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Adding a New Test in the Test Dictionary

1. While ordering a lab, we need to make sure that the test has a code. To check for code you can go to EMR->Labs, DI & Procedures -> Labs.

ⓒ eClinicalWorks (5,5UPPORT)							
Ele Patient Schedule 🔤 Billing Beports CCD Fax ePayment Tools Community Meaningful Lise Lock Help							
🕑 eC	lini	Alerts	•	0 0		P 1 E 0 S 0 D 6	14 R 7 T 3 L 510 M 27
	Admin Re						
Practice							
	Labs, DI & Procedures	Þ	Labs		Facility		
-		Miscellaneous Configuration C	Options 🕨	Merge Labs	🥵 🧖 🗈 🕅 🖉 Paste 🕫	All	
Resource Sche		Flowsheets		Diagnostic Imaging			
<u></u>		Flowsheet Manager		Procedures	Novemb	er 23, 2010	<u> </u>
Jones,Mary	5	Link <u>R</u> ×		Configure Labs & DI Categories			
		Rx Groups		Insurance, Labs & DI Associations			
- 🤷 -	7	eCW Visit Codes		Labs & DI Alias			
Nurse,Nurse	21	Specialty Forms		My Labs, DI & Procedures Favorites			
()	28	Bubble Sheet Designer					
<u> </u>		Questionnaire Designer Physical Examination CPT Association Chief Complaints and HPI Association Order Set Administration					
Willis,Sam							
- 1							
Office Visits		CDSS	•				
	E.	PQRI					
<u>a</u>		Vision					
Lab,Tech		eClinicalMessenger	•				
†			:30				
Progress Notes			:45				
_			12 :15				
<u> </u>			PM :30 :45				
Telephone/Web			:45				
ov 🗉			:15				
Registry	egistry Lab, Tech ferrals UltraSound Room						
Referrals							
Messages			:00				
Documents	12 :30						
Billing			.45				_

2. Select the lab company from the drop down and type in the test you are looking for. Then, click on View Lab Codes.

Lookup	Starts with 🔽 🗖 Show Inactive Orders	
ab Company	Al Type Both View Lab C	ode:
Туре	Name	
	Hematology *	
	+CBC	
	A1C	
	Accutane Panel	
	AFP, CEA, HCG	
	Albumin	
	Alkaline phosphatase	
IH	Alphafetoprotein (AFP)	
	ALT (SGPT)	
	ALT(SGPT), AST(SGOT)	
	Amiodarone level	
	Ammonia	
	Amylase	
	ANA (Antinuclear Antibody)	
	ANA Screen w/Reflex Titer	
	Annual Physical Reminder	
	Anti HCV antibody	
	Anti SS a, Anti SS b	
	Anti Thyroglobulin Antibodies	
	Antinuclear Antibody (ANA)	
	APE 39	
	APE 40 64	
	Appt	
	Arthritis Profile	
	ASO	
1 1	ew 🖣 Attribute Codes Associate ABNs Associate CPTs Associate AOE Instructions 💌 🖸	ance

3. Enter the code provided by the lab corresponding to the lab name in the Code column.

🐂 Lab Codes		×
Lab/Imaging A1C		
Lab Codes		
Lab	Code	
CPL Labs	1	
Labcorp		
Quest		
QuestHS		
1		
		OK Cancel

4. If you do not see a lab test you want in the labs list, you can create one. To create a new lab click on 'New'.

🖬 Labs	X
Lookup	Starts with 💌 🗖 Show Inactive Orders
Lab Company	All Type Both View Lab Codes
Туре	Name
	Hematology *
	+CBC
	A1C
	Accutane Panel
	AFP, CEA, HCG
	Albumin
	Alkaline phosphatase
IH	Alphafetoprotein (AFP)
	ALT (SGPT)
	ALT(SGPT), AST(SGOT)
	Amiodarone level
	Ammonia
	Amylase
	ANA (Antinuclear Antibody)
	ANA Screen w/Reflex Titer
	Annual Physical Reminder
	Anti HCV antibody
	Anti SS a, Anti SS b
	Anti Thyroglobulin Antibodies
	Antinuclear Antibody (ANA)
	APE 39
	APE 40 64
	Appt
	Arthritis Profile
	ASO
<< >> Ne	aw 📱 Attribute Codes Associate ABNs Associate CPTs Associate AOE Instructions 🕶 🛛 Cancel
:30	New
	Update 3
:45	Delete

Enter the name of the test next to 'Category Name'. After adding the Lab Name, follow through Steps 1 to 3 above to add the code.

🐂 New Item/Category		×
Parent : Labs		
Category Name		
I		_
Overdue: Day(s)	ОК	Cancel

Adding Attributes in the Test Dictionary

To add attributes to an existing test, select the test from EMR->Labs, DI & Procedures -> Labs. Highlight the test and click on 'Attribute Codes'.

🖼 Labs							
Lookup	Starts with 💽 🗖 Show Inactive Orders						
Lab Company	All Type Both View Lab Codes						
Туре	Name						
	1-Methyl-histidine,Qn,24hr,Ur						
	1-Methyl-histidine,Qn,CSF						
	1-Methyl-histidine,Qn,Pl						
	1-Methyl-histidine,Qn,Ur						
	11-Dehydro Thromboxane B2/Crt.						
	11-DEOXYCORT RESP,LCMSMS						
	11-DEOXYCORTISOL RESP,SER						
	11-DEOXYCORTISOL,LC/MS/MS						
	11-Desoxycortisol						
	17-alpha-Hydroxyprogesterone						
	17-Hydroxycort,24H+Creat.Ratio						
	17-Hydroxycorticosteroids, Ur						
	17-Hydroxypregnenolone						
	17-Ketogenic and Ketosteroids						
	17-Ketogenic Steroids, 24-H Ur						
	17-KETOSTEROID,FRAC						
	17-KETOSTEROIDS W/CREAT						
	17-Ketosteroids, Tot, 24-Hr Ur						
	17-OH-CORTICOSTEROID W/CR						
	17-OH-PREGNENOLONE RESP						
	17-OH-PREGNENOLONE,SERUM						
	17-OH-PREGNENOLONE,SERUM						
17-OH-PROGESTERONE,LCMSMS							
	17-OH-PROGESTRN RESP,ACTH						
	17-OHCS and 17-Ketosteroids						
<< >> Ne	ew 🖣 Attribute Codes Associate ABNs Associate CPTs Associate AOE Instructions 💌 <u>C</u> ance						

X 🗟 Labs Lookup Show Inactive Orders Starts with -Lab Company All Type Both ▼ View Lab Codes 1-Methyl-histidir × 📮 1-Methyl-histidine ,Qn ,Pl 1-Methyl-histidir 1-Methyl-histidir Set Reference Range AttrCode MergeCode 1-Methyl-histidir Items 11-Dehydro Thr 11-DEOXYCORT Name 11-DEOXYCORT 1-Methyl-histidine,Qn,Pl 📃 11-DEOXYCORT 11-Desoxycortis 17-alpha-Hydro * 17-Hydroxycort 17-Hydroxycort 17-Hydroxypreg 17-Ketogenic ar 17-Ketogenic St 17-KETOSTERO 17-KETOSTERO 17-Ketosteroids 17-OH-CORTIC 17-OH-PREGNEI Update LOINC® 🗸 <u>0</u>K New Cancel 17-OH-PREGNE 17-OH-PREGNENOLONE, SERUM 17-OH-PROGESTERONE,LCMSMS 17-OH-PROGESTRN RESP,ACTH 17-OHCS and 17-Ketosteroids >>New 💌 Attribute Codes Associate ABNs Associate CPTs Associate AOE Instructions 💌 <u>C</u>ancel

The attribute screen will open up. To add the attribute, click on 'New'.

Type in the attribute name and click on OK. The attribute has now been created.

LabNewItem/Categ	ory	
Parent 1-Methyl-histic	dine,Qn,Pl	
Name	Qn	
1		
	<u>O</u> K <u>Cancel</u>	

To add the attribute code for that attribute, select the attribute and click on 'AttrCode'.

📮 1-Methyl-histidin	e,Qn,Pl			X
Set Reference Range Items	AttrCod	e M	ergeCode]
Name Qn 1-Methyl-histidine,Qn,Pl	Add to Flowshee	t LOI	NC®	
				•
New 🔻 Update LC	DINC® -	<u>0</u> K	<u>C</u> ancel	

Select the lab company from the lab list and enter the attribute code in the 'Code' column. Click OK.

Associating CPT

CPT can be associated for in-house labs so that when that test is ordered by the provider for a patient it automatically adds the associated CPT to the Billing section of the progress note. To associate the CPT to a lab go to EMR->Labs, DI & Procedures->Labs.

🞯 eClinicalWorks (Willis,Sam)						
Eile <u>P</u> atient <u>S</u> chedule	EMR Billing Reports CCD Fax Tools	s Community Meaningful Use Lock Help				
📵 eClini	Alerts					
	Immunizations					
Admin Re: Practice	Vitals	<u>+</u>				
	Labs, DI & Procedures	Labs				
🗾 🗾 🕺	Miscellaneous Configuration Options	; Merge Labs				
Resource Sche	Flowsheets	Diagnostic Imaging				
🤶 🗖	Flowsheet Manager	Procedures				
Jones,Mary 5	Rx Groups	Configure Labs & DI Categories				
	eCW Visit Codes	Insurance, Labs & DI Associations				
5	Specialty Forms	Labs & DI Alias				
Smith,John	Bubble Sheet Designer	My Labs, DI & Procedures Favorites				

This opens the Lab screen. Then lookup for the lab for which the CPT needs to be associated.

🛤 Labs								\mathbf{X}
Lookup	preg	_	Starts with	-	🔲 Show I	Inactive Orders		
Lab Company	All	👻 Туре	Both	-			Vi	ew Lab Codes
	Name		Joon					
Туре	PreGenPlus							
IH	Pregnancy Test, U	Irine						
	PREGNANCY TOX							
	Pregnanetriol, Uri							
	PREGNANETRIOL,							
	Pregnenolone							
	PREGNENOLONE							
	ew 🖣 Attribute Cod	100 000	ociate ABNo	A.5504	iate CDTc	Associate AOB	Instructions	<u>C</u> ancel
		ICS ASS		MSSU	Jace CPTS	Associate AU		

Highlight the lab and click Associate CPTs at the bottom. You can also double click on the lab to associate CPT.

🖻 Associate	CPTs 🛛 🔀
-Lab Code -	
Name	Pregnancy Test, Urine
🔽 InHouse	Midmark Item 🗨
🔲 Inactive	
🗖 Do Not P	ublish to Portal
Associated	CPT(s)
	<u>A</u> dd <u>Kemove</u>
CPT	Name
	<u>O</u> K <u>Cancel</u>

Then Click on Add and select the CPT that needs to be associated with that lab and press OK. The selected CPT would appear below the Associated CPT(s) as shown below. More than one CPT can also be associated to the same lab by clicking on Add and adding additional CPTs as needed.

🖻 Associate	CPTs 🛛 🔀
-Lab Code -	
Name	Pregnancy Test, Urine
✓ InHouse	Midmark Item
🔲 Inactive	
🔲 Do Not P	ublish to Portal
Associated	CPT(s)
СРТ	Name
81025	URINE PREGNANCY TEST
	<u>O</u> K <u>C</u> ancel

Once the necessary CPT codes are associated, press OK to close the 'Associate CPTs' window.

Inactivating Tests

In order to inactive tests so that they do not appear in the test dictionary as an orderable test, go to EMR->Labs, DI & Procedures->Labs and double click on the test you want to inactive or highlight the test and click on 'Associate CPTs.'

🖏 Labs	X
Lookup	Starts with 🔽 🗖 Show Inactive Orders
Lab Company	All Type Both View Lab Codes
Туре	Name
	Hematology *
	+CBC
	A1C
	Accutane Panel
	AFP, CEA, HCG
	Albumin
	Alkaline phosphatase
IH	Alphafetoprotein (AFP)
	ALT (SGPT)
	ALT(SGPT), AST(SGOT)
	Amiodarone level
	Ammonia
	Amylase
	ANA (Antinuclear Antibody)
	ANA Screen w/Reflex Titer
	Annual Physical Reminder
	Anti HCV antibody
	Anti SS a, Anti SS b
	Anti Thyroglobulin Antibodies
	Antinuclear Antibody (ANA)
	APE 39
	APE 40 64
	Appt
	Arthritis Profile
	ASO
<< >> Ne	ew 🖣 Attribute Codes Associate ABNs Associate CPTs Associate AOE Instructions 💌 ַ Cancel

The following screen will pop up. Check the 'Inactive' box and hit OK. The test will no longer appear in the test dictionary.

E	i Associate (CPTs	X
[-Lab Code		
	Name	11-Dehydro Thromboxane B2/Crt.	
	🗌 InHouse	Midmark Item	
	🔲 Inactive		
	Do Not P	ublish to Portal	
	-Associated (CPT(s)	_
		<u>A</u> dd <u>R</u> emove	
	СРТ	Name	
		<u>O</u> K <u>Cancel</u>	

In order to see the inactive labs display, click on 'Show Inactive Orders.'

Lookup	Starts with Starts of Show Inactive Orders							
ab Compan	y All 🔽 Type Both 🔽	View Lab Code						
Туре	Name							
	Hematology *							
	+CBC							
	A1C							
	Accutane Panel							
	AFP, CEA, HCG							
	Albumin							
	Alkaline phosphatase							
(H	Alphafetoprotein (AFP)							
	ALT (SGPT)							
	ALT(SGPT), AST(SGOT)							
	Amiodarone level							
	Ammonia							
	Amylase							
	ANA (Antinuclear Antibody)							
	ANA Screen w/Reflex Titer							
	Annual Physical Reminder							
	Anti HCV antibody							
	Anti SS a, Anti SS b							
	Anti Thyroglobulin Antibodies							
	Antinuclear Antibody (ANA)							
	APE 39							
	APE 40 64							
	Appt							
	Arthritis Profile							
	ASO							

The inactive tests will now display but will be grayed out.

NOTE: Inactivating tests does not delete the tests off the patients' records. It only removes the tests from the orderable labs list.

LOINC Codes

In eClinicalWorks version 8.0, LOINC codes can be entered. LOINC stands for *Logical Observations Identifiers, Names, Codes*. The LOINC laboratory terms set provides a standard set of universal names and codes for identifying individual laboratory and clinical results. LOINC codes allow users to merge clinical results from many sources into one database for patient care, clinical research, or management.

In eClinicalWorks, LOINC codes are NOT used in any interface transactions. They are loaded as a mapping in the compendium to uniquely identify the result components from many different sources. These mappings are then used to run Clinical Decision Support System (CDSS) and various different reports in eClinicalWorks.

To add/edit/view LOINC codes, go to EMR->Labs. Select a lab and click on Attribute Codes.

Lookup				Starts with	-	🗌 Show	Inactive	Orders		
ab Company	Quest	-	Туре	Both	-					
Туре	Name									
	ABL MUTATI	ON,CELL	-BASE	D						
	ABL MUTATI	ON,LEUM	IETA							
	ACANTHAMOEBA CULTURE									
	ACE INSERTION/DELETION									
	ACE INSERT	ION/DEL	ETION	NY,						
	ACETAMINO	PHEN								
	ACETAMINO	PHEN,QL	,URINE	=						
	ACETONE									
	ACETONE,Q	.,URINE								
	ACETYCHOL	INESTER	ASE,A	MFLD						
	ACETYCHOL	INESTER	ASE,N	Y						
	ACETYLCHO									
	ACETYLCHO									
	ACETYLCHOLINE REC MOD AB									
	ACHONDRO									
	ACHONDRO			ION						
	ACID HEMO									
	ACID PHOS,									
	ACID PHOSE		,тота	L						
	ACTH,PLASM									
	ACTIN(SMO			IGG)						
	ACTINOMYC		URE							
	ADENOVIRU									
	ADENOVIRU		4							
	ADIPONECT	IN								

The LOINC code will be displayed in the 'LOINC' column.

