

#### 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 Laboratory had decided to no longer offer the sedimentation rate test. Century Hospital's LIS transmits the appropriate eDOS update messages to Dr. Radon's EHR-S to deprecate this orderable test.

#### Comments

Update message to deactivate the charge code (CPT codes) of a no longer offered tests.

#### 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\_2.0\_1.1-M08\_Update\_Deactivate  
and  
EDOS\_2.0\_2.1-M10\_Update\_Deactivate  
have been completed.

#### PostCondition

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

#### TestObjectives

- Demonstrate capability to support a M04 update message - action: deactivate.

## Test Case Information

## EDOS\_2.0\_3.1-M04\_GU - M04\_Update\_deactivate

Test Case ID

EDOS\_2.0\_3.1-M04\_GU

## 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
MSH.3.2	Universal ID	2.16.840.1.113883.3.72.5.20	Configurable Data
MSH.3.3	Universal ID Type	ISO	IG Fixed Data
<b>MSH.4</b>	<b>Sending Facility</b>		
MSH.4.1	Namespace ID	NIST Lab Facility	Configurable Data
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
<b>MSH.6</b>	<b>Receiving Facility</b>		
MSH.6.1	Namespace ID	NIST EHR Facility	Configurable Data
MSH.6.2	Universal ID	2.16.840.1.113883.3.72.5.23	Configurable Data
MSH.6.3	Universal ID Type	ISO	IG Fixed 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	M04	IG Fixed Data
MSH.9.3	Message Structure	MFN_M04	IG Fixed Data
<b>MSH.10</b>	<b>Message Control ID</b>	EDOS_2.0_3.1-M04_GU	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_GU_Component	Test Case Fixed Data
MSH.21[2].2	Namespace ID	EDOS GU Profile	Changeable Data
MSH.21[2].3	Universal ID	2.16.840.1.113883.9.68	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	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
<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>	MDC	Test Case Fixed Data

Location	Effective Date/Time	Data Element	Data	Categorization
MFE.3.1	Time		20131219145310	System Generated
MFE.4	Primary Key Value - MFE			
MFE.4.1	Identifier		500	Changeable Data
MFE.4.2	Text		Erythrocyte sedimentation rate	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

#### CDM

Location	Data Element	Data	Categorization
CDM.1	Primary Key Value - CDM		
CDM.1.1	Identifier	500	Test Case Fixed Data
CDM.1.2	Text	Erythrocyte sedimentation rate	Changeable Data
CDM.1.3	Name of Coding System	99USL	Changeable Data
CDM.1.7	Coding System Version ID	20130421	Changeable Data
CDM.3	Charge Description Short	N/A	IG Fixed Data
CDM.7	Procedure Code		
CDM.7.1	Identifier	85652	Changeable Data
CDM.7.2	Text	Sedimentation rate, erythrocyte; automated	Changeable Data
CDM.7.3	Name of Coding System	C4	IG Fixed Data
CDM.7.7	Coding System Version ID	19.2	Changeable Data

#### MFE

Location	Data Element	Data	Categorization
MFE.1	Record-Level Event Code	MDC	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	800	Changeable Data
MFE.4.2	Text	GHP	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

#### CDM

Location	Data Element	Data	Categorization
CDM.1	Primary Key Value - CDM		
CDM.1.1	Identifier	800	Test Case Fixed Data
CDM.1.2	Text	GHP	Changeable Data
CDM.1.3	Name of Coding System	99USL	Changeable Data
CDM.1.7	Coding System Version ID	20130421	Changeable Data
CDM.3	Charge Description Short	N/A	IG Fixed Data
CDM.7	Procedure Code		
CDM.7.1	Identifier	84443	Changeable Data
CDM.7.2	Text	Thyroid Stimulating Hormone (TSH)	Changeable Data
CDM.7.3	Name of Coding System	C4	IG Fixed Data
CDM.7.7	Coding System Version ID	19.2	Changeable Data
CDM.7[2]	Procedure Code		
CDM.7[2].1	Identifier	81003	Changeable Data
CDM.7[2].2	Text	URNLYSS, DP STCK OR TBLT RGNT FR BLRBN, GLCS, HMGLBN, KTNS, LKCYTS, NTRT, PH, PRTN, SPCFC GRVTY, URBLNGN, ANY NMBR OF THS CNSTTNTS ATMTD, WHTT MCRSCP	Changeable Data
CDM.7[2].3	Name of Coding System	C4	IG Fixed Data
CDM.7[2].7	Coding System Version ID	19.2	Changeable Data

