

#### Description

Some time after initial Laboratory Test Compendium is delivered electronically from the LIS to the EHR-S, the LIS send up to four eDOS update messages to the EHR-S to revise an orderable test. The EHR-S will integrate these updates into its test directory.

#### Comments

Updates to a single record.

#### PreCondition

Initial load of compendium data elements are incorporated appropriately into the EHR-S.

#### PostCondition

Data elements are incorporated appropriately into the EHR-S.

#### TestObjectives

- Demonstrate capability to support revising a single record in an existing test compendium.

## ELECTRONIC DIRECTORY OF SERVICE(eDOS)

Electronic Directory Of Service (eDOS)					
Test Case ID	3-Update_revise				
Juror ID					
Juror Name					
HIT System Tested					
Inspection Date/Time					
Inspection Settlement (Pass/Fail)	<table><thead><tr><th>Pass</th><th>Fail</th></tr></thead><tbody><tr><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr></tbody></table>	Pass	Fail	<input type="checkbox"/>	<input type="checkbox"/>
Pass	Fail				
<input type="checkbox"/>	<input type="checkbox"/>				
Reason Failed					
Juror Comments					

## INSTRUCTIONS

No Specific Instructions

## DISPLAY VERIFICATION : CPOE View

Orderable Atomic Tests and /or Panels		Tester Comment
Laboratory Name	Name of the Test/Panel*	
Century Hospital Clinical Laboratory	Penicillin	
Century Hospital Clinical Laboratory	CMP	
* equivalent name accepted		

Panel : CMP		Tester Comment
Patient Preparation	Patient fasting required for 12 hours.	
Panel Components		
Serum Glucose		
Blood Urea Nitrogen (BUN)		
Creatinine		
BUN/Creatinine Ratio		
GFR, calculated		
Calcium		
Total protein, serum		
Albumin		
Globulin		
Albumin/globulin ratio		
Total bilirubin, serum		
Alkaline phosphatase (ALP)		
Alanine aminotransferase (ALT)		
Aspartate aminotransferase (ASP)		
Sodium, serum		
Potassium, serum		
Chloride, serum		
Carbon dioxide, serum		
Anion gap		

## DISPLAY VERIFICATION : Specimen Collection / AOE View

Atomic Test : Penicillin		Tester Comment
Specimen Information		
Specimen	Bacterial isolate specimen	
Specimen Handling Code	Critical ambient temperature	

Panel : CMP		Tester Comment
Specimen Information		
Specimen	Serum specimen	
Specimen Handling Code	Refrigerated temperature	
Minimum Collection Volume	0.5 milliliter	
Container(s)		
Gold Serum Separator tube		
Red, No Additive tube		
Specimen Information		
Specimen	Plasma specimen	
Specimen Handling Code	Refrigerated temperature	
Minimum Collection Volume	0.7 milliliter	
Container(s)		
Green Lithium Heparin tube		

## DISPLAY VERIFICATION : Directory Admin View

Atomic Test : Penicillin			Tester Comment
Global Information			
Identifier assigned by lab	Text	Code System	
1506	Penicillin	99USL	
Alternate Identifier	Text	Code System	
6932-8	Penicillin [Susceptibility] by Minimum inhibitory concentration (MIC)	LN	

Panel : CMP			Tester Comment
Global Information			
Identifier assigned by lab	Text	Code System	
100	CMP	99USL	
Alternate Identifier	Text	Code System	
24323-8	Comprehensive metabolic 2000 panel - Serum or Plasma	LN	

## INCORPORATE VERIFICATION

### Incorporate Verification for Penicillin

Data Element Name	Data	Tester Comment
Test Name	Penicillin	
Test Identifier	1506	
Test Identifier Code System	99USL	
Status	Active	