🛤 ACETONE	×
Set Reference Range AttrCode MergeCode]
Name Add to Flowsheet LOINC® ACETONE 5568-1	
	_
	<u> </u>
New Update LOINC®	
Update Remove	

To update the LOINC code, click on the 'Update LOINC' dropdown. The screen below will display. You can now select the relevant LOINC code and click on OK.

	Bylcom	C® CODE 💽 Starts With 💌				
DINC®	COMPONENT NAME	RELATED NAMES	PROPERTY	TIME ASPCT	SYSTEM	SCALE
-8	Acyclovin	Acycloguanosine; Acifur; Avirax; Zovirax; Susceptibility;	Susc	Pt	Isolate	OrdQn
)-9	Amdinocillin	Mecillinam; Pivmecilliam; Selexid; Amdinocillin pivoxil; Si	Susc	Pt	Isolate+Ser	Ord
00-8	Cefoperazone	Cefobid; Susceptibility; Susceptibilty; Sus; Suscept; Susc	Susc	Pt	Isolate	OrdQn
000-9	DBG Ab	Donna Bennett-Goodspeed; Arbitrary concentration; Poin	ACnc	Pt	Ser/Plas^BPU	Ord
0000-8	R wave duration.lead AVR	ECG; CARDIAC	Time	Pt	Heart	Qn
0001-6	R wave duration.lead I	ECG; CARDIAC	Time	Pt	Heart	Qn
0002-4	R wave duration.lead II	ECG; CARDIAC	Time	Pt	Heart	Qn
0003-2	R wave duration.lead III	ECG; CARDIAC	Time	Pt	Heart	Qn
0004-0	R wave duration.lead V1	ECG; CARDIAC	Time	Pt	Heart	Qn
0005-7	R wave duration.lead V2	ECG; CARDIAC	Time	Pt	Heart	Qn
0006-5	R wave duration.lead V3	ECG; CARDIAC	Time	Pt	Heart	Qn
0007-3	R wave duration.lead V4	ECG; CARDIAC	Time	Pt	Heart	Qn
0008-1	R wave duration.lead V5	ECG; CARDIAC	Time	Pt	Heart	Qn
0009-9	R wave duration.lead V6	ECG; CARDIAC	Time	Pt	Heart	Qn
001-7	DBG Ab	Donna Bennett-Goodspeed; Arbitrary concentration; Poin	ACnc	Pt	Ser/Plas^donor	Ord
0010-7	R' wave amplitude.lead AVF	R PRIME AMPLITUDE; ECG; CARDIAC	Elpot	Pt	Heart	Qn
0011-5	R' wave amplitude.lead AVL	R PRIME AMPLITUDE; ECG; CARDIAC	Elpot	Pt	Heart	Qn
0012-3	R' wave amplitude.lead AVR	R PRIME AMPLITUDE; ECG; CARDIAC	Elpot	Pt	Heart	Qn
0013-1	R' wave amplitude.lead I	R PRIME AMPLITUDE; ECG; CARDIAC	Elpot	Pt	Heart	Qn

Associating ABNs (Advanced Beneficiary Notice) to Tests

The Advanced Beneficiary Notice associates the type of coverage for a particular test for Medicare patients with payment source type C, MB, or MA, if Medicare is the primary insurance for a patient. The ABN prompts a notice if a particular test may not be covered by Medicare.

To associate a coverage type to a test:

1. From the EMR menu, select Labs from the 'Labs, DI, & Procedures' option. The Labs window opens.

2. Select the lab name and click Associate ABNs.

The Lab Codes window opens.

🖼 Labs						
Lookup		Starts with	👻 🔽 Show I	nactive Orders		
Lab Company	All	Type Both	-		View La	b Codes
Туре	Name					
	*GFR					
	1-Methyl-histidine,Qn,	24hr,Ur				
	1-Methyl-histidine,Qn,					
	1-Methyl-histidine,Qn,	CSF				
	1-Methyl-histidine,Qn,	,CSF				
	1-Methyl-histidine,Qn,	,Pİ				
	1-Methyl-histidine,Qn,	,PI				
	1-Methyl-histidine,Qn,	,Ur				
	1-Methyl-histidine,Qn,					
	11-Dehydro Thrombo					
	11-Dehydro Thrombo					
	11-DEOXYCORT RESP					
	11-DEOXYCORTISOL					
	11-DEOXYCORTISOL,	LC/MS/MS				
	11-Desoxycortisol					
	11-Desoxycortisol					
	17-alpha-Hydroxypro					
	17-alpha-Hydroxypro					
	17-Hydroxycort,24H+					
	17-Hydroxycort,24H+					
	17-Hydroxycorticoster					
-	17-Hydroxycorticoste					
	17-Hydroxypregnenol					
	17-Hydroxypregnenol					
	17-Ketogenic and Ket	osteroids				
<< >> N	ew 💌 Attribute Codes	Associate ABNs	Associate CPTs	Associate AOE	Instructions	<u>C</u> ancel

3. Use the ABN Type drop-down list to select the type of coverage:

🛢 Associate /	lBNs 🛛 🔀
Lab Code —	
Name Pap S	Smear, 1 Slide
ABN Type	None None Limited Coverage Frequency Based Experimental
- Associated C	Both (Limited/Frequency) PT(s) <u>A</u> dd <u>R</u> emove
СРТ	Name
	<u>O</u> K <u>C</u> ancel

- Limited: An ABN will be prompted if the mapping of the selected diagnosis codes for this visit and the CPT code for this test are not in the cpticdcodes table. If a valid mapping exists in this table, the ABN will not be prompted. (NOTE: ABN does not work with the CPT-ICD mappings from the application menu).
- **Frequency**: Some frequent tests may not be covered by Medicare, and an ABN appears each time this type of test is ordered.
- **Experimental**: A test might be considered experimental by Medicare, and an ABN appears each time this type of test is ordered.
- **Both**: (Limited/Frequency): An ABN appears each time both of these types of test is ordered.

4. Associate a valid CPT code with the test. Each test has a unique CPT code. This will be verified with the associated ICDs for the visit.

		Show Invalid CPT/HCPCS Codes										
	pl	All Codes	•	Active	•	Mas	shea	lth				
Code	Name	Fee	Cost	POS	TOS	ML	M2	M3				
V2430	PACEMER MON CHCK BATTRY AUI	\$0.00	\$0.00									
V2499	PACEMER MON CHCK BATTRY DIC	\$0.00	\$0.00									
T4529	PAD FOR WATER CIRCULATING H	\$0.00	\$0.00									
T2007	PAIL OR PAN USE WITH COMMOD	\$0.00	\$0.00									
C1300	PALATE/UVULA SURGERY	\$0.00	\$0.00									
S4028	PALATL AUG PROSTH SEE CODE 2	\$0.00	\$0.00									
S4030	PALATE LIFT PROSTH DENTV COD	\$0.00	\$0.00									
S4031	PALATE LIFT PROSTH INTRM CODI	\$0.00	\$0.00									
S4035	PALATE LIFT PROSTH MOD CODE	\$0.00	\$0.00									
\$9529	PALLIATVE TX DENTAL PAIN-MINC	\$0.00	\$0.00									
L5331	PANCA/CANCA	\$0.00	\$0.00									
D6781	PANCREAS SURGERY PROCEDURE	\$0.00	\$0.00									
D6609	PANCREATECTOMY	\$0.00	\$0.00									
D6612	PANCREATECTOMY	\$0.00	\$0.00									
D6613	PANCREATECTOMY	\$0.00	\$0.00									
D6614	PANCREATECTOMY	\$0.00	\$0.00									
D6750	PANCREATORRHAPHY	\$0.00	\$0.00									
G0302	PANORAMIC X-RAY OF JAWS	\$0.00	\$0.00									
L0140	PAPER CHROMATOGRAPHY	\$0.00	\$0,00									

5. After all CPT codes are selected, click OK.

The setup for the Advanced Beneficiary Notice is complete for the lab.

Associating AOEs (Ask-at-Order-Entry) questions to Tests

In many instances, the AOEs are given by the lab company and uploaded during the install. When the specific tests are ordered, the AOEs automatically pop up.

If you would like to create or add new AOEs for specific tests, go to EMR -> Labs, DI, & Procedures -> Labs. Select the Lab test you want to configure AOEs for and click the Associate AOE button:

Lookup	1		Starts with		nactive Orders					
ab Company	LabCorp	*	Type Both	-		View t	ab Codes			
Туре	Name									
	11-Desoxyo	ortisol								
	17-HYDROX	YCORTIC	OSTEROID							
	17-KETOSTEROIDS, URINE									
	726778 7+Alc-Unb									
	88305 Surg Path-1st Site									
	ABO Grouping and Rho(D) Typing									
	ACTH, Plasma									
	ADVANCED CARDIO RISK II									
	Aerobic Bacterial Culture									
	Albumin, Serum									
	Aldolase									
	Aldosterone, Serum									
	Alkaline Phosphatase, S									
	Alpha Subur	ut (Free)								
	ALT									
	ALT (SGPT)									
	Ambig Abbre	ev CMP14	Default							
	Ambig Abbre	ev HFP7 (Default							
	Ambig Abbrev LP Default									
	Ambiguous I									
	Ambiguous 1	Test Orde	se							
	Amylase, Serum									
	ANA w/Refle	ж								
	ANA+RA Qn									
	Androstened	tione								

NOTE: The test must be linked to an interface in order to associate an AOE

The Configure Ask at Order Entry Questions window opens:

			TSH		
		Associated AOE	Add New	Modify Existin	g
AB COMPANY	LabCorp				
Question		[*
Question Code					
Hints					
Required		No	•		
Maximum Chara	cters	0			
Field Type		Drop Down Options	- 🔁 🛋	dd new Option	×Delete selected
Options/Option	Onder		*		Г
options/option	codes		*		

Select the lab company used for this test from the Lab Company drop-down list and follow these steps:

- 1. Click the 'Add New' tab to add a new question, or click the 'Modify' button next to an existing question to modify it. Options to configure a new questions display.
- 2. Enter the desired question in the Question field.
- 3. If applicable, enter a question code in the Question Code field.
- 4. If desired, enter any hints in the Hints field.
- 5. Select whether answering this question is mandatory or not from the Required drop-down list.
- 6. Enter the number of maximum characters in an acceptable answer in the Maximum Characters field.
- 7. Select one of the following types of options from the Field Type drop-down list:

• Free Text - Select this option if you want providers to answer this question with any manually-typed text.

•Standard Text with Validation - Select this option if you want providers to answer this question with a specific type of text. If you select this option, a Details drop-down list displays with the following options:

• Alphabets Only - select this option if the expected answer contains only letters.

• Alpha-numeric - select this option if the expected answer contains both letters and numbers.

- Date select this option if the expected answer is a date.
- Numbers Only select this option if the expected answer contains only numbers.

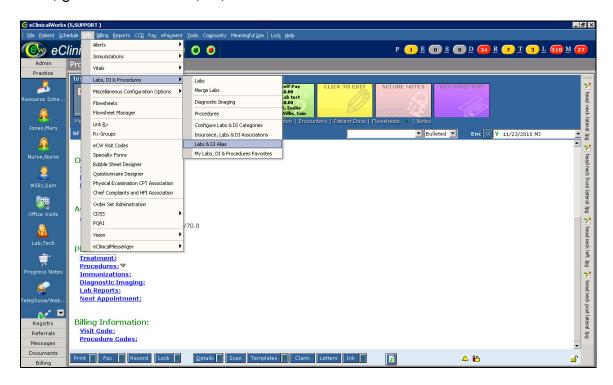
• **Drop-Down Options** - Select this option if you want to provide specific options for providers to choose from. If you select this option, an Options/Option Codes field displays, allowing you to enter the text and a code for each of the desired options. Click the Add New Option button to add more options, and check the boxes next to all options you want to include for this question.

• **Radio-Button Options** - Select this option if you want to display radio buttons for providers to choose from.

Click the Save button. An Ask at Order Entry Question is now configured.

Configuring Labs Alias

To group tests together while ordering, labs alias can be created. To setup an alias, go to EMR -> Labs, DI, & Procedures -> Labs & DI Alias.



To create a new alias, click on New and enter in a name and description.

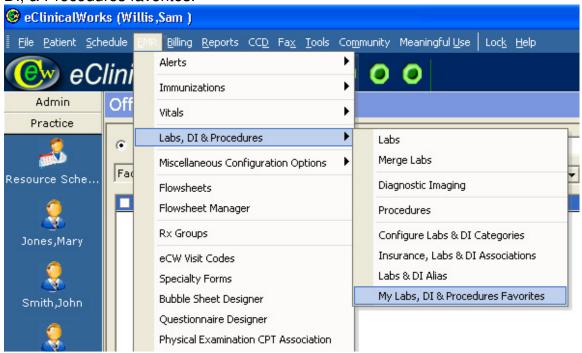
, Lab/DI Alias	l l
Groups	
LABS 💌	<u>N</u> ew Update <u>D</u> elete
Group Name	Group vescription
CBC	cbc
Glucose	All Glucose Labs
Lipids	Lipids
Phy Female	Annual Physical Female
Phy Male	Annual Physical Male
	Close

Then click on Add to select the tests associated with this alias.

🖨 LABS ALIAS		X
LABS ALIAS Name	e General Health	
<u>D</u> escriptio	General Health Panel	
Group Member	rs Add Rem	iove
Name 🚔 La	bs X	
Find	Both 🔽 🗖 Show Inactive Orders	
	Hematology * +CBC +CBC A1C Accutane Panel AFP, CEA, HCG Albumin Alkaline phosphatase Alphafetoprotein (AFP) ALT (SGPT) ALT (SGPT) ALT (SGPT) ATT (SGOT) Amiodarone level Ammonia Anylase ANA (Antinuclear Antibody) ANA Screen w/Reflex Titer Annual Physical Reminder	cel

Configuring Labs, DI and Procedure Favorites

Each user has the ability to setup a list of their favorite labs, diagnostic imaging and procedures. To set it up go to EMR -> Labs, DI, & Procedures -> My Labs, DI, & Procedures favorites.



In order to make your own list of lab favorites select Add.

🖻 My Labs , DI & Procedures Fav	orites 🛛 🔀
MY FAVORITE Labs	Add
MY FAVORITES	LAB COMPANY
	No Result.

Lab lookup screen pops up. Then find the lab by typing the name of the lab under the lookup tab. Highlight the lab and press ok. "Lab Name' has been successfully inserted in my favorites" will pop up and then press OK. Repeat the same steps to add more than one lab to the favorite list.

🖻 Labs	
Lookup cbc Starts with 💌 🗖 Show Inactive Orders	
Lab Company All Type Both	View Lab Codes
Type Name	
CBC	
CBC (INCLUDES DIFF/PLT) CBC With Differential/Platelet	
CBC(H/H,RBC,IND,WBC,PLT)	
CBC, Platelet; No Differential	
New V Attribute Codes Associate ABNs Associate CPTs Associate AOE Instruction	ons <mark>v <u>O</u>K <u>C</u>ancel</mark>



Once the all the labs are added, the My Labs, DI & Procedures Favorites screen looks like below.