CDM Location	Procedure Code	Data Element	Data	Categorization
CDM.7[3].1	Identifier		80053	Changeable Data
CDM.7[3].2	Text		Comprehensive metabolic panel This panel must include the following: Albumin (82040) Bilirubin, total (82247) Calcium, total (82310) Carbon dioxide (bicarbonate) (82374) Chloride (82435) Creatinine (82565) Glucose (82947) Phosphatase, alkaline (84075) Potassium (84132) Protein, total (84155) Sodium (84295) Transferase, alanine amino (ALT) (SGPT) (84460) Transferase, aspartate amino (AST) (SGOT) (84450) Urea nitrogen (BUN) (84520)	Changeable Data
CDM.7[3].3	Name of Coding System		C4	IG Fixed Data
CDM.7[3].7	Coding System Version ID		19.2	Changeable Data
<b>CDM.7[4]</b>	<b>Procedure Code</b>			
CDM.7[4].1	Identifier		85025	Changeable Data
CDM.7[4].2	Text		blood count; complete (cbc), automated (hgb, hct, rbc, wbc and platelet count) and automated differential wbc count	Changeable Data
CDM.7[4].3	Name of Coding System		C4	IG Fixed Data
CDM.7[4].7	Coding System Version ID		19.2	Changeable Data
<b>CDM.7[5]</b>	<b>Procedure Code</b>			
CDM.7[5].1	Identifier		85007	Changeable Data
CDM.7[5].2	Text		BLOOD COUNT; BLOOD SMEAR, MICROSCOPIC EXAMINATION WITH MANUAL DIFFERENTIAL WBC COUNT	Changeable Data
CDM.7[5].3	Name of Coding System		C4	IG Fixed Data
CDM.7[5].7	Coding System Version ID		19.2	Changeable Data
<b>CDM.7[6]</b>	<b>Procedure Code</b>			
CDM.7[6].1	Identifier		85060	Changeable Data
CDM.7[6].2	Text		BLOOD SMEAR, PERIPHERAL, INTERPRETATION BY PHYSICIAN WITH WRITTEN REPORT	Changeable Data
CDM.7[6].3	Name of Coding System		C4	IG Fixed Data
CDM.7[6].7	Coding System Version ID		19.2	Changeable Data

Element	Data
Identifier	CDM
Event code	UPD

#### Charge Information - Erythrocyte sedimentation rate

##### Record information

Element	Data
Event code	MDC
Effective date and time	20131219145310
Test/Panel Name	Erythrocyte sedimentation rate
Test/Panel identifier (code system)	500 (99USL)

##### Charge details

Element	Data
Primary key value	Erythrocyte sedimentation rate
Primary key value (code & code system)	500 (99USL)
Charge description	N/A
Procedure code	Sedimentation rate, erythrocyte; automated
Procedure code(code & code system)	85652 (C4)

#### Charge Information - GHP

##### Record information

Element	Data
Event code	MDC
Effective date and time	20131219145310
Test/Panel Name	GHP
Test/Panel identifier (code system)	800 (99USL)