General Information			
Location	Data Element Name	Data	Tester Comment
OM1.2	Producer's Service/Test/Observation ID		
OM1.2.1	Identifier	1506	
OM1.2.2	Text	Penicillin	
OM1.2.3	Name of Coding System	99USL	
OM1.5	Producer ID		
OM1.5.1	Identifier	05D0669071	
OM1.5.2	Text	Century Hospital Clinical Laboratory	
OM1.7	Other Service/Test/Observation IDs for the Observation		
OM1.7.1	Identifier	6932-8	
OM1.7.2	Text	Penicillin [Susceptibility] by Minimum inhibitory concentration (MIC)	
OM1.7.3	Name of Coding System	LN	
OM1.9	Preferred Report Name for the Observation	Penicillin MIC	
OM1.39	Factors that may Affect the Observation	Insufficient specimen, Improper labeling.	
OM1.40	Service/Test/Observation Performance Schedule	Monday through Friday	
OM1.48	Exclusive Test	N	
OM1.49	Diagnostic Service Sector ID	LAB	
OM1.56	Observation Identifier associated with Producer's Service/Test/Observation ID		
OM1.56.1	Identifier	6932-8	
OM1.56.2	Text	Penicillin [Susceptibility] by Minimum inhibitory concentration (MIC)	
OM1.56.3	Name of Coding System	LN	
OM1.56.4	Alternate Identifier	1506	
OM1.56.5	Alternate Text	Penicillin	
OM1.56.6	Name of Alternate Coding System	99USL	
OM1.57	Expected Turn-Around Time		
OM1.57.1	Quantity	3	
OM1.57.2	Units		
OM1.57.2.2	Text	day	

Specimen Information			
Location	Data Element Name	Data	Tester Comment
OM4.6	Specimen		
OM4.6.1	Identifier	429951000124103	
OM4.6.2	Text	Bacterial isolate specimen	
OM4.6.3	Name of Coding System	SCT	

## Incorporate Verification for CMP

Data Element Name	Data	Tester Comment
Test Name	CMP	
Test Identifier	100	
Test Identifier Code System	99USL	
Status	Active	

General Information			
Location	Data Element Name	Data	Tester Comment
<b>OM1.2</b>	<b>Producer's Service/Test/Observation ID</b>		
OM1.2.1	Identifier	100	
OM1.2.2	Text	CMP	
OM1.2.3	Name of Coding System	99USL	
<b>OM1.5</b>	<b>Producer ID</b>		
OM1.5.1	Identifier	05D0669071	
OM1.5.2	Text	Century Hospital Clinical Laboratory	
<b>OM1.7</b>	<b>Other Service/Test/Observation IDs for the Observation</b>		
OM1.7.1	Identifier	24323-8	
OM1.7.2	Text	Comprehensive metabolic 2000 panel - Serum or Plasma	
OM1.7.3	Name of Coding System	LN	
OM1.10	Preferred Short Name on Mnemonic for Observation	CMP	
OM1.32	Interpretation of Observations	Test used to measure blood sugar, electrolytes and fluid balance, kidney and liver function.	
OM1.37	Patient Preparation	Patient fasting required for 12 hours.	
OM1.39	Factors that may Affect the Observation	Insufficient specimen, Gross hemolysis, Improper labeling..	
OM1.40	Service/Test/Observation Performance Schedule	Daily	
OM1.48	Exclusive Test	N	
OM1.49	Diagnostic Service Sector ID	LAB	
<b>OM1.57</b>	<b>Expected Turn-Around Time</b>		
OM1.57.1	Quantity	1	
<b>OM1.57.2</b>	<b>Units</b>		
OM1.57.2.1	Identifier	d	
OM1.57.2.2	Text	day	

Observation Batteries(sets)			
Location	Data Element Name	Data	Tester Comment
<b>OM5.2[1]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>		
OM5.2.1[1]	Identifier	104	
OM5.2.2[1]	Text	Serum Glucose	
OM5.2.3[1]	Name of Coding System	99USL	
<b>OM5.2[2]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>		
OM5.2.1[2]	Identifier	106	
OM5.2.2[2]	Text	Blood Urea Nitrogen (BUN)	
OM5.2.3[2]	Name of Coding System	99USL	
<b>OM5.2[3]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>		