🖻 My Labs , DI & Procedures Favorites	
MY FAVORITE Labs Add Remove	
MY FAVORITES	LAB COMPANY
Basic Metabolic Panel (8)	
CBC With Differential/Platelet	
Hemoglobin A1c	
Lipid Panel	

If a lab needs to be removed from the favorite list, check the box corresponding to the lab to be removed and press 'Remove' as shown in the screenshot below.

🛤 My Labs , DI & Procedures Favorites	×
MY FAVORITE Labs Add Remove	
MY FAVORITES	LAB COMPANY
Basic Metabolic Panel (8)	
CBC With Differential/Platelet	
Hemoglobin A1c	

The users also have the ability to make their own DI and Procedure favorites similar to that of the Lab favorites. To do so, from the 'My Labs, DI & Procedure Favorites' click on the drop down to switch among Labs, Diagnostic Imaging or Procedures and press Add to make your favorite list.

🛢 My Labs,	DI & Procedures Favo	rites	
MY FAVORITE	Labs	Add Remove	< .
MY	Labs Diagnostic Imaging Procedures	LAB COMPANY	No Result.

Adding a New Insurance Code in Insurances

If a new insurance is added, its corresponding carrier code must be added as well. The lab company can provide this code. To enter this code, go to File -> Insurances.



Select the new insurance and click on 'View Lab Ins. Codes'

3 Insurances					
ookup Insurance	Name	<u>N</u> ew <u>U</u> pdate	Del	ete	
Name	Address Line 1	City	State	Zip	Tel
AETNA	135 East Main Street	Westborough	MA	01545	589-865-6565
Blue Cross/Blue Shield	29 Old Mill Rd	Shrewsbury	MA	01545	123-455-6564
Harvard Pilgrim	499 Lincoln St	Worcester	MA	12653-1234	355-454-6464
< Prev Next > View Lab Ins.	Codes Copy				OK Cano

Enter the code provided by the lab corresponding to the lab name by double clicking in the Code column.

🖻 Insurance	Codes		
Name Insurance Co	Harvard Pilgrim		
Lab		Code	
Bendiner			
BioReference			
Generic			
Labcorp			
Quest			
			OK Cancel

Insurance/Lab Associations

Based on a patient's insurance, the associated lab tests can be displayed automatically for you to order in the 'Lab Reports' screen if the insurance has been linked to the specific lab company.

To configure this Insurance/Lab Association, go to EMR-> Labs, DI, & Procedures -> Insurance/Lab/DI Associations

😌 eClinicalWorks	(S,SUPP	ORT)							_ 8 ×
Eile Batient Sche	edule 📃	Billing Reports CCD Fag	<u><</u> ePa <u>v</u> m	ent	Icols Community Meaningful Use Lock	<u>H</u> elp			
🕑 eCi	lini	Alerts		•	0 0		P 🚺	E 🕜 S 🕜 D 👩	<u>R</u> 7 <u>T</u> 3 <u>L</u> 510 <u>M</u> 27
Admin	_	Immunizations		×					
Practice	Re	Vitals		•					
<u> </u>		Labs, DI & Procedures		•	Labs		Facility		
		Miscellaneous Configuration	Options	Þ	Merge Labs	🥵 🧊 (1) 🔊 Paste 🕸	All	•	
Resource Sche		Flowsheets			Diagnostic Imaging				
		Flowsheet Manager			Procedures	Novemb	oer 23, 2010		<u> </u>
Jones,Mary	5	Link <u>R</u> ×			Configure Labs & DI Categories				
0		R× Groups			Insurance, Labs & DI Associations				
	7	eCW Visit Codes			Labs & DI Alias				
Nurse,Nurse	14 21	Specialty Forms			My Labs, DI & Procedures Favorites				
<u> </u>	28	Bubble Sheet Designer							
🔹 🕹		Questionnaire Designer Physical Examination CPT As:							
Willis,Sam		Chief Complaints and HPI As							
8		Order Set Administration	sociación	-					
Office Visits		CDSS							
childe visits	日	PORI							
	E	Vision							L.
Lab,Tech		eClinicalMessenger							
÷.	-	ecinicalmessenger	:3						
-			:4						
Progress Notes			12 :0						
<i>~</i>			12 :11						
			PM	5					
Telephone/Web			:0						
i 📝 🗹		Resources:	1 - 13	5					
Registry	Lab		1 :3	0					
Referrals		aSound Room	:4						
Messages									
Documents			2 :1						
Billing									

Select the lab company from the drop down and click on Configure.

nfigured Lab Compani eneric	•			@ <u>C</u> onfigure
endiner				
oReference	3S	ADDRESS 2	CITY	STATE ZIP
eneric Ibcorp				
Jest				

Select the insurance you want to associate with this lab company and click on the 'Add' button. This will move the insurance to the 'Member Insurances' box below.

ookup insurance by	/ Individual Insurances 💌	Nam	e	<u> </u>
Name	Address Line 1	City	State	
Aetna	234 Oak st	Westboro		01581
Harvard Pilgrim	499 Lincoln St	Shrewsbury	MA	01545
Medicare	1 main st	waltham	MA	02452
NY medicaid test				
RXHUB				
Surescripts	DO NOT DELETE USED BY	ELIGI		
			Add	<u>R</u> emov
tember Insurances	Address Line 1	City	State	Zip
1ember Insurances	_	City Westboro		
tember Insurances	Address Line 1			Zip
tember Insurances	Address Line 1			Zip
tember Insurances	Address Line 1			Zip
lember Insurances	Address Line 1			Zip
lember Insurances	Address Line 1			Zip
lember Insurances	Address Line 1			Zip

Repeat this process if you want to associate multiple insurances with the lab company.

Once this association has been done, whenever a provider orders labs for patients who have the specific insurances associated above, the lab company will automatically display in the 'Lab Company' dropdown and all the tests for that lab company will be displayed in green.

Patient: Test, Phone: 838-74 Address: 22 Mi Lab Req No: 91 Provider: Sam	7-4839 Street, We .10.23037	rimary Sthoro Chart	20/1978 Age 20 Y 7 Insurance: Aetna . MA-01581 No: 9110 Pounter Date: 09/25/200		c: Female
Labs Drder Options Leb Company Generic Lookup ORDER NAME CBC WITH DIFF CBC WITH DIFF Cervix and Endocervix CHEM 7 PANEL H. PYLORI Soft Tissue test1 ThinPrep w/ imaging Uterus - with Tubes and Ovar	By Order Name S S	Future starts wi	Today's Labs S F Description Creatinine Clearance Future Labs Order Date 10/16/2000 v Update Description Orde	Remove Remove rr Date	Assessments Current Order : ACTH, Plasma
<< >> <u>N</u> ew v	Quick Transmit	Q <u>u</u> ick Print	Add Standing Orders		Bill To Physician Account

The provider can now select the correct labs that are associated to the patient's insurance.

Adding a Provider Code for a New Provider

If a new provider is added to the practice, then his/her corresponding provider code/mnemonic must be added as well. The lab company can give this code. To enter this code, go to File -> Interface Dashboard.

6	e e	ClinicalV	Vorks (W	illis ,S	Sam)	
I	Eile	Patient	<u>S</u> chedule	EMR	<u>B</u> illing	<u>R</u> e
1		Insuranc	es			
5		P <u>h</u> armaci	ies			
		<u>A</u> ttorney	s			
		<u>E</u> mployer	's			
		Insuranc	e Groups			
		Case Ma	nagers			
R		Lab Com	panies			
		<u>G</u> uaranto	ors			
		Provider Numbers				
		Data by Facility				
		Referring Physicians/Insurances				
		Refresh Counts				
		Mandatory Fields				
		<u>F</u> acilities				
		Facility G	iroups			
		User Gro	ups			
		<u>T</u> emplate	s			
		Zip Code	s			
		Managen	nent			►
		Reconcile Interface Results				
		Interface	e Dashboar	d		
		Security	Settings			

This opens the Interface Dashboard window.

Under Clinical Tab-> 'Interface Name' dropdown select the Lab Company. Select 'Doctor Codes' under 'Mappings'. Enter the provider code given by the lab company in the 'Code' column corresponding to the provider and press OK.

	Interface Dashboard							
			CLINICAL		E MANAGEMENT	IMMUNIZATIONS		
						Interface Name Q	uest	
APPINGS							Show Refer	ny Providers
UARANTOR RELATION		Name			UPIN	NPI	Code	
ASTING FLAG		Jones, Mary			UPINSW	999999995		
THNICITY CODES	PCP	Smith, John			UPINJS	9999999996		
ANGUAGE	PCP	Willis, Sam			9478237623	9478237623	12345	
IARITAL STATUS								ОК
RIORITY								
ACE CODES								
PECIMEN COLLECTION								
OCTOR CODES								
XT GENDER CODES								
PORTS								

Lab, DI & Procedure Order screen Modern View

In version 9, a newer 'Lab, DI, Procedure Order screen' can be viewed from the Treatment window of a patient's progress note. It is called Modern View. There is a setting that lets the users to switch to this view. It is found under File->Settings->My settings->Views->Lab/DI/Procedure order screen->Modern View. Since this is controlled under My Setting each user need to change it on their end.

Settings for Willis,Sam						×
eClinicalWorks P2P						
 Defaults Defaults 2		My R	esources	Warnings		vMsg Preference
My Providers User Settings	2	Physician	Reference	Views		Show/Hide
Claims Lookup		Pmts/Refunds	• Pmts/Adjust	Adjustments	Vith	neld 🦳 Transfer Days
Rx List View for Print and Fax	•	Modern View	C Classic View			
Alerts	۲	CDSS	C Classic Alerts	🔲 Both		
Manage Rx	۲	Modern View	C Classic View			
Rx Edit	e	Modern View	C Classic View			
Patient Labs, DI and Procedure Hx	œ	Modern View	C Classic View			
Cumulative Lab Report	œ	Modern View	C Classic View			
Formulary Rx Screen	С	Modern View	Classic View	_		
Lab/DI/Procedure Order Screen	G	Modern View	C Classic View]		
Apply Medication Summary Modern View in	•	Current Medica	tions (Progress No	tes)		
	☑	Current Medica	tions (ManageRx -	Modern View)		
	V	Progress Notes	Right Panel			
	7	Rx History (Pat	ient Hub)			
	V	Telephone Enco	ounter			
Quick-Launch Buttons \overrightarrow{P} <td< th=""><th></th><th></th><th>✓ M IV A IV 6 L 13 M</th><th></th><th></th><th></th></td<>			✓ M IV A IV 6 L 13 M			
Configure My Assigned Favorites	С	opy My Settings				<u>O</u> K <u>Cancel</u>

When a user switches to Modern view for Manage Rx and Lab/DI/Procedure Order screen from My Settings->Views and logs out and logs back into eClinicalWorks, the Add Rx screen and Lab screen, accessed from the treatment window changes.

When a user from a patient's progress note clicks on Treatment and Selects 'Add' under Rx the screen below appears.

Manage Orders				\mathbf{X}
Medication Summary	Add New Rx	Add New Order		
ASSESSMENTS	Rx Type All Rx	▼ Search Starts With	= Standard Show G	Standard 🔿 My Favorites 🔿 Both 📢
Pre <u>v</u> Dx 🕈 A <u>d</u> d = <u>R</u> emove	Find		Show Discontinued	
🗹 250.00 Diabetes mellitu	Di Strength Form.	Take		Duration Disp Refill AWP(\$)
□N/A Other	Di Strengtn Form.	lake	Koute Freq. [1	Juration Disp Refill AWP(\$)
				New 🔻 Add Custom 🔻
	Selected Rx			
	250.00 Diabetes mellitus wit	hout mention of complication	on Stop Date Stop Date	
	in other		Jocop Baco	
<u></u>	0			
		<u>0</u> K		

From the same window a user can click on 'Add new order' to order lab.

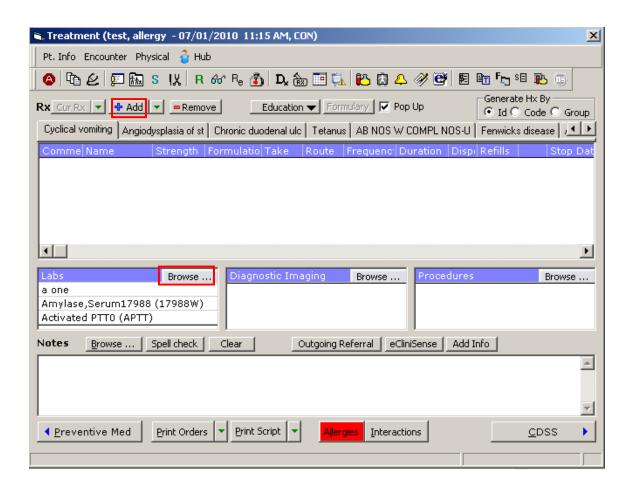
If a user from a patients progress note clicks on 'Treatment' and selects 'Browse' under Labs or 'Lab Reports' from the progress note the screen below appears.

Medication Summary	Add New Rx	Add New Order	
Assessments	Lookup:	By: Order Name 💌 Starts With 💌 Type: Both 🛛 🚽 🔮 Lab 🔍 DI 🔍 Proced	ure
Prev Dx Add	Lab Company: All 💽		
Select All	Order Name	Lab Companies	
	Hernatology *		
	+CBC		
	A1C	QuestHS	
	Accutane Panel		
	AFP, CEA, HCG		
	Albumin		
	Alkaline phosphatase		
	IH Alphafetoprotein (AFP)		
	ALT (SGPT)		
	ALT(SGPT), AST(SGOT)		
	Amiodarone level Ammonia		
	New	Previous N	ext
	Today's Orders	Future Orders Order Date 11/23/2	010
	🚍 🗖 S 🗖 F IH Description	🗢 📮 T 🗖 S 🗖 F IH Description Order Date 🧲	
		📕 Bill To Physician Acc	punt
Quick Transmit Quick Pr	rint	Pathology Detail Add Standing Order	s
		ок	

Ordering a Test in Modern View

To order a test, go to the progress notes for a patient.

From the progress note select the assessment and click on Treatment. From the treatment window click 'Add' next to Rx if medications needed to be prescribed and click on 'Add new order tab' from that window to order lab or just click on Browse next to Labs to order labs directly.



Lab order screen can also be accessed from Progress Note by selecting Lab Reports.

