

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 has made changes to their test compendium:

- Reactivated the CPT code for the previously de-activated Sed Rate.

Century Hospital's LIS transmits the appropriate eDOS update messages with these changes to Dr. Radon's EHR.

Comments

Update changes for reactivation of charge codes (CPT codes).

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_2.1_1.1-M08_Deactivate
and
EDOS_2.1_2.1-M10_Deactivate
and
EDOS_2.1_3.1-M04_Deactivate
and
EDOS_2.1_4.1-M18_Deactivate
and
EDOS_2.3_1.1-M08_Update_Reactivate
and
EDOS_2.3_2.1-M10_Update_Reactivate
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: reactivate

Test Case Information

EDOS_2.3_3.1-M04_GU - M04_Update_reactivate

Test Case ID

EDOS_2.3_3.1-M04_GU

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.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
MSH.4	Sending Facility		
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
MSH.6	Receiving Facility		
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
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_2.3_3.1-M04_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_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
MSH.21[2]	Message Profile Identifier		
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
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	MAC	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	MAC	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
CDM.7[4]	Procedure Code			
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
CDM.7[5]	Procedure Code			
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
CDM.7[6]	Procedure Code			
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	MAC
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	MAC
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_2.3_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|MAC||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|MAC||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