Observation Batteries(sets)			
Location	Data Element Name	Data	Tester Comment
OM5.2.1[3]	Identifier	102	
OM5.2.2[3]	Text	Creatinine	
OM5.2.3[3]	Name of Coding System	99USL	
<b>OM5.2[4]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>		
OM5.2.1[4]	Identifier	108	
OM5.2.2[4]	Text	BUN/Creatinine Ratio	
OM5.2.3[4]	Name of Coding System	99USL	
<b>OM5.2[5]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>		
OM5.2.1[5]	Identifier	110	
OM5.2.2[5]	Text	GFR, calculated	
OM5.2.3[5]	Name of Coding System	99USL	
<b>OM5.2[6]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>		
OM5.2.1[6]	Identifier	112	
OM5.2.2[6]	Text	Calcium	
OM5.2.3[6]	Name of Coding System	99USL	
<b>OM5.2[7]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>		
OM5.2.1[7]	Identifier	114	
OM5.2.2[7]	Text	Total protein, serum	
OM5.2.3[7]	Name of Coding System	99USL	
<b>OM5.2[8]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>		
OM5.2.1[8]	Identifier	116	
OM5.2.2[8]	Text	Albumin	
OM5.2.3[8]	Name of Coding System	99USL	
<b>OM5.2[9]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>		
OM5.2.1[9]	Identifier	118	
OM5.2.2[9]	Text	Globulin	
OM5.2.3[9]	Name of Coding System	99USL	
<b>OM5.2[10]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>		
OM5.2.1[10]	Identifier	120	
OM5.2.2[10]	Text	Albumin/globulin ratio	
OM5.2.3[10]	Name of Coding System	99USL	
<b>OM5.2[11]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>		
OM5.2.1[11]	Identifier	122	
OM5.2.2[11]	Text	Total bilirubin, serum	
OM5.2.3[11]	Name of Coding System	99USL	



Observation Batteries(sets)			
Location	Data Element Name	Data	Tester Comment
<b>OM5.2[12]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>		
OM5.2.1[12]	Identifier	124	
OM5.2.2[12]	Text	Alkaline phosphatase (ALP)	
OM5.2.3[12]	Name of Coding System	99USL	
<b>OM5.2[13]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>		
OM5.2.1[13]	Identifier	126	
OM5.2.2[13]	Text	Alanine aminotransferase (ALT)	
OM5.2.3[13]	Name of Coding System	99USL	
<b>OM5.2[14]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>		
OM5.2.1[14]	Identifier	128	
OM5.2.2[14]	Text	Aspartate aminotransferase (ASP)	
OM5.2.3[14]	Name of Coding System	99USL	
<b>OM5.2[15]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>		
OM5.2.1[15]	Identifier	130	
OM5.2.2[15]	Text	Sodium, serum	
OM5.2.3[15]	Name of Coding System	99USL	
<b>OM5.2[16]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>		
OM5.2.1[16]	Identifier	132	
OM5.2.2[16]	Text	Potassium, serum	
OM5.2.3[16]	Name of Coding System	99USL	
<b>OM5.2[17]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>		
OM5.2.1[17]	Identifier	134	
OM5.2.2[17]	Text	Chloride, serum	
OM5.2.3[17]	Name of Coding System	99USL	
<b>OM5.2[18]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>		
OM5.2.1[18]	Identifier	136	
OM5.2.2[18]	Text	Carbon dioxide, serum	
OM5.2.3[18]	Name of Coding System	99USL	
<b>OM5.2[19]</b>	<b>Test/Observations Included Within an Ordered Test Battery</b>		
OM5.2.1[19]	Identifier	138	
OM5.2.2[19]	Text	Anion gap	
OM5.2.3[19]	Name of Coding System	99USL	