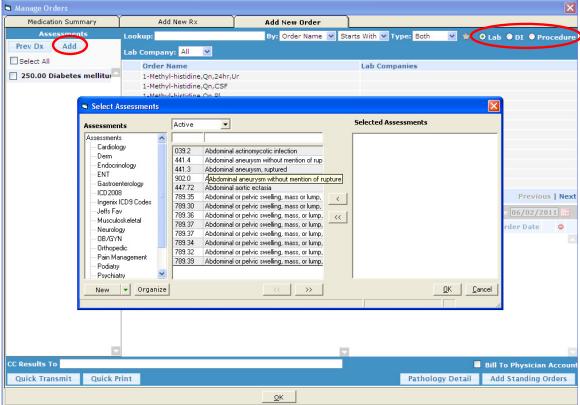
Progress Notes 🛛 🗸
tect allower 20 V. F. and tet that
test, allergy , 39 Y, F Sel Info Hub 123 abc street Allergies Appt(L):07/02/10(5W) Ins: Medicaid CLICK TO EDIT SECURE NO
X Inc. Indexade CELECR TO EDIT SECORE AC Misciples Billing Alert Bota Celecr To EDIT SECORE AC Misciples Billing Alert Construction Celecr To EDIT SECORE AC Misciples Billing Alert Construction Celecr To EDIT SECORE AC Misciples Billing Alert Construction Celecr To EDIT SECORE AC Misciples Celecr To EDIT Celecr To EDIT SECORE AC Misciples Celecr To EDIT Celecr To EDIT SECORE AC Misciples Celecr To EDIT Celecr To EDIT SECORE AC
Medical Summary CDSS Labs DI Procedures Growth Chart Immunization Encounters Patient Docs Flowsheets 👻
SF
AB NOS UNCOMPLICAT-UNSP
Lab:a one (Ordered for 08/28/2010)
NOTES
Gastric rupture's
Lab:-*REPORT COMMENTS88888 (88888) (Ordered for 08/24/2010)
Hello Notes1
Arrhythmia
Lab:Amylase,Serum17988 (17988W) (Ordered for 08/12/2010)
Lab:-*REPORT COMMENTS88888 (88888) (Ordered for 08/13/2010)
Procedures:
Immunizations:
Pneumococcal : 999nullnull.
Surgical Posting:
Diagnostic Imaging:
Lab Reports:
Lab:Alkaline Phosphatase67686 (67686R) (Ordered for 08/12/2010)
Lab:Blank testing
Lab:Alkaline Phosphatase67686 (67686R) (Ordered for 08/12/2010)
Lab:A- My instructions (Ordered for 08/26/2010)
Lab:Albumin17517 (17517W) (Ordered for 08/28/2010)
Preventive Medicine:
Next Appointment:
Billing Information:
Dining Information:

The modern lab view window opens:

Manage Prescriptions				×
Medication Summary	Add New Rx	Add New Order		
Assessments	Lookup:	By: Order Name 💌 Sta	rts With 🔻 Type: Both 🛛 🚽 🔶	9Lab €DI €Procedure
Prev Dx Add	Lab Company: All 💽			
Select All	Order Name		Lab Companies	
	Hernatology *			
	+CBC			
	A1C		QuestHS	
	Accutane Panel			
	AFP, CEA, HCG			
	Albumin			
	Alkaline phosphatase			
	IH Alphafetoprotein (AFP)			
	ALT (SGPT)			
	ALT(SGPT), AST(SGOT) Amiodarone level			
	Amnodarone level			
	New			Previous Next
	Today's Orders		Future Orders	Order Date 11/23/2010
	🚍 🗖 S 🗖 F IH Description	•	T S F IH Description	Order Date 😑
				📕 Bill To Physician Account
Quick Transmit Quick Pr	int		Pathology Detail	Add Standing Orders
		<u>o</u> k		

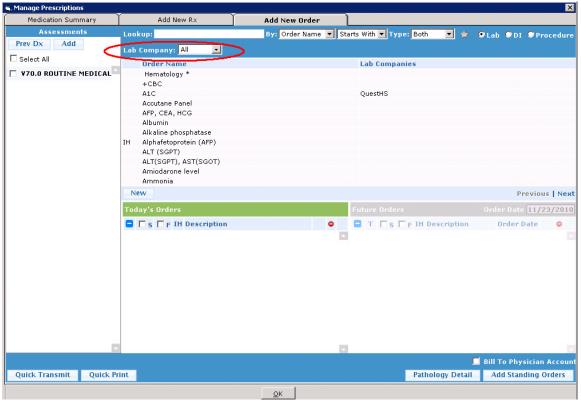
On this screen, three radio buttons are present representing 'Lab', 'DI' and 'Procedure'. It will bring the corresponding Lab, DI or Procedure ordering screens.

To add assessment (if not added earlier), click on 'Add' under Assessments from the left panel. Select the assessment you want and it will appear under the 'Selected Assessments' section. To remove the assessment, select it from the right panel and click on the left arrow. To save your changes click on OK.



The selected assessments will now display in the left panel under 'Assessments'. To associate different labs with different assessment, check the radio box corresponding to the assessment that is to be associated with tests, before ordering them and then order the tests.

To order tests, select the name of the lab from the 'Lab Company' drop down to display all labs associated with that lab company.



The lab list is the same list as under EMR -> Labs, DI, & Procedures -> Labs.

You can look up for the favorites lab that was created under EMR-> Labs, DI, & Procedures->My Labs, DI, & Procedures favorites by clicking on the star icon as shown below.

EMR Billing Reports CCD Fax	Tools Community Meaningful Use	Lock Help		
Manage Orders				
Medication Summary	Add New Rx	Add New Order		\frown
Assessments	Lookup:	By: Order Name 🔻 Si	tarts With 🔻 Type: Both	🛧 🏓 Lab 💿 DI 💿 Procedure
Prev Dx Add	Lab Company: All 🔻			\smile
Select All	Order Name		Lab Companies	
401.1 Essential hyperter	Basic Metabolic Panel (8)			
	CBC With Differential/Platele	t		
	Hemoglobin A1c Lipid Panel			
	Elpio i andi			
	New My Defaults			Previous Next
	Today's Orders			Order Date 06/28/2011
	S F IH Description	•	📮 T 🔲 S 🔲 F IH Descri	ption Order Date 🗢
	2			
CC Results To				Bill To Physician Account
Quick Transmit Quick P	rint		Pathology [Detail Add Standing Orders
		<u>o</u> k		

You can look up labs by either 'Order Name', 'Component Name', or 'Alias.'

Order name will display the orderable tests whereas **Component name** allows you to search by the test attribute. It will display all the orderable tests that contain that specific component.

For example, searching 'Glucose' as the Order Name will display:

Realized Prescriptions		,				<u> </u>
Medication Summary	Add New R×	Add New Order				
Assessments	Lookup: glu	By: Order Name 💌 St	arts With 💌 Type: Both	- 🚖	● Lab ● D	I © Procedure
Prev Dx Add	Lab Company: All 💽					
	Order Name	Alias Name	e Lab Co	npanies		
V70.0 ROUTINE MEDICAL	H Glucose	Glucose				
	New				1	Previous Next
	Today's Orders		Future Orders			e 11/23/2010
	😑 🗖 S 🗖 F IH Description	٥	🗖 T 🗖 S 🗖 F IH D	escription	Order	Date 🗢
E				1	Bill To Ph	⇒ ysician Account
Quick Transmit Quick Pr	int		Patho	J logy Detail		ysician Account nding Orders

Searching 'Glucose' as the Component will display:

Nanage Prescriptions		<u>×</u>
Medication Summary	Add New Rx	Add New Order
Assessments	Lookup: glucose	By: Component 🔊 Starts With 💌 Type: Both 🛛 🖈 🔍 Lab 🔍 DI 🔍 Procedure
Prev Dx Add	Lab Company: All	
🗖 Select All	Order Name	Component Name Lab Companies
V70.0 ROUTINE MEDICAL	Chem 7 (BUN,Cr,Lytes,Glu)	Glucose
	CMP	Glucose
	IH Urinalysis	glucose, Glucos
	New	Previous Nex
	Today's Orders	Future Orders Order Date 11/23/2010
	S F IH Description	T S F IH Description
	-	
F	4	
		Bill To Physician Accour
Quick Transmit Quick P	rint	Pathology Detail Add Standing Orders
1		OK

The **Alias** option allows you to lookup tests for which you have created aliases. This feature allows you to group and display tests together in the Lookup screen under the Alias name for you to order. Alias are created from EMR->Lab, DI & Procedure->Lab & DI Alias.

EMP	Billing <u>R</u> eports CC <u>D</u> Fa <u>x</u> Tools	Co	<u>m</u> mu	nity I	Meanin	igful <u>U</u> se	Loc	: <u>k H</u> elp
	Alerts	Þ			0			
	Immunizations	۲		<u> </u>	~			
	Vitals	۲						
	Labs, DI & Procedures	Þ		Labs				
	Miscellaneous Configuration Options	Þ		Merge Labs				
	Flowsheets			Diagnostic Imaging				
	Flowsheet Manager			Procedures				
	Rx Groups			Configure Labs & DI Categories				
	eCW Visit Codes			Insurance, Labs & DI Associations				
	Specialty Forms			Labs & DI Alias				
	Bubble Sheet Designer			My Labs, DI & Procedures Favorites				
	Questionnaire Designer							
	Physical Examination CPT Association							
	Chief Complaints and HPI Association							
	Order Set Administration							
	CDSS	۲						
	PQRI							
	Vision	۲						
	eClinicalMessenger	Þ						

To add labs to your current order, click on the 'Today's Orders' tab (it will be highlighted in green). Then select the assessment by checking the box corresponding to it, look up for the lab and click on the lab to order it. This makes the lab fall under Today's Orders tab with the linked assessment below it.

Manage Prescriptions				×
Medication Summary	Add New Rx	Add New Order		
Assessments	Lookup:	By: Order Name	▼ Starts With ▼ Type: Both ▼	🚖 오 Lab 🔍 DI 🔍 Procedure
Prev Dx Add	Lab Company: QuestHS 💌			
🗹 Select All	Order Name		Lab Companies	
V70.0 ROUTINE MEDICAL	A1C		QuestHS	
	New			
				Previous Next
	Today's Orders		Future Orders	Order Date 11/30/2010
	😑 🗖 S 🗖 F IH Description		T S F IH Description	ion Order Date 🖨
	🗖 🗌 🔲 A1C		•	
		E MEDICAL EXA	ĸ	
	Accutane Pan		•	
	V70.0 - ROUTIN	IE MEDICAL EXA	\sim	
			\mathbf{X}	
			\sim	
			\mathbf{X}	
			\mathbf{X}	
				Bill To Physician Account
Quick Transmit Quick Pr	int		Pathology Do	etail Add Standing Orders
		<u>о</u> к		

If you need to enter in any test specific information, click on the ellipsis next to the test name. The following screen appears:

🖹 A1C	×
Reason	Assessments
▼	✓ 250.00 Diabetes T II
Specimen Source	
· · · · · · · · · · · · · · · · · · ·	
Specimen Description	
•	
Collection Volume Units	
Notes Time stamp Browse Age	
Notes <u>T</u> ime stamp <u>B</u> rowse	
-	
Internal Notes	
Clinical Info	
A	
<u>о</u> к	Cancel

Enter in any specific information for that test. To transmit a test specific note, enter it in the Clinical Info box. This information will print on the eReq and will transmit in the order message. Click on OK to save the data.

If this order needs to be billed to the physician, then check the box for 'Bill to Physician Account' in the lower right corner of the ordering screen.

Once you have selected your labs to order, click on 'Quick Transmit.'

Note: Quick Print button is to print the lab order form for uni-directional interfaces. This option should not be used for bi-directional interfaces.

Some lab companies require additional information for specific tests. For these tests, you will be prompted the Ask at Order Entry Questions (AOE) when you click on 'Quick Transmit'. Fill in the answers for these AOE prompts and click on OK. These AOEs will be transmitted in the order file and will display on the eRequisition.

a Ask at Order Entry			
		Ask at Order Entry Questions	<u> </u>
		CYCLOSPORA/ISOSPORA EXAM	
LAB COMPANY	Generic	~	
Question		Answer	
SOURCE			
		OKCancel	

After clicking on OK, the Quick Transmit screen will display. Select the labs you want to transmit, as well as the collection date and time.

If you want the order assigned to a specific individual, select that person from the 'Assigned To' box. Otherwise, leave it blank.

Select the lab company from the Lab drop down to which you want to transmit the order.

If there is a clinical note that will apply to all the labs, it can be entered under the 'Clinical Information' option on the Quick Transmit screen (highlighted in red below). Click on Transmit to send the order.

Select All Image: Select	LAB CO. QuestHS
A1C	
	QuestHS
Accutane Panel	
Collection Date Time	Actual Fasting
▼ 11/30/2010 ▼ 02:41 PM	Not Recorded
Assigned To	
Nurse, Nurse	▼
Select Lab	
QuestHS	
(Clinical Information)	
Transmit	Cancel
Tiguistik	24.00
Clinical Information	Cancel

A printer dialog box will appear to print out the eRequisition.

* T E S T 5 5 - 2 2 4 8 7 *	Vendor: eClinicalWorks eREQ	
Client Information:		
Name: eClinicalWorks Address: 110 Turnpike Road, City, State, Zip: Westborough, MA, 01581	Account No: 686868 Phone Number: 508-842-2	2070
Requisition/Physicican Information:		
Reg/Ctrl# (CD-): 22487	Provider Upin: 12345	
Physicaian Name: Willis, Sam	Provider NPI: 24681357	
Patient Information:		
Name: TEST,ZEE	Date of Birth: 12/12/1985	
ID: 9109 Phone: (849)503-8237	Sex: Male SSN: 346-45-6156	
Coll Date: 09/19/2008	Coll Time: 10:13:00	
Con Date: 09/19/2008	Con Time: 10:13:00	
Responsible Party/Insured's Information: Name: Test, Zee	Relationship: Self	
Address: 87 Boston Turnpike Shrewsbury MA 01545	Kelationship. Sen	
Primary Billing: Insurance		
Medicare#:	Medicaid/HMO#:	Worker's Comp?
Insurance Co Name : AETNA	Payor/Carrier Code:	Physician's Provider#:
Insurance Address: 135 East Main Street, City, State, Zip: Westborough, MA, 01545	Subscriber/Member# :	Group Number:
Tests Ordered: Comments:	AOE:	Diagnosis Codes: STAT: FASTING
C-Peptide - C-Peptide		277.3
Authorization - Please sign and Date: I hereby authorize the release of medical information relat	ed to the services described hereon and auth	orize payment directly to Regional Medical
Labs.		in the payment an early to regional modeal
Patient Signature	Date	
Physician Signature	Date	
Print Select Printer Print Preview		

If the labs selected do not have corresponding codes for the lab company, the following error box will pop up after the 'Transmit' button is clicked.

eClinicalWorks
'ACTH, Plasma' does not have a lab code for 'Generic' so could not be transmitted. Do you want to add lab code now?
Yes No

If you want to add the code now, click on Yes and enter in the code as described in the previous sections.

🛱 Lab Codes		
Lab/Imaging ACTH, Plas	sma	
Lab Codes		
Lab	Code	
Bendiner		
BioReference		
Generic		
Labcorp		
Quest		
1		
		OK Cancel

If you do not want the eReq to print but only want to transmit the lab, click on the arrow next to the Transmit button and select 'Transmit Only'

Note: Check with the vendor is this is acceptable, as many vendors require the paper requisitions along with the electronic order

Select All Select All UAB CO. AlC QuestHS QuestHS QuestHS Select Lab Not Recorded QuestHS Image: Clinical Information If ansmit Cancel Print: Only Print: Only Fase Rea Print: Labels	🐂 Transmit Labs	×
Image: NAME LAB CO. Image: ArtC QuestHS Image: QuestHS Image: QuestHS Image: QuestHS <th>Select All</th> <th></th>	Select All	
Collection Date Time Actual Fasting Collection		
Assigned To Select Lab QuestHS Clinical Information Iransmit Print Only Fax Req		
Select Lab QuestHS Clinical Information Iransmit QuestHS Print Only Fax Req	12/20/2010 🔽 03:02 PM Not Recorded	-
Select Lab QuestHS Clinical Information Iransmit QuestHS Print Only Fax Req	Accianad To	
Select Lab QuestHS Clinical Information Iransmit Cancel Print Only Fax Req		1
Clinical Information Iransmit Difference Print: Only Fax Req		
Clinical Information	Select Lab	
Itensmit Cancel Print Only Transmit Conly Fax eReq Fax eReq	QuestHS	-
Itensmit Cancel Print Only Transmit Conly Fax eReq Fax eReq	, 	_
Print Only Transmit Only Fax eReq	Clinical Information	
Print Only Transmit Only Fax eReq		
Print Only Transmit Only Fax eReq	Transmit 🖳 Cancel	
Transmit Only Fax eReq		
Fax eReq		
	Transmit Only	
Transmission Report	Transmit Only Fax eReq	_

If you do not want to transmit the lab at this time and would just like to print or fax the eRequisition, then click on the arrow next to the Transmit button and select either 'Print Only' or 'Fax eReq'. This will just print or fax the requisition but will not transmit the order.

