>		
MFE.4.1	Identifier	402	Changeable Data
MFE.4.2	Text	Cholesterol (total), serum	Changeable Data
MFE.4.3	Name of Coding System	99USL	Changeable Data

MFE.4.7	Coding System Version ID	20130421	Changeable Data
<b>MFE.5</b>	<b>Primary Key Value Type</b>	CWE	IG Fixed Data

#### PM1

Location	Data Element	Data	Categorization
<b>PM1.1</b>	<b>Health Plan ID</b>		
PM1.1.2	Text	Healthplan2	Changeable Data
<b>PM1.2</b>	<b>Insurance Company ID</b>		
PM1.2.1	ID Number	SMCA2	Changeable Data
PM1.2.4	Assigning Authority		
PM1.2.4.1	Namespace ID	NIST EHR	Configurable Data
PM1.2.5	Identifier Type Code	XX	Changeable Data

#### MCP

Location	Data Element	Data	Categorization
<b>MCP.1</b>	<b>Set ID - MCP</b>	1	IG Fixed Data
<b>MCP.2</b>	<b>Producer's Service/Test/Observation ID</b>		
MCP.2.1	Identifier	402	Test Case Fixed Data
MCP.2.2	Text	Cholesterol (total), serum	Changeable Data
MCP.2.3	Name of Coding System	99USL	Changeable Data
MCP.2.7	Coding System Version ID	20130421	Changeable Data

#### MFE

Location	Data Element	Data	Categorization
<b>MFE.1</b>	<b>Record-Level Event Code</b>	MAD	Test Case Fixed Data
<b>MFE.3</b>	<b>Effective Date/Time</b>		
MFE.3.1	Time	20131219145310	System Generated
<b>MFE.4</b>	<b>Primary Key Value - MFE</b>		
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	99USL	Changeable Data
MFE.4.7	Coding System Version ID	20130421	Changeable Data
<b>MFE.5</b>	<b>Primary Key Value Type</b>	CWE	IG Fixed Data

#### PM1

Location	Data Element	Data	Categorization
<b>PM1.1</b>	<b>Health Plan ID</b>		
PM1.1.2	Text	Healthplan2	Changeable Data
<b>PM1.2</b>	<b>Insurance Company ID</b>		
PM1.2.1	ID Number	SMCA2	Changeable Data
PM1.2.4	Assigning Authority		
PM1.2.4.1	Namespace ID	NIST EHR	Configurable Data
PM1.2.5	Identifier Type Code	XX	Changeable Data

#### MCP

Location	Data Element	Data	Categorization
<b>MCP.1</b>	<b>Set ID - MCP</b>	1	IG Fixed Data
<b>MCP.2</b>	<b>Producer's Service/Test/Observation ID</b>		
MCP.2.1	Identifier	404	Test Case Fixed Data
MCP.2.2	Text	High density lipoprotein cholesterol, serum (HDL)	Changeable Data
MCP.2.3	Name of Coding System	99USL	Changeable Data
MCP.2.7	Coding System Version ID	20130421	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	99USL	Changeable Data
MFE.4.7	Coding System Version ID	20130421	Changeable Data
MFE.5	Primary Key Value Type	CWE	IG Fixed Data

## PM1

Location	Data Element	Data	Categorization
PM1.1	Health Plan ID		
PM1.1.2	Text	Healthplan2	Changeable Data
PM1.2	Insurance Company ID		
PM1.2.1	ID Number	SMCA2	Changeable Data
PM1.2.4	Assigning Authority		
PM1.2.4.1	Namespace ID	NIST EHR	Configurable Data
PM1.2.5	Identifier Type Code	XX	Changeable Data

## MCP

Location	Data Element	Data	Categorization
MCP.1	Set ID - MCP	1	IG Fixed Data
MCP.2	Producer's Service/Test/Observation ID		
MCP.2.1	Identifier	408	Test Case Fixed Data
MCP.2.2	Text	Triglycerides, serum	Changeable Data
MCP.2.3	Name of Coding System	99USL	Changeable Data
MCP.2.7	Coding System Version ID	20130421	Changeable Data