Specimen Information			
Location	Data Element Name	Data	Tester Comment
OM4.3[1]	Container Description	Gold Serum Separator tube	
OM4.4[1]	Container Volume	5.0	
<b>OM4.5[1]</b>	<b>Container Units</b>		
OM4.5.2[1]	Text	milliliter	
OM4.3[2]	Container Description	Red, No Additive tube	
OM4.4[2]	Container Volume	5.0	
<b>OM4.5[2]</b>	<b>Container Units</b>		
OM4.5.2[2]	Text	milliliter	
<b>OM4.6</b>	<b>Specimen</b>		
OM4.6.1	Identifier	119364003	
OM4.6.2	Text	Serum specimen	
OM4.6.3	Name of Coding System	SCT	
<b>OM4.10</b>	<b>Normal Collection Volume</b>		
OM4.10.1	Quantity	1	
<b>OM4.10.2</b>	<b>Units</b>		
OM4.10.2.2	Text	milliliter	

Specimen Information			
Location	Data Element Name	Data	Tester Comment
OM4.3	Container Description	Green Lithium Heparin tube	
OM4.4	Container Volume	3.0	
<b>OM4.5</b>	<b>Container Units</b>		
OM4.5.2	Text	milliliter	
<b>OM4.6</b>	<b>Specimen</b>		
OM4.6.1	Identifier	119361006	
OM4.6.2	Text	Plasma specimen	
OM4.6.3	Name of Coding System	SCT	
<b>OM4.7</b>	<b>Additive</b>		
OM4.7.2	Text	Lithium/Li Heparin	
<b>OM4.10</b>	<b>Normal Collection Volume</b>		
OM4.10.1	Quantity	2	
<b>OM4.10.2</b>	<b>Units</b>		
OM4.10.2.2	Text	milliliter	

## Incorporate Verification for CBC\_diff

Data Element Name	Data	Tester Comment
<b>Test Name</b>	CBC_diff	
<b>Test Identifier</b>	200	
<b>Test Identifier Code System</b>	99USL	
<b>Status</b>	Active	

Charge Description			
Location	Data Element Name	Data	Tester Comment
CDM.3	Identifier	N/A	
<b>CDM7[1]</b>	<b>Procedure Code</b>		
CDM.7.1[1]	Identifier	85060	
CDM.7.2[1]	Text	BLOOD SMEAR, PERIPHERAL, INTERPRETATION BY PHYSICIAN WITH WRITTEN REPORT	
<b>CDM7[2]</b>	<b>Procedure Code</b>		
CDM.7.1[2]	Identifier	85060	
CDM.7.2[2]	Text	BLOOD SMEAR, PERIPHERAL, INTERPRETATION BY PHYSICIAN WITH WRITTEN REPORT	

## Incorporate Verification for Prostate Biopsy Pathology Report

Data Element Name	Data	Tester Comment
<b>Test Name</b>	Prostate Biopsy Pathology Report	
<b>Test Identifier</b>	600	
<b>Test Identifier Code System</b>	99USL	
<b>Status</b>	Active	

Payer Information			
Location	Data Element Name	Data	Tester Comment
<b>PMI.1</b>	<b>Health Plan ID</b>		
PMI.1.2	Text	Healthplan2	
<b>PMI.2</b>	<b>Insurance Company ID</b>		
PMI.2.1	ID Number	SMCA2	
<b>PMI.2.4</b>	<b>Assiging Authority</b>		
PMI.2.4.1	Namespace ID	NIST EHR	

Coverage Policy			
Location	Data Element Name	Data	Tester Comment
<b>MCP.3</b>	<b>Universal Service Price Range – Low Value</b>		
MCP.3.1	Quantity	30	
MCP.3.2	Denomination	USD	
<b>MCP.4</b>	<b>Universal Service Price Range – High Value</b>		
MCP.4.1	Quantity	120	
MCP.4.2	Denomination	USD	
MCP.5	Reason for Universal Service Cost Range	Depending on the number of biopsies submitted - max covered are 20	