Order Transmission Based on Specimen Collection

eClinicalWorks has the ability to indicate in an order message whether the specimen was collected in-house or whether the patient goes to a Patient Service Center (PSC) for specimen collection. Depending on the vendor's capability to support this information, this feature is turned on accordingly from the backend.

With this feature turned on, the provider will see a 'Sp' column next to the labs in the Quick Transmit screen. Selecting this column indicates the specimen was collected in-house. Deselecting this column indicates the specimen was NOT collected in-house. Accordingly, this information is sent in the order message and printed on the eRequisition.

Transmit Labs
▲ Sp ✓ ✓ ✓ ✓ ✓ F] Q-ALT (2008-10-23)
Collection Date Time Image: Provide the state of the state
Assigned To
Select Lab QuestBi ▼
Iransmit Cancel

The default setting for this column can be setup as described below:

Configuring the Specimen Collection Status for Labs

The '*Specimen Collection*' box for labs can be configured as selected (checked) by default from Practice Defaults.

To configure the default *Specimen Collection* status for labs:

1. From the File menu, hover over the Settings option to open a drop-down list.

- **2.** From the drop-down list, click the Practice Defaults option. The Practice Defaults window opens.
- **3.** Click the Labs tab. The Labs options will display.
- **4.** Check the *Select 'Specimen Collection' for current labs while transmitting* box: -This will always default the 'Sp' box to be checked upon transmission.

, Practice Defaults	×
Default values set here will be applied to all computers in all offices across the	e practice. Please make sure to choose proper defaults.
Front Office Mid Office Interface General Labs Styles Performance ✓ All orders must be associated with assessment(s) while ordering ✓ Change appointment provider to ordering provider when transferring later from future to current visit ✓ Allow ONLY selection of specimen source and description in lab review ✓ Show ONLY outstanding and unreviewed Future Orders in order screen ✓ Select 'Specimen Collection' for current labs while transmitting - Option must be enabled for the supporting lab interface. ✓ Select the logged in provider as the default provider while ordering labs ✓ Mark In House lab as received if results are entered manually	b Lab / DI Default Company Lab Company None DI Company None - User level default will overwrite the
Do not allow transfer of reviewed future orders to current visit.	Never
Show notes on Progress Notes for Past Results	
 Show Lab Results on Progress Notes Show Labs/DI/Procedures notes Show only In-House labs results 	DI Company Never Save Setting for Future Orders
Lab Results	Lookup Date Range For Viewing
 Assign results to referring provider Assigns to ordering provider if referring provider is an external provider Enable 'Result Based Billing' interface (MUST be enabled for the interfaces as well) CPTs and diagnosis codes are associated with lab codes upon arrival of the result. Send copies of lab results to providers in the 'CC list' (internal providers ONLY) Option must be enabled for the supporting lab interface. 	Lab Cumulative Report: 1000 days View All Reports by Patient: 100 days Maximum number of reports for the 6 same test in Cumulative Report - Web View of Cumulative Report must be enabled
	<u>O</u> K <u>C</u> ancel

All ordered tests for a patient can be viewed in the progress note of that visit. Also it can be viewed under Labs in Patient's Hub or patient dashboard in the progress note. If the ordered lab were assigned to a staff it can be view in that staff's L jelly bean.

Transmitting Future Orders

eClinicalWorks has the ability to transmit future orders to the vendor. This feature is enabled if the vendor has capability of accepting these future orders and is typically used in the scenario where specimens are not collected in-house.

To order future tests, select the 'Future Order' tab (it will be highlighted in green) and change the order date by picking a future date and select the tests from the top panel. These will be moved down to the circled tab.

C	urrent Meds			Add N	lew Rx	Add Net	w Order										
٨	ssessments	Loo	k up:			By: Order Name		Starts V	With 💌	Тур	e: Both		* 0	DLab 🔘	DI 0	Proc	edure
Prev	Dx Add	Lab	Come	pany: 🔇	uest.												
Select All				Name			Alias	Name			Lab	Compar	tires.				
□ 456.5 □ 382.01 □ 008.61 □ V03.7 □ 653.80	Cyclical vomiting Angodysplasia of stomach and duodenum (without mention of hemorrhage) Chronic duodenal ucler with perforation and obstruction Tetanus AB NOS W COMPL NOS-UNSP	н	-"my t -"REP(OLGO: -ELECT -EL	est (code ORT COM KIN LEVE) RROLYTES PROFILE Instructio EMOGLOR Smooth N ted PTT0 al Ab w/rt n17517 (; ns IDN (DBS)58844 (58 Iuscle) Ab (IgG)150-	844) 43 (150	Bhavin				Que Que Que Que Que Que Que Que Que Que	st st, Fake L st st st st st st, Medite st, GHS, I st, Medite st, Medite	ab, Generic sch Keditech sch, Generic				
756.0	Fennicks disease	N	ew						-	-					Previ	0.00	-
414.00	ASHD-CAD	SUT						C	Futur	e Ord	kr			Order D	ate 09	/03/2	2010
653.90	AB NOS UNCOMPLICAT- UNSP		E is	E.	Description			•		-	is Ef	Descr	iption		Date		-
729.5	Finger Pain		Г		Activated PTTO 456.5 - Cyclical v			•					- Chroni	. 08/24	/2010	-	•
□ v70.7	Gastric rupture's				008.61 - Chronic	duodenal ulcer wit						382.01	- Angiod Gastric				
737.30	Gastric acidity's	-	-			hatase67686 (6768		•	-				Castric	08/26	/2010	1001	
653.70	Arrhythmia A8 NOS W COMPL	8	-		Blank testing			•					- Chroni				
0.037.00	NECKINSP	1	Г		456.5 - Cyclical v Actin (Smooth 15043	ombing Muscle) Ab (IgG) splasia of stomach		•	-	• r		456.5 A- My	Cyclca instructi	08/26	/2010 /2010 /2010		•
						duodenal ulcer wit						AICH					
C Results T	Willis, Sam; Babra, Bhav	ina; San	n,Sam	FINNER	AN, MATTHEW; Che	ung,Chi							I	Bill To	Physici	ian A	ccou
Quick Tr	ansmit Quick	Print					Path	ology (Detail		Add Sta	nding ()	rders Pr	int Impo	orted	Resi	alts

Once selected, click on Quick Transmit and the current order and future orders will display on the screen when the lab company is selected from the drop down.

NOTE: The future labs will only display for the lab company if this feature is enabled.

If specimens are collected in-house, patients may return to have these tests done. In this scenario, provider can transfer these future orders to the current visit. This can be done by clicking on the blue arrow under the 'Future Order' tab as shown in the screen shot below. This will move the future order to the current order for that visit.

Medication Summary	Add New Rx	Add New Order
Assessments	Lookup: urina	By: Order Name 💙 Starts With 💙 Type: Both 💙 🔶 O Lab 🔍 DI 🔍 Procedu
Prev Dx Add	Lab Company: All 💌	
Select All	Order Name	Lab Companies
250.00 Diabetes mellitu:	Urinalysis (hospital)	
	URINALYSIS W/ALBUMIN	Quest
	Urinalysis, Complete	
	IH Urinalysis, Routine	
	URINALYSIS,COMP,W/RF CULT	Quest
	URINALYSIS,COMPLETE	Quest
	URINALYSIS, MACROSCOPIC	Quest
	URINALYSIS, REFLEX	Quest
	Today's Orders	Future Orders Order Date 06/30/2011
	S F IH Description	🗢 📮 T 🗌 S 🛄 F IH Description Order Date 🗢
		🛆 🍞 🕒 🔲 IH Urinalysis, 06/30/2011 🗢
		Transfer to todays visit 250.00 - Diabet
	1	
C Results To	1	Bill To Physician Acco
C Results To Quick Transmit Quick F	rint	Bill To Physician Acco Pathology Detail Add Standing Orders

Once the order is transferred to today's visit, the order will appear in the Today's order tab disappearing from Future orders as shown below.

Manage Orders		
lis,Sam)	Community Meaningful Use Lock Help	
Manage Orders	Community Meaningfur Use Lock Hep	×
Medication Summary	Add New Rx Add New Orde	
Assessments	Lookup: urina By: Order Nam	ne 🗸 Starts With 🗸 Type: Both 🛛 😭 💿 Lab 🔍 DI 🔍 Procedure
Prev Dx Add		
Select All		
✓ 250.00 Diabetes mellitu:	Order Name Urinalysis (hospital)	Lab Companies
	URINALYSIS W/ALBUMIN	Quest
	Urinalysis, Complete	un ● Undersal
	IH Urinalysis, Routine	
	URINALYSIS,COMP,W/RF CULT	Quest
	URINALYSIS,COMPLETE URINALYSIS,MACROSCOPIC	Quest Quest
	URINALYSIS,REFLEX	Quest
	New My Defaults Today's Orders	Previous Next
	S F IH Description	Order Date
	- IH Urinalysis, Routine	• •
	250.00 - Diabetes mellitus	
CC Results To		Bill To Physician Accoun
Quick Transmit Quick P	rint	Pathology Detail Add Standing Orders
	<u>o</u> k	

Dymo Label Printing

If you would like to print labels from your Dymo label printer, you need to setup the labels for the lab company.

To configure Dymo labels, go to File -> Lab Companies. Select the lab company and click on 'Configure Labels.'

Lab Company List								
Lookup Lab						New	<u>U</u> pdate	X Delete
Name Bendiner BioReference Generic	Address	City	State	Tel	Fax	E-M	ail Addres	s
Quest								
< Prev Next >	nter Facility Account Number	Configure <u>L</u> abels					<u>о</u> к	<u>C</u> ancel

A default template has already been created. To select that template, select 'Default [T]' from the 'Available Templates' dropdown. The Selected Tags will print on the label. Additional tags can also be added from the 'Available Tags' list by selecting on the tag and clicking on the '>' button.

Configure Specimen Labels for G	eneric	×
Configure Labels Available Templates Default [T] Available Tags Patient Account No Patient External MRN Client Account No Order Date Requisition No. Collection Date Collection Date Collection Time Patient First Name Patient First Name Patient Middle Initial Patient DOB Patient SSN Patient Address1	Selected Tags Order#: {ReqNo} Client Code: {SendFac} Patient Name: {plname}, {pfname} Patient DOB: {pdob} Coll Date: {CollDate} Time: {CollTime}	
		,

You can also set up tags to print with a barcode on the label by selecting on the tag and clicking on the barcode icon shown above.

You can create your own template by selecting the appropriate tags and clicking on OK. This template is now saved for that lab company.

To print these labels, go to Lab Reports -> Quick Transmit. Select the lab company and then select 'Print Labels' from the Transmit dropdown.

Select All
NAME LAB CO.
Collection Date Time Actual Fasting Collection Date Time Actual Fasting 12/20/2010 Image: 03:02 PM Not Recorded Assigned To
Select Lab
QuestHS
Clinical Information
Iransmit Dancel
Print Only Transmit Only Fax Req Print Labels Transmission Report

A print preview will display and you can choose the number of copies you want to print. Hit Print to print the labels.

NOTE: A DYMO label printer is required.

8	Preview Label for Quest		X
	Preview		
	Req# 23039 Acct# Y Test Test * 2 3 0 3 9 *		
	Number of copies	rint <u>C</u> lose	

Reason Status

There are different interface reason statuses that are found in the reason column for Labs under Lab result screen.

1. **Transmitted to 'Lab Company'**- After the order has been successfully transmitted, the 'Reason' column under Labs Results screen will be updated to display 'Transmitted to 'Lab Company' as shown below.

🖷, Lab Results		×
Patient Sel Info Hub Test, Lab DOB:4/4/1980 Age:31Y Sex:M Tel:508-614-5083 Acct No:44437, WebEnabled: No	Status: Open C Reviewed Image: Comparison of the state of	
Don't publish to Web Portal Lab Lab CBC (INCLUDES DIFF/PLT)	Order Date Collection Date	Future Order
Reason	Actual Fasting	
Transmitted to Westborough M	Not Recorded 💌 🗖 Ordered Fasting	
Source	Description Collecti	on Volume Units

 Ready to transmit – After the order is transmitted, if the order is in pending state to be transmitted from eCW the 'Reason' column under Labs Results screen will be updated to display 'Ready to Transmit' as shown below.

🐂 Lab Results	د
Patient Sel Info Hub	Status: © Open © Reviewed 🜘 何 🦷
Kumar, Raj DOB:4/12/1971 Age:40Y	Provider: Willis, Sam 🗨 🔜
Sex:M Tel:555-555-5592	Facility: Westborough Medical Assoc
Acct No:93, WebEnabled: Yes	AssignedTo: eclinicalworks, support
🔽 Don't publish to Web Portal	Future Order
Lab Information	
Lab	Order Date Collection Date Time
HEMOGLOBIN A1c	<u>डस्</u> 10/12/2010 🔽 10/12/2010 🔽 10:06 AM
Reason	Actual Fasting
Ready to Transmit	Not Recorded 💌 🗖 Ordered Fasting
_ Specimen	
Source	Description Collection Volume Units
_	▼

3. **Requisition Printed: 'Lab Company'** - When 'Print Only' option is used to print the eRequisition, the reason message is updated to Requisition Printed: 'Lab Company' as shown below

Lab Results	
Patient Sel Info Hub Lab, Larry DOB:1/1/1983 Age:28Y Sex:M Tel:561-750-4753 Acct No:9122, WebEnabled: No	Status: Open Reviewed Provider: Willis, Sam Image: Sam Facility: Westborough Medical Assoc Image: Sam AssignedTo: Willis, Sam Image: Sam
Don't publish to Web Portal	Future Order
Lab Information Lab AMYLASE,SERUM	Order Date Collection Date Time Set 1 /16/2009 I /15/2009 04:55 PM
Reason Requisition Printed: Quest	Actual Fasting Not Recorded Ordered Fasting
Specimen	
Source	Collection Volume Units

4. **Received** – 'Lab Company' - Once the result comes back from the lab, the reason will change to 'Received – 'Lab Company'.'

🐂 Lab Results	×
Patient Sel Info Hub Durana, Dorisa DOB:4/19/1942 Age:69Y Sex:M Tel:555-555-5516 Acct No:9307, WebEnabled: No	Status: Open Reviewed Provider: Willis, Sam Image: Sam Facility: Westborough Medical Assoc Image: Sam AssignedTo: Willis, Sam Image: Sam
Don't publish to Web Portal Lab Information	Future Order
Lab PROTEIN, TOTAL, RANDOM URIN Reason	Order Date Collection Date Time JE Set 12/3/2008 Image: 2008 10:40 AM Actual Fasting
Received -Westborough Medica	
Source	Description Collection Volume Units
Received Date 10/8/2010	Result
Order Date Coll Date	CREATINI CREATINI PROTEIN, PROTEIN,
10/08/2010 10/08/2010 10/08/2010 10/08/2010	173 318 55 99 1384 137
10/08/2010 10/08/2010	131 1237 162

5. **Reconciled** – 'Lab Company' - If the results were reconciled immediately after selecting Reconcile Now under File->Reconcile lab result, then the Reason field will update to Reconciled – 'Lab Company' as shown below

🐃 Lab Results							×
PatientSelInfoHubDurana, DorisaDOB:4/19/1942Age:69YSex:MTel:555-555-5516Acct No:9307, WebEnabled: No	Prov Fac	atus: © Op ider: Willis ility: West edTo: Willis	, Sam borough M	viewed Iedical Assoc		₩ High	Priority use
Don't publish to Web Portal Lab Information							re Order
Lab RENAL FUNCTION PANEL W/EGF	RSel	Order Date		Collection Da [2] 12/ 3 /200		Time 08:37 A	M
Reason Reconciled-Westborough Medica	_	al Fasting Recorded 💌] 🗖 Order	red Fasting			
Source	Descriptio	on		c T	ollection Vo	olume U	nits
Results	.0 💌	Result	:				
Order Date Coll Date	ALBUMIN	BUN/CRE4	CALCIUM	CARBONI	CHLORID	CREATIN	II eGf 🔺
10/08/2010 10/08/2010	3.8	41	10.0	23	109	1.70	36
10/08/2010 10/08/2010	3.7	22	9.2	16	110	1.23	53
10/08/2010 10/08/2010	4.0	25	9.2	19	112	2.48	32 ▼

6. **Manually Reconciled** – **'Lab Company'** - If the results were manually reconciled then the Reason field will update to Manually Reconciled – **'Lab Company'** as shown below.

Lab Results						
Patient Sel Info Hub Durana, Dorisa DOB:4/19/1942 Age:69Y Sex:M Tel:555-555-5516 Acct No:9307, WebEnabled: No ✓ Don't publish to Web Portal	Provider:	● Open C R Willis, Sam Westborough Willis, Sam			🗖 InHo	Priority puse re Order
- Lab Information Lab	Orde	er Date	Collection	Date	Time	
RENAL FUNCTION PANEL W/EGR		3 /2008 🔻	12/3/2		 08:37 / 	AM
Manually Reconciled - Westborn	Not Reco	rded 🔽 🗖 Ord	lered Fastin]		
Source	Description		-	Collection	Volume L	Jnits
Results Received Date 11/1/201	.0 💌	Result				•
Order Date Coll Date	ALBUMIN BUI	V/CRE4 CALCIU	JM CARBO	I CHLORI	DE CREATII	VI eGf 🔺
🖉 10/08/2010 10/08/2010	3.8 41	10.0	23	109	1.70	36
2 10/08/2010 10/08/2010	3.7 22	9.2	16	110	1.23	53
10/08/2010 10/08/2010 ◀	4.0 25	9.2	19	112	2.48	32

Labs (Test, Lab) Lab Cate	=								
LAB CATEGORIES	Show	CC List					New Delete	Cumula	itive Report
ALL	2 I	нм о	🖉 🧷 Order Date	Coll Date Result	Date Labs	Reason	Result	Receive	d Reviewed
ANATOMIC PATH/CYTO	•	C	11/01/2010		CBC (INCLUDES DIFF/PL)	T) Ready to Tran		No	No
BLOOD BANK	⊞ [۷	10/29/2010	11/02/	2010 Lipid Panel With LDL		Normal	Yes	No
BLOOD GASES	± 🗖	С	10/15/2010		CBC (INCLUDES DIFF/PLT) Transmitted t		No	No
CHEMISTRY	•	С	10/15/2010		LIVER PANEL II	Requisition P		No	No
COAGULATION	⊞ [С	10/13/2010	10/15/	2010 Hemoglobin A1c		High	Yes	Yes
GENETICS	•	С	10/13/2010	10/15/	/2010 Urinalysis, Complete		Negative	Yes	Yes
HEMATOLOGY	•	С	10/13/2010	10/13/2010 10/15/	2010 CBC With Differentia		Abnormal	Yes	Yes
IMMUNOLOGY	•	С	10/13/2010	10/15/	2010 TSH+Free T4		High	Yes	Yes
IMMUNOLOGY RAST		С	10/13/2010	10/15/	2010 RENAL FUNCTION PANEL	Manually Reco		Yes	No
MICROBIOLOGY		С	10/13/2010		2010 URINALYSIS, COMPLETE			Yes	Yes
MISC BODY FLUIDS	⊞ [10/15/	2010 ORINALTOIS, COMPLETE	Received -wes.		Tes	
TOXICOLOGY/DRUG MO	•	C	10/13/2010		SODIUM			No	No
URINALYSIS / URINE									
URINE CHEMISTRY									
URINE STUDIES									

These statuses can also be found under Labs in Patient's Hub or Progress Note.

A new feature in 9.0 (which is itemkey enabled) will create a new column called 'Interface Status' which will populate with the interfaces messages above, instead of populating in the 'Reason' column. This can be activated per client request.

LAB CATEGORIES		Shov	V CC L	.ist									New Delet	e Cumulative Repor	:
ALL	1		۵	🖌 нм	0	2	2	Order Date	Coll Date	Result Date	Labs	Reason	Result	Interface Status	
ANATOMIC PATH/CYTO	Œ				С		1	2/14/2010	12/20/2010		A1C			Transmitted	0
BLOOD BANK	Œ				С		1	2/14/2010	12/20/2010		TSH			Transmitted	mitted t
BLOOD GASES	Œ		۵		Т		1	12/09/2010			testcpl				
CHEMISTRY	Œ				F		1	12/09/2010			A1C				
COAGULATION	Œ				С		1	12/09/2010			A1C			Requisition	
GENETICS					F		1	12/07/2010			testcpl				
HEMATOLOGY			A.		с		1	12/07/2010			Alkaline phosph			Requisition	
HEMATOLOGY/COAGULA					с		1	12/07/2010			Accutane Panel			Requisition	
IMMUNOLOGY		-	-		с			1/23/2010			Accutane Panel				
IMMUNOLOGY RAST															
MICROBIOLOGY					С			1/23/2010			A1C				:ti
MISC BODY FLUIDS	1 0		۵.	√	С	Q	1	1/16/2010	08/16/2007	08/17/2007	Lipid Profile	Кеер	Normal		
New Category	Œ			1	С		1	1/16/2010		03/18/2010	Glucose	Diabetes	Normal		
TOXICOLOGY/DRUG MO.	1.		۵	1	С	2	1	1/16/2010	08/16/2007	08/17/2007	CMP	Кеер			
URINALYSIS / URINE	1 .			1	С	2	1	1/16/2010	08/16/2007	08/17/2007	PSA	Кеер			
-														Next	

Receiving and Reviewing Results

To view labs for a specific patient, you can click on the Labs button from the Progress Note or from the Patient Hub. It lists all labs ordered for that patient.

When the result comes back, you will see a pink paper clip on the left of the lab with a message from which lab company it was received from in the 'Reason' column.

AB CATEGORIES	Γ	s	how	CC LI	ist									New Delete	Cumulati	ve Report
ALL	2		ŀ	IM () 🍯	2 4	🦻 Or	der Date	Coll Date	Res	ult Date	Labs	Reason	Result	Received	Reviewed
NATOMIC PATH/CYTO.	e	±		C	-		12	/14/2010	12/20/201	0		A1C	Transmitted t		No	No
BLOOD BANK	6	±		¢	-		12	/14/2010	12/20/201	0		TSH	Transmitted t		No	No
LOOD GASES	6	Ξļ		1	•		12	/09/2010				testcpl			No	Yes
HEMISTRY	6	±		F			12	/09/2010				A1C			No	No
OAGULATION	e	±		(:		12	/09/2010				A1C	Requisition P		No	No
SENETICS	6	±		F			12	/07/2010				testcpl			No	No
IEMATOLOGY	G	±		C	:		12	/07/2010				Alkaline phosphatase	Requisition P		No	Yes
IEMATOLOGY/COAGULA	2.6	±	-	(12	/07/2010				Accutane Panel	Requisition P		No	Yes
MMUNOLOGY			-	0	:		11	/23/2010				Accutane Panel			No	No
MMUNOLOGY RAST MICROBIOLOGY	6	E	-	0			11	/23/2010				A1C			No	No
AISC BODY FLUIDS	2.6	Ð I		(- 6	2	11	/16/2010	08/16/200	17 08/	17/2007	Lipid Profile	Received from	Normal	Yes	Yes
lew Category	6	Ð J		Ċ			11	/16/2010		03/	18/2010	Glucose	Diabetes	Normal	Yes	No
OXICOLOGY/DRUG MO.	2.6	Ð J		C	- 6	2 4	2 11	/16/2010	08/16/200	08/	17/2007	CMP	Received from		Yes	Yes
IRINALYSIS / URINE	2.6	Ð J		(- 6	2	11	/16/2010	08/16/200	7 08/	17/2007	PSA	Received from		Yes	No

A new feature in 9.0 is to view the discrete values of the result by clicking on the + sign. This expands the result to display the values as shown below:

C 🥖 🦧 11/16/2010 08/16/2007 08/17/2007 CMP	Re	Received from				
Attributes	Values	Range				
BUN/Creatinine Ratio	13					
Calcium	9.9					
Carbon Dioxide	25					
Chloride	104					
Creatinine	1.2					
Glucose	92					
Potassium	4.7					
Sodium	140					
Urea Nitrogen (BUN)	15					

To view the electronic result, click once on the pink paper clip. The following will display:

114	orough Medical Associ Turnpike road Suite 20 estborough, MA 01581 508-836-2700)4	<u>_</u>
Requesting: Willis, Sam	PATIENT INF	ORMATION	
	Name: test DOB: 01/0 Sex: fem	, Lab)1/1980	
REPORT DETAILS	REPORT DAT	ES	
Name: CMP Accession ID: 25104 Lab Ref Id: 25104	Order: Collection: Report:	11/16/2010 11/16/2010 13:51:00 11/16/2010	
NAME	ALUE	REF RANG	E
UREA NITROGEN (BUN) 1 CREATININE 1 BUN/CREATININE RATIO 1 SODIUM 1 POTASSIUM 4 CHLORIDE 1 CARBON DIOXIDE 2	2 5 .2 3 40 .7 04 5 .9	65-99 MG/I 7-25 MG/D 0.5-1.2 MG 6-25 (CALC 135-146 M 3.5-5.3 MM 98-110 MM 21-33 MMC 8.5-10.4 M	L G/DL C) MOL/L 10L/L DL/L
Patient	:: test, Lab DOB: 01/01/	<u>ʻ1980</u>	
🖨 Print 🧔 Eax	Patient Hub		Cancel

You can also print or fax the report from this screen.

To view the original order with the values populating in the yellow grid, directly click on the test name, and the following screen will appear:

🛢 Lab Results					
Patient Sel Info Hub	Status: O	Open 🖲 R	eviewed 🤇		
test, Lab DOB:12/12/1961 Age:49Y	Provider: Wi	lis, Sam	•		
Sex:F Tel:508-888-8888	Eacility: We	sthorough	Medical Assoc 🔻	i 🖬 🥌	
Acct No:75802, WebEnabled: No			Medical Assoc	Hig	h Priority
,	AssignedTo: Wi	lis, Sam	<u> </u>	🛄 🔲 🔲 Inf	louse
🔲 Don't publish to Web Portal				🔲 Fut	ure Order
Lab Information					
Lab	Order Da		Collection Date	Time	
СМР	Sel 11/16/2	010 🔽	✓ 11/16/2010	01:51	PM
Reason	Actual Fasting				
Received from Generic	Not Recorded	🗖 🗖 Ord	ered Fasting		
Specimen					
	Description		Colle	ection Volume	Units
⊂ Results					
Received Date 11/16/2010	Res	ult			~
		ro Creatini	ine BUN/Crea S		ium Chlori
A 11/16/2010 11/16/2010	92 15	1.2	13 14	4.7	104
•					
Assessments:	Show Specify	Notes:	Addendum		
		add note			A
1					7
Clinical Info:		Internal	Notes:	eClinicalMes	senger
lab req		ecw only			*
Custom 🖉 Reports 🛛 P <u>r</u> int 🔻	Midmark ECG	Display	Graph Opti	ions 🔻	_
	<u>о</u> к	<u>C</u> ance	I		

To view all the results in one report, click on the 'Cumulative Report' button on the Labs screen.

, Labs (test, Lab) Lab Categ	iory-	-All	l j											
LAB CATEGORIES	Г	Sh	ow CC	List								New Delete	Cumula	tive Report
ALL	!		ΗМ	0	Ø,	Q (Order Date	Coll Date	Result Date	Labs	Reason	Result	Received	d Reviewed
ANATOMIC PATH/CYTO.		• [1	С		1	12/14/2010	12/20/2010		A1C	Transmitted t		No	No
BLOOD BANK		± [1	С		1	12/14/2010	12/20/2010		TSH	Transmitted t		No	No
BLOOD GASES		± [1	т		1	12/09/2010			testcpl			No	Yes
CHEMISTRY		± [1	F		1	12/09/2010			A1C			No	No
COAGULATION		• F	1	С		1	12/09/2010			A1C	Requisition P		No	No
GENETICS		± [1	F		1	12/07/2010			testcpl			No	No
HEMATOLOGY		• F	1	С		1	12/07/2010			Alkaline phosphatase	Requisition P		No	Yes
HEMATOLOGY/COAGULA	1	• F	1	С		1	12/07/2010			Accutane Panel	Requisition P		No	Yes
			1	C		1	1/23/2010			Accutane Panel			No	No
IMMUNOLOGY RAST MICROBIOLOGY				С		t	1/23/2010			A1C			No	No
MISC BODY FLUIDS	•			с	Q	t	1/16/2010	08/16/2007	08/17/2007	Lipid Profile	Received from	. Normal	Yes	Yes
New Category				С		t	1/16/2010		03/18/2010	Glucose	Diabetes	Normal	Yes	No
TOXICOLOGY/DRUG MO.	1	• Г	1	с	Q	Ø 1	1/16/2010	08/16/2007	08/17/2007	CMP	Received from		Yes	Yes
URINALYSIS / URINE	:	• Г]	С	l	1	1/16/2010	08/16/2007	08/17/2007	PSA	Received from		Yes	No
• •											Red	ceived from Generic	:]	Next

Note: A new feature of 9.0 is that manually entered results will also display in this report; It will show both electronic and in-house values.

, Cumulative Report (test, Lab - 12/12/1961)							
From 06/01/2006	Lookup By Collection Date	•	Categories	ALL	▼		
To 12/21/2010	Sort By Collection Date	•	Lab		Clr		
Patient Name: test, Lab							
Telephone: 508-888-8888							
	CBC UNASSDIFF.2	2202					
COLLECTION DATE	10/10/20	08					
ORDER DATE	08						
RESULT DATE	12/21/20						
ORDERING PHYSICIAN	Sam Willis						
HCT	34.0 (34.0-						
HGB		-15.7 G/DL) L					
MCH	34.0 (PG)						
MCHC	36.0 (G/DL						
MCY	81.0 (81.0-						
RBC	15.00 (4.2-						
WBC	SAPRO1 (4	.5-13.0 /CMM)					
	Lipid Profile						
COLLECTION DATE		08/16/2007					
ORDER DATE RESULT DATE		11/16/2010					
ORDERING PHYSICIAN		08/17/2007 Sam Willis MD					
Triglycerides		70 (55 - 115 mg/dl)					
Total Chol		166 (55 - 115 mg/dl)	1				
HDL		61 (50 - 100 mg/dl)					
LDL		91 (100 - 150 mg/dl)	1				
		, (),					
COLLECTION DATE	СМР	08/16/20	07				
ORDER DATE							
RESULT DATE		11/16/2010 08/17/2007					
ORDERING PHYSICIAN		Sam Willi					
Glucose		92					
Urea Nitrogen (BUN)		15					
Creatinine		1.2					
BUN/Creatinine Ratio		13					
Sodium		140					
Potassium		4.7					
Chloride		104					
Carbon Dioxide		25					
Calcium		9.9					
	PSA						
COLLECTION DATE		08/16/20	07				
ORDER DATE		11/16/20					
RESULT DATE		08/17/20	07				
Print Fax					Close		

The Cumulative Report lets the provider search within a specific date range, and do a lookup or sort by either Collection or Order date. The provider also has an option of searching by a specific lab category or pulling up a report for a specific test. This report can be printed or faxed.