##### Charge details

Element	Data
Primary key value	GHP
Primary key value (code & code system)	800 (99USL)
Charge description	N/A
Procedure code	Thyroid Stimulating Hormone (TSH)
Procedure code(code & code system)	84443 (C4)
Procedure code	URNLYSS, DP STCK OR TBLT RGNT FR BLRBN, GLCS, HMGLBN, KTNS, LKCYTS, NTRT, PH, PRTN, SPCFC GRVTY, URBLNGN, ANY NMBR OF THS CNSTNTS ATMTD, WHTT MCRSCPY
Procedure code(code & code system)	81003 (C4)
Procedure code	Comprehensive metabolic panel This panel must include the following: Albumin (82040) Bilirubin, total (82247) Calcium, total (82310) Carbon dioxide (bicarbonate) (82374) Chloride (82435) Creatinine (82565) Glucose (82947) Phosphatase, alkaline (84075) Potassium (84132) Protein, total (84155) Sodium (84295) Transferase, alanine amino (ALT) (SGPT) (84460) Transferase, aspartate amino (AST) (SGOT) (84450) Urea nitrogen (BUN) (84520)
Procedure code(code & code system)	80053 (C4)
Procedure code	blood count; complete (cbc), automated (hgb, hct, rbc, wbc and platelet count) and automated differential wbc count
Procedure code(code & code system)	85025 (C4)
Procedure code	BLOOD COUNT; BLOOD SMEAR, MICROSCOPIC EXAMINATION WITH MANUAL DIFFERENTIAL WBC COUNT
Procedure code(code & code system)	85007 (C4)
	BLOOD SMEAR, PERIPHERAL, INTERPRETATION BY

Procedure code	PHYSICIAN WITH WRITTEN REPORT
Procedure code(code & code system)	85060 (C4)

MSH|^~\&#|NIST Test Lab APP^2.16.840.1.113883.3.72.5.20^ISO|NIST Lab Facility^2.16.840.1.113883.3.72.5.21^ISO||NIST EHR Facility^2.16.840.1.113883.3.72.5.23^ISO|20130421113601-0700||MFN^M04^MFN\_M04|EDOS\_2.0\_3.1-M04\_GU|D|2.5.1|||||||EDOS\_Common\_Component^EDOS Base Profile^2.16.840.1.113883.9.67^ISO~EDOS\_GU\_Component^EDOS GU Profile^2.16.840.1.113883.9.68^ISO  
SO

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

MFE|MDC||20131219145310|500^Erythrocyte sedimentation rate^99USL^^^^20130421|CWE

CDM|500^Erythrocyte sedimentation rate^99USL^^^^20130421||N/A|||85652^Sedimentation rate, erythrocyte; automated^C4^^^19.2

MFE|MDC||20131219145310|800^GHP^99USL^^^^20130421|CWE

CDM|800^GHP^99USL^^^^20130421||N/A|||84443^Thyroid Stimulating Hormone (TSH)^C4^^^19.2~81003^URNLYSS, DP STCK OR TBLT

RGNT FR BLRBN, GLCS, HMGLBN, KTNS, LKCYTS, NTRT, PH, PRTN, SPCFC GRVTY, URBLNGN, ANY NMBR OF THS CNSTTNTS ATMTD, WHT M

CRSCPY^C4^^^19.2~80053^Comprehensive metabolic panel This panel must include the following: Albumin (82040) Bilirubin, total (82247) Calcium, total (82310) Carbon dioxide (bicarbonate) (82374) Chloride (82435) Creatinine (82565) Glucose (82947) Phosphatase, alkaline (84075) Potassium (84132) Protein, total (84155) Sodium (84295) Transferase, alanine amino (ALT) (SGPT) (84460) Transferase, aspartate amino (AST) (SGOT) (84450) Urea nitrogen (BUN) (84520)^C4^^^19.2~85025^blood count; complete (cbc), automated (hgb, hct, rbc, wbc and platelet count) and automated differential wbc count^C4^^^19.2~85007^BLOOD COUNT; BLOOD SMEAR, MICROSCOPIC EXAMINATION WITH MANUAL DIFFERENTIAL WBC

COUNT^C4^^^19.2~85060^BLOOD SMEAR, PERIPHERAL, INTERPRETATION BY PHYSICIAN WITH WRITTEN REPORT^C4^^^19.2