## MFE

Location	Data Element	Data	Categorization
MFE.1	Record-Level Event Code	MUP	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	400.1	Changeable Data
MFE.4.2	Text	Lipid Panel - direct LDL	Changeable Data
MFE.4.3	Name of Coding System	99USL	Changeable Data
MFE.4.7	Coding System Version ID	20130421	Changeable Data
MFE.5	Primary Key Value Type	CWE	IG Fixed Data

## PM1

Location	Data Element	Data	Categorization
PM1.1	Health Plan ID		
PM1.1.2	Text	Healthplan2	Changeable Data
PM1.2	Insurance Company ID		
PM1.2.1	ID Number	SMCA2	Changeable Data
PM1.2.4	Assigning Authority		
PM1.2.4.1	Namespace ID	NIST EHR	Configurable Data
PM1.2.5	Identifier Type Code	XX	Changeable Data

## MCP

Location	Data Element	Data	Categorization
MCP.1	Set ID - MCP	1	IG Fixed Data

MCP Location	Producer's Service/ Test/ Observation ID	Data Element	Data	Categorization
MCP.2.1	Identifier		400.1	Test Case Fixed Data
MCP.2.2	Text		Lipid Panel - direct LDL	Changeable Data
MCP.2.3	Name of Coding System		99USL	Changeable Data
MCP.2.7	Coding System Version ID		20130421	Changeable Data
MCP.4	Universal Service Price Range - High Value			
MCP.4.1	Quantity		45	Changeable Data
MCP.4.2	Denomination		USD	IG Fixed Data

Element	Data
Identifier	MLCP
Event code	UPD

Payer Information - Cholesterol (total), serum  
Record information

Element	Data
Event code	MAD
Effective date and time	20131219145310
Test/Panel Name	Cholesterol (total), serum
Test/Panel identifier (code system)	402 (99USL)

Payer & coverage details

Payer

Element	Data
Health Plan	Healthplan2
Insurance Company	SMCA2

Payer Information - High density lipoprotein cholesterol, serum (HDL)

Record information

Element	Data
Event code	MAD
Effective date and time	20131219145310
Test/Panel Name	High density lipoprotein cholesterol, serum (HDL)
Test/Panel identifier (code system)	404 (99USL)

Payer & coverage details

Payer

Element	Data
Health Plan	Healthplan2
Insurance Company	SMCA2

Payer Information - Triglycerides, serum

Record information

Element	Data
Event code	MAD
Effective date and time	20131219145310
Test/Panel Name	Triglycerides, serum
Test/Panel identifier (code system)	408 (99USL)

Payer & coverage details

Payer

Element	Data
Health Plan	Healthplan2
Insurance Company	SMCA2

Payer Information - Lipid Panel - direct LDL

Record information

Element	Data
Event code	MUP
Effective date and time	20131219145310
Test/Panel Name	Lipid Panel - direct LDL
Test/Panel identifier (code system)	400.1 (99USL)

Payer & coverage details

Payer

Element	Data
Health Plan	Healthplan2
Insurance Company	SMCA2

Coverage Policy

High price range	USD 45
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MSH|^~&#|NIST Test Lab APP|NIST Lab Facility||NIST EHR Facility|20130421113601-0700||MFN^M18^MFN\_M18|EDOS\_2.5\_4.1-M18\_  
NG|D|2.5.1|||||||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|MLCP^Medicare Limited Coverage Process^HL70175^^^^2.8.2||UPD|||NE

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

PM1|^Healthplan2|SMCA2^^^NIST EHR^XX

MCP|1|402^Cholesterol (total), serum^99USL^^^^20130421

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

PM1|^Healthplan2|SMCA2^^^NIST EHR^XX

MCP|1|404^High density lipoprotein cholesterol, serum (HDL)^99USL^^^^20130421

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

PM1|^Healthplan2|SMCA2^^^NIST EHR^XX

MCP|1|408^Triglycerides, serum^99USL^^^^20130421

MFE|MUP||20131219145310|400.1^Lipid Panel - direct LDL^99USL^^^^20130421|CWE

PM1|^Healthplan2|SMCA2^^^NIST EHR^XX

MCP|1|400.1^Lipid Panel - direct LDL^99USL^^^^20130421||45^USD