Another area in eClinicalWorks from where the provider can track all the labs is from the 'Labs/Imaging' section.

- 7. '*Outstanding*' lists all the labs that have been ordered and for which the results have not yet come in.
- 8. 'To be Reviewed' lists all labs for which the results have come back.
- 9. '*Reviewed*' lists all reviewed labs which are locked and no more changes can be made.

ile <u>P</u> atient ≦che	edule I	EMR <u>B</u> illing	<u>R</u> eports F	ax <u>T</u> ools	Lock Worl	kstation <u>t</u>	įelp									
🕑 eC	lini	calWo	orks '	• 💦	- 0	0	0				<u>s</u> (<mark>o D</mark>	1	<u>R</u> 🕕 <u>T</u>	0 L 🚺	M 🖸
Admin	Lab	s 🔻														
Practice	12	abs/Im	aging	1 📥 🗌	Outsta	ndina	To be review	ed Re	viewed	Futi	ire	By pa	tient	All		
S 🗖			uging						11	4.11						
Villis,Sam		der All			Assig			×	Facility			1 10		Print Report	✓ … Transmit (n.d
viiiis,sairi	<u>ا</u> ا			Electron			Send-Out			New	•	View	▼			Jraers
	!	Order Date	Patient				nostic Imaging	Reason						Result	AssignedTo	
ffice Visits		09/18/2008	Test, Ze			C-Peptide									None	
mice visits		08/25/2008	Test, Te			CBC w/D	fferential								None	
57 8		08/22/2008	Test, Te			Ammonia									None	
	!	07/18/2008	Test, Tin	a		Amino Aci	d Screen		ted to Orde		c				Willis, Sam	
Lab	!	07/18/2008	Test, Tin			P-Lead		Transmit	ted to PAM	L					Willis, Sam	
		06/11/2008	Test, Te	st M		L-Oxycod	one								None	
		06/11/2008	Test, Te	st M		11-Deoxy	cortisol	Printed F	Req. Ready	to Trans	mit				None	
gress Notes		06/11/2008	Test, Te	st M		Q-BMP FA	STING	Ready to	o Transmit:	Quest					None	
2		06/11/2008	Test, Te	st M		Q-ALT		Ready to	o Transmit:	Quest					None	
#		06/11/2008	Test, Te	st M		Test-CBC									None	
phone Enc		04/29/2008	Test, Te	st M		L-Aldolase	•	Transmit	ted to LabC	Corp					Willis, Sam	
-	!	04/29/2008	Test, Te	st M		P-Adrena	Antibody	Transmit	ted to PAM	L					Willis, Sam	
		04/29/2008	Test, Te	st M		CT Angio	raphy Neck	Transmit	ted to Gene	eric					Willis, Sam	
os/Imaging		04/29/2008	Test, Te	st M		MRI Orbit	/Face/Neck C+	Transmit	ted to Gene	eric					Willis, Sam	
-		04/29/2008	Test, Te	st M		CT Arm									Willis, Sam	
		04/15/2008	Test, Tin	a		Arsenic Le	vel	Transmit	ted to Gene	eric					None	
of Office Vi		04/15/2008	Test, Tin	a		L-AFP, Tu	mor Marker (Serial)	Transmit	ted to LabC	Corp					None	
		04/15/2008	Test, Tin	a		Glucose R	andom								None	
Recalls		04/15/2008	Test, Tin	a		Lipid Pane	4								None	
Referrals	!	03/25/2008	Test, Tin			P-Aceton		Printed F	Reg. Ready	to Trans	mit				None	
lessages		03/25/2008	Test, Tin	a		Absolute	Eosinophil Count	Transmit	ted to Gene	eric					None	
ocuments													Lahs/Dia	anostic Images	1 to 21 of 218 No	evt
Billing													2003/010	group indges	10210/210 14	

10. 'Future' lists all the future orders which have been placed

Various filters are available in this screen. You can filter by Provider, whom the order is assigned to, and by facility. A new feature in 9.0 allows the user to their preference as a default to save the filtering options selected.

When 'Electronic' (shown above) is checked, it will list all orders that have been transmitted electronically to the lab company but pending to be resulted.

A provider can also filter by a specific lab, DI, or a procedure. The provider can also select if only in-house labs should be displayed. In 9.0, the provider can filter by high priority as well.

Labs/DI/Proce	dures 👗	Outstanding	To be reviewed	Reviewed	Future	By patient	All	Copies			
Provider All	💌 📖 Assigned	to All	💌 🚥 Facility 📶		▼	. Set Default					
Lab	Clr DI		Cir Procedures		C	r I					
🔽 Labs 🗖 Imaging 🗖 Proc	edures 🔽 In-hous	e 🔽 Send-Out 🗖	High Priority			eC	linicalMe	ssenger Patient I	.etter New 🔻	View All Reports	◄ More Actions ◄

When the electronic results come in, the lab moves from '*Outstanding*' to '*To be Reviewed*'. You can click on the lab you want to review and it will open up the Lab result. Once you are done, you can click on Reviewed. The lab will get locked and will be moved to '*Reviewed*.'

🕝 eClinicalWork	s (eclinicalwork	cs,support)				
Eile Patient Sche	dule EMR <u>B</u> illing	Reports Fax Tools L	ck Workstation Help			
🕑 eC	linicalW	orks 🐃 🚉	000		<u>s</u> <u>o</u> <u>d</u> <u>1</u> <u>R</u> <u>o</u> .	T 🕕 L 🚺 M 🕕
Admin	Labs 🚽					
Practice				Y	- Y - Y	~
😴 🗖	Labs/In	naging 📥 🔤	Outstanding To be review	ed Reviewed Futu	ire By patient All	
	Provider All	×	Assigned to All	💌 … Facility 🛛 All		· · · · · · · · · · · · · · · · · · ·
Willis,Sam	🗹 Labs 丨 🗹	Imaging 丨 🗹 In-house	l 🗹 Send-Out	Mark a	s Reviewed New 💌 🛝	/iew 🔻 Print Report
	? 🔲 Order Date	Coll Date Result D	ate Patient	Labs/Diagnostic Imaging	Reason Result	AssignedTo
Office Visits	09/15/2008	09/15/2008 08/22/2	008 Test, Test M	Ammonia	Received -Generic	Willis, Sam
Office visits	09/04/2008	09/04/2008 09/04/2	008 Test, Test M	MAMMOGRAPHY BILATERAL	Received -Generic	Willis, Sam
	09/03/2008	09/03/2008 09/10/2	008 Test, Zee	ANA SODIUM	Received -Generic	Willis, Sam
Lab	09/03/2008	09/03/2008 09/10/2	008 Test, Zee	SODIUM	Received -Generic	Willis, Sam
200	08/28/2008	06/15/2007 06/15/2	007 Test, Zee	Q-*REPORT COMMENTS	Result Received: Quest	None
	08/28/2008	06/15/2007 06/15/2	007 Test, Zee	Q-LIPID PROFILE	Result Received: Quest	None
Progress Notes	08/28/2008	06/15/2007 06/15/2	007 Test, Zee	Q-ELECTROLYTES	Result Received: Quest	None
- Togress Motes	08/25/2008	08/30/2008 08/22/2	008 Test, Test M	Ammonia	Received -Generic	Willis, Sam
<u> </u>	08/20/2008	08/20/2008 08/20/2	008 Test, Tina	KNEE 3-4 VIEWS	Copy Reconciled Generic	Willis, Sam
Telephone Enc	08/20/2008	08/20/2008 08/22/2	008 Test, Tina	Ammonia	Received -Generic	Willis, Sam
	08/20/2008	08/23/2008 08/22/2	008 Test, Test M	Ammonia	Received -Generic	Willis, Sam
- 1	08/20/2008	08/20/2008 08/20/2	008 Test, Test M	KNEE 3-4 VIEWS	Copy Received -Generic	Willis, Sam
Labs/Imaging	08/20/2008	08/20/2008 08/20/2	008 Test, Tina	KNEE 3-4 VIEWS	Copy Received -Generic	Willis, Sam
	08/12/2008	08/12/2008 08/12/2	008 Test, Tina	URINE CULTURE	Received -Generic	Willis, Sam
	? 🔲 08/07/2008	08/07/2008 08/12/2	008 Test, Test M	Electrolyte Panel	Received -Generic	Willis, Sam
Out of Office Vig.	1 08/07/2008			CBC AUTO DIFF	Received -Generic	Willis, Sam
	08/07/2008	08/07/2008 08/12/2	008 Test, Test M	DIF REV BY PATH	Received -Generic	Willis, Sam
Recalls	1 08/07/2008	08/07/2008 08/12/2	008 Test, Test M	LYTES	Received -Generic	Willis, Sam
Referrals	? 07/27/2008			AntibioticMIC	Received -Generic	Willis, Sam
Messages	07/24/2008			MA DIAGNOSTIC DIGITAL	Received -Generic	Willis, Sam
Documents	07/23/2008	07/23/2008 07/23/2	008 Test, Tina	Q-Ammonia	Received -QuestBi	Willis, Sam
Billing					Labs/Diagnostic Ima	ges 1 to 21 of 111 Next

You have the option of viewing either all the lab results from one visit or all the lab results for that patient collectively from the Labs/Imaging screen. Select the patient by clicking on the check box and then go to View -> All Reports – By Visit or All Reports – By Patient.

	Labs							
Practice	Lab	s/Imagi	-	Outstand	ing To be reviewed	Reviewed Future By patient All	Copies	
		Lab		Cr	DI	Cr		
0	🔽 Labs	🔽 Imaging	🔽 In-hou	ise 🔽 Send	FOut	Voice Message	e Mark as Reviewed New 🗸 / View 👻	Nint Report
<u> </u>	· 🔍 🗖	Order Date	Coll Date	Result Date	Patient	Labs/Diagnostic Imaging	Reason Result Report	gnei To
Sam v8.0		05/23/2008	05/23/2008	05/23/2008	T, Aaron	HbAIC	All Reports	- By Visit - By Patient e
0		09/04/2008	01/01/2001	09/04/2008	t, jenny	VIRAL CULTURE	annual check up All Reports	
30 T		09/25/2008	09/25/2008	09/25/2008	A, ABCDE	18 HYDROXYCORTICOSTERONE	annual check up	W, am v8.0
William T		05/09/2008		05/09/2008	t, Gina	CBC With Differential/Platelet	b/c I need to Negative	None
		04/24/2008	04/24/2008	08/04/2008	t, QA	Lipid Panel	Received -Generic	D, Ezra
		04/24/2008		04/23/2008	t, QA	Lipid Panel	Received-LabCorp	None
ce Visits		03/08/2007	03/08/2007	04/23/2008	t, QA	COMPREHENSIVE METABOLIC PANEL	Received-LabCorp	D, Ezra
**		04/24/2008		08/04/2008	t, QA	Glucose, Plasma	Received-LabCorp	None
		04/24/2008		08/04/2008	t, QA	TOTAL BILIRUBIN	Received-LabCorp	None
rhaan		04/24/2008		08/04/2008	t, QA	Alkaline Phosphatase, S	Received-LabCorp	None
÷. 1		04/24/2008		08/04/2008	t, QA	AST	Received-LabCorp	None
F		04/24/2008		08/04/2008	t, QA	ALT	Received-LabCorp	None
ess Notes		04/24/2008	04/24/2008	04/23/2008	t, QA	Lipid Panel	Received-LabCorp	D, Ezra
<i></i>		04/24/2008	04/24/2008	04/23/2008	N, CONNIE	Alkaline Phosphatase, S	Reconciled LabCorp The result gas normal.	D, Ezra
<u> </u>		04/24/2008	04/24/2008	04/23/2008	N, CONNIE	Lipid Panel	Reconciled LabCorp	D, Ezra
one/Web		02/22/2006	02/22/2006	04/23/2008	N, CONNIE	Lipid Panel	Reconciled LabCorp	D, Ezra
M		02/22/2006	02/22/2006	04/23/2008	N, CONNIE	TOTAL BILIRUBIN	Reconciled LabCorp	D, Ezra
8		02/22/2006	02/22/2006	04/23/2008	N, CONNIE	Alkaline Phosphatase, S	Reconciled LabCorp	D, Ezra
/Imaging		04/24/2008	04/24/2008	04/23/2008	N, CONNIE	Glucose, Plasma	Reconciled LabCorp	D, Ezra
🐜 🗖 !		04/22/2008	04/22/2008	04/23/2008	N, CONNIE	ALT	Reconciled LabCorp	D, Ezra
egistry		04/22/2008	04/22/2008	04/23/2008	N, CONNIE	AST	Reconciled LabCorp	D, Ezra
ferrals							Prev Labs/Diagnostic Images	106 to 126 of 136 Next

🖷, View All Reports Web - By Visit (test, La	b - 12/12/1961)			×
Notes:	TimeStamp Browse	Status:	Open OReviewed	
1		Assigned To:		
		Result:		•
				High Priority
Cumulative Report Patient Hub	🗖 Don't publish to Web Portal			Apply All
	114 Turnpike Westborou	/ledical Associates e road Suite 204 Igh, MA 01581 I36-2700		•
Patient Name: test, Lab	DOB: 12/12/1	1961 Sex: female	Tel: 508-88	18-8888
Lab:PSA Result Date: 2007-08-17	Order Date: 2010-11-16 Time: 13:51:00		Notes: Timesta	amp Browse
Session Id: Ordering Physician: Willis, Sam			add note	
Name	Value	Reference Range		
PSA	0.92	0.00-4.00 NG/ML	,	
			Assigned to:	
*Notes:			Willis, Sam	·
			Result:	-
Print Fax			0	k Cancel

This will display all the lab results that came back on one visit for this patient.

From this screen, you can view all the results, assign them to one individual, and can review them simultaneously. You also have the ability to view and add individual notes for each of the labs.

Viewing past results on current Progress Note

In order to view past reviewed lab results on a current progress note, they must be transferred over.

On the current progress note, select the Labs/DI tab from the right panel. Select 'All' from the drop down and all labs done for this patient will display.

Progress Notes 🛛 🔸	
Test Test, 30 Y, F Sel Info Hub 22 Mill Street Astra 22 Mill Street Billing Jest 30 Y, F Sel Info Billing Jest 30 Y, F Sel Info Billing Jest 4000 Set	CLICK TO EDIT SECURE NOTES ADV DIRECTIVE
sr Patient: Test, Test M DOB: 07/26/1978 Age: 30 Y Sex: Female	Rel _ Default _ Encounters V 09/26/2008 _ Overview History Alerts 20: Labs DI
Phone: 838-747-4839 Primary Insurance: Aetra Address: 22 Mill Street, Westboro, MA-01581 Lab Req No: 9110.23039 Chart No: 9110 Provider: Sam Willis, M. Encounter Date: 09/26/2008	Labs All ACTH, Plasma 09/25/2008
Subjective:	

Clicking on the lab name (e.g. ACTH, Plasma) will open up the lab result screen

🞯 eClinicalW	😕 eClinicalWork	rks (eclinicalworks,support)	
Eile Patient	Eile Batient Sch	chedule EMR Billing Reports Fax Icols Community Lock Workstation Help	
🕑 e	🕑 eC	ClinicalWorks 🌯 🔣 🖸 🧿 🖉	<u>s</u> o d o r o t o l o
Admin	Admin	Progress Notes 👻	
Practice	Practice	Test Test, BD y S Lab Results	1
Resource ScheR	esource Sche	Zall Patient End FMD Into Vest Test N Obs: 7/26/1978 Agr:30Y Sex F Tols:826-747-4839 Provider: Willis, Sam ▼ E	ADV DIRECTIVE
	<u>š</u>	Medical Summar	lotes
Willis,Sam	Willis,Sam	AssignedTo: InHouse	sfault - Encounters 🛛 ¥ 09/26/2008
Office Visits	Office Visits	Dent points to we vortal Future order Lab information Collection Date Collection Date Patient: Test Lab Time Phone: 33 / ACTM, Plasma Sal 9.255/2008 Iml 9.265/2008 Iml	Cverview History Alerts Cos Labs DI
🛒 Progress Noti	👮 Progress Notes	Address: 22 Reason Collection Volume Units Actual Fasting Provider: San Specimen Spe	ACTH, Plasma 09/25/200 DI All
Server Telephone/we T	elephone/Web	Subjective: Chief Comp V Description V Chief Comp V Result	
Labs/Imagin	Labs/Imaging	HPI: Current Me	
õ.	õ,	Medical His	
Out of Office VC	Out of Office Vi	Allergies/Ir Assessments: Show Specify Notes: Time Stamp Browse Check Spelling	
Lookup EncourL		Surgical He	
	<u> </u>	Hospitaliza	
Registry	Registry	Eamily Hist Custom Reports Print Midmark ECG Display Graph Options	
Referrals	Referrals	ROS: Cancel	
Messages	Messages		× .
Documents Billing	Documents Billing	Print 🖉 Fax 🖉 Record Lock 🖉 Details 🖉 Scan Templates 🕊 Claim Letters Ink 🖉 🛃	8 <u>8</u>

In order for this lab to be transferred onto the current progress note, it must be marked as 'Reviewed'. After a lab is reviewed, it will display under the lab with a blue arrow.

Overview History	Alerts 🏠 OS Labs DI
😑 Labs	All
C ACTH, Plasma	09/25/200
😑 DI	All

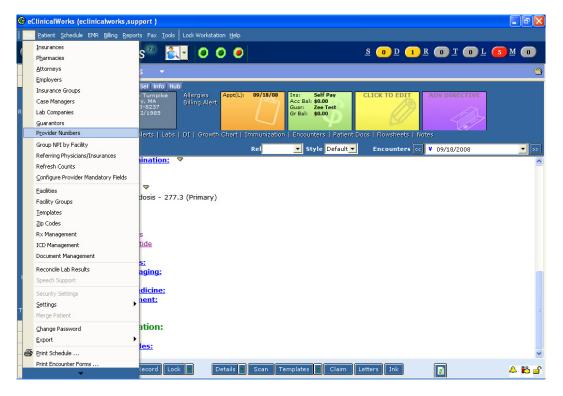
Click on the arrow to transfer to the current progress note. The lab, along with the values from the yellow grid, is moved onto the progress note under the 'Past Results' section and is removed from the 'Labs/DI' tab.

Progress Notes 🛛 👻				
Test Test, 30 Y, F Sel Info Hu	ıb			
22 Mill Street Westboro, MA 01581 H:838-747-4839 DOB:07/26/1978		08 Ins: Aetna 08 Acc Bal: \$0.00 Guar: Test Test Gr Bal: \$0.00	CLICK TO EDIT	SECURE NOTE
Medical Summary Alerts Labs	DI Procedures Growth Cha	rt Immunization Encou	inters Patient Docs F	lowsheets Notes
SF			Rel	🗾 Defaul
Objective:				^
Vitals:				
<u>Past Results:</u> <u>ACTH, Plasma</u> ACTH, Plasma	6	7		
Examination: 🔻 Physical Examination: 🔻				

NOTE: The labs do remain on the original progress note as well.

Default Lab Assistant

By default, any lab orders made within eClinicalWorks will not be assigned to any user. By setting default lab assistant for each provider, all the orders made by the provider can be automatically sent to the assigned lab assistant (e.g. a nurse).



To set up default lab assistant for each provider, go to File -> Provider Numbers

Select the provider and click on Provider Data

Provider Numbers				E
Provider Types Practicin	g Providers	•		
earch provider				
Provider Name	Speciality	Telephone	Fax	Email ID
Willis,Sam				
<< Prev Next >> View	/ Provider Numbers	Provider Data <u>B</u> ill	ing Info	⊆lose

From the first tab 'Provider Data', select the individual from the 'Default Lab Assistant' drop down and press OK.

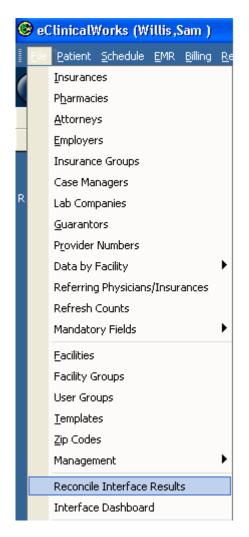
🖻 Provider Data 🛛 🛛 🔀
Provider Data Rx Style
Supervising Provider
Default Assistant
Lab Assistant
Cline, Erin
DI Assistant
Cline, Erin
Procedure Assistant
Cline, Erin
Claim Prefix
Default Assigned To (Outgoing Referral)
Dalton, Gail 🗨 CLR
Default Assigned To (Incoming Referral)
▼ CLR
Exempted for sending Seq No during Medicaid Eligibility (State Approved).
<u>OK</u> <u>Cancel</u>

For all labs ordered under this provider, the orders will be assigned to this individual if this setting is in place.

All results can also be assigned to one individual. **eClinicalWorks must be contacted to have this setup.**

Reconciliation

To get a report of the failed results in eClinicalworks, a reconciliation report can be run. There is a new menu for the Reconciliation screen. Go to File -> Reconcile Interface Results.



The Interface Reconciliation window opens:

Interface Reconcil	liation -						
Interface Rea	conciliation	To be Reconciled	Recorded	Action Taken	A		
Lahe Select Lab	· Persented Between	05/04/2000	And 05/04/2010				
Parame select patient	in O Prosider	AI.	Telly	A			_
F Labs F Imaging 5	Transcription Documents					and the second	Reconcile Now
Received Date Collection Date	Patient Name Pa	bent DOB Phoyider		vpe Acces	ion No. Order	 Error Logs	

Note: Users must have access to the *Interface Reconciliation View* security attribute in order to access this feature. If user has access to the *Interface*

Reconciliation-Electronic security attribute, then they will have access to the 'Reconcile Now' button in the upper right corner.

In the interface reconciliation window the following tables display:

- **To be Reconciled** Displays electronic results that have not been reconciled
- Reconciled Displays electronic results that have already been reconciled
- Action Taken Displays electronic results that have had actions taken on them
- All Displays all lab results.

Select the Lab Company from the drop-down list and select the date range for which you want to reconcile from the filters provided. If you want to reconcile for a specific patient, then select the patient from the ellipsis. The user also has the option of viewing failed results for a specific provider and for a specific facility.

To exclude specific types of orders from your results, uncheck any of the following boxes: labs, imaging, transcription documents.

Once all the options have been set, the results that match the selected criteria will display:

Interface Reconci	liation 👻	-							
Interface Re	conciliation	Tober	Reconciled R	econciled	Action Taken	All			
Luba Labijeneric	E Received Det		and the second s	05/04/2010			-		
Patient select patient	OK 1 Pro	Al more		I Facility	Al				
F Labe F Imaging	Transcription Docum	vents 1						Reconcile No	
Received Data Collection Data	Patient Name	Patient DOB	Frevider	1	rpe Acces	sen tre C	order :	Error Logs	
01/08/2010 05/31/2008	test, lab	01/01/1999	Wills, Sam (122)	L	48 5351	0 0	open TEst	Patient Match not Yound	
								Results 1 to 1 of 1	

On the 'To be Reconciled' table, results can be reconciled automatically in batches by clicking on the 'Reconcile Now' button. All current results are reconciled.

Note: Failed messages that have not been reconciled for a certain number of days on the 'To be Reconciled' tab are marked with a red exclamation mark. This indicates that the provider has not reconciled the results and needs to open the message and reconcile it. This feature is enabled by request and provider can indicate after how many days the result should be marked.

In the 'To be Reconciled' table, the following errors can be found:

- Patient Match Not Found
- Provider Match Not Found
- Patient and Provider match not found

- Test Code not found in HL7 file
- Unique specimen number not found

The provider or a user can manually reconcile the results for the first 3 types of errors shown above (Patient Match Not Found; Provider Match Not Found; Patient and Provider match not found).

Manual reconciliation can be done individually by clicking on the result. When clicked upon, the failed result window opens:

	(FINAL RESULT)		
	WESTBOROUGH MEDICAL ASS	SOCIATES	
	Ste. 200		
	112 Turnpike Road		
questing Physician: Wills, Sam			
tient: test,lab DOB: 01/01/19	99 Sex: M Tel:		
b: Open TEst			
cession ID: 53510			
der Date: Collection Date: 0			
ecimen Source: Specimen l	Description;		
Nome	Value		Reference Range
- Test was requested by Dr	Wallis		
- Test was performed at la	•		
GLUCOSE	82		70 - 110 MG/DL
BUN	9	L	10 - 26 MG/DL
CREATININE	0.8		0.6 - 1.6 MG/DL
BUN/CREAT RATIO	12.5		
F CALCIUM	10.8	н	8.3 - 10.6 MG/DL
5 SODIUM	137		135 - 145 MEQ/L
F POTASSIUM	4.4		3.5 - 5.0 MEQ/L
- Feference Fange has been	updated		
CHLORIDE	104		98 - 108 MEQ/L
CARBON DIOXIDE	25		23 - 33 MEQ/L
HIS REPORT IS NOT PAR SULT WAS RECEIVED TH MILED TO ATTACH TO A P	ROUGH THE LAB INTER		
	Patient: test, lab DOB: 01/0	11/1999	
rs	TimeStamp Browse		Reconcile
		Patient	
		Provider	Willin, Sam D
		Contraction of the second s	Open C Action Taken

• **Patient Match Not Found** – the patient name for the lab does not match any patient names in the system. Selecting the correct patient from the database by clicking on the ellipsis next to it will resolve the problem.

Once the problem is resolved, click the Reconcile button. For Patient Match Not Found, the lab window opens for the selected patient and displays the list of labs for the patient. Perform one of the following actions:

- Select a lab order for which results has been electronically received but not posted
- Select a lab for which results have not been received.
- Click 'Attach to New Order' to attach results to a new lab order.

Click on yes for confirmation. The reconciled lab is moved from 'To Be Reconciled' tab to the 'Reconciled' tab. Result will display in patients labs with message 'Manually Reconciled – Lab Company'

🖹 Lab Results		×
Patient Sel Info Hub	Status: © Open 🔿 Reviewed 🛛 🧕 🥥	
Durana, Dorisa DOB:4/19/1942 Age:69Y	Provider: Willis, Sam 💌	
Sex:M Tel:555-555-5516	Facility: Westborough Medical Assoc 💌 🛄	
Acct No:9307, WebEnabled: No	AssignedTo: Willis, Sam	☑ <u>H</u> igh Priority □ InHouse
🔽 Don't publish to Web Portal		🔲 Future Order
Lab Information		
Lab	Order Date Collection Date	Time
RENAL FUNCTION PANEL W/EGF	R 🔄 12/3/2008 🔽 🗹 12/3/2008 💌	08:37 AM
Reason	Actual Fasting	
Manually Reconciled - Westbor	Not Recorded 🔽 🔽 Ordered Fasting	

Note: The changes cannot be undone once the result is manually reconciled. Use this option carefully.

- Provider Match Not Found the provider name for the lab does not match any provider names in the system. Selecting the correct provider from the database by clicking on the ellipsis next to it will resolve the problem.
- Patient and Provider match not found both the patient and the provider for the lab do not match in the system. Selecting the correct patient and the provider from the database by clicking on the ellipsis corresponding to each of it and hitting Reconcile will resolve the problem.

The below are the ways to fix the other issues in the 'To be reconciled' table.

• **Test Code not found in HL7 file** – the correct lab code must be entered on the Lab Code window (discussed in earlier section). Then select the lab result and click on the Reconcile Now button on the Interface Reconciliation window.

Interfa	ace Re	conciliation	To be	Reconciled	Reconciled	Action Taken	All	
Labs Westborou	ugh Medical Ce	eni 💌 📔 Received Betw	en 01/01/200)4	And 06/01/2011			
Patient select pa	atient	Clr Provi	der All		💌 💷 Facilit	All		
🔽 Labs 丨 🔽	Imaging	Transcription Docume	ints I					Reconcile Now
Received Date 0	Collection Date	Patient Name	Patient DOB	Provider		Туре Асо	ession No Orde	der Error Logs
10/12/2010	10/08/2010	DURANA, DORISA	04/19/1942	WILLIS, SAM (WSAM)	LAB ST2	96852F	Test Code not found in HL7 file
10/12/2010 1	10/08/2010	DURANA, DORISA	04/19/1942	WILLIS, SAM (WSAM)	LAB ST2	96852F	Test Code not found in HL7 file
								Results 1 to 2 of 2

 Unique specimen number not found - each orders that are sent out will have a unique specimen number attached to it. The same specimen number should be sent back with the result for it to match with the order. If that specimen number is not found then the lab company should be notified about it and they should send the result back with the specimen number. If it is not a vendor issue, contact eClinicalWorks.

Matching Criteria:

The initial matching criteria are the requisition number and patient date of birth. If there is a mismatch on either of these, then the patient's last name, first name, and date of birth are checked (along with the ordering provider). If there is a mismatch again, the result will fail and will display on this reconciliation report.

Security Settings:

There are three security settings under File->Security Settings related to Interface Reconciliation

By User	By Security Attribute	By Facility
Security Settings	Hub - Problem List	
- 🕼 Providers	Hub - Rx	
🔄 🕼 Dr.Mary Jones	ICD Codes	
🛛 🌆 Dr.Nurse Nurse	IHE Documents Access	
🔄 🧑 Dr.test test test'o	Immunization Export User Setup	
🙀 Dr.Sam Willis	Immunization Form	
-🕂 Staff	Immunization LotNumber Customization	
🔩 🖸 A, Sharon L	Immunizations in Progress Notes	
🛛 🛃 B, Jamie	Insurances	
🛛 🛃 D, Debbie	Interface Dashboard	
🛛 🛃 Deveraux, Isabeat	Interface Dashboard - Modify Mappings	
🛒 🖸 E, Room	Interface Dashboard - View HL7 Transaction i	i 🗹
🛛 🖸 eclinicalworks, sup	Interface Reconciliation - Electronic	
📲 🖸 G, Darjon	Interface Reconciliation - Manual	
🔤 🖸 Herrington, Lisa 🚽	Interface Reconciliation - View	
🛒 🖸 J, Mary	Lab Alias	
🛒 🖸 J, Dana	Labs	
– 🖸 K, Joffia	Lock Chart	
🛛 🛃 Lab, Tech	Lock Lab Result Grid	
- 🖸 M, Shannon 🔤	Lock Refunds	
M, Donna A 📃 🗾	Manage access to account action codes	
	Manage access to adjustment codes	
× Security Configure C <u>a</u> tego	ries Locked Users Configure Template Co	py T <u>e</u> mplate <u>S</u> ave <u>C</u> lose

Interface Reconciliation – Electronic: Grants or denies users permission to reconcile failed electronic results using the Reconcile Now button (File menu > Reconcile Lab Results > Reconcile Now button).

Interface Reconciliation – Manual: Grants or denies users permission to manually reconcile failed electronic results (File menu > Reconcile Lab Results).

Interface Reconciliation – View: Grants or denies users permission to access the Interface Reconciliation window in Web view (File menu > Reconcile Lab Results).

Interface Dashboard

The Interface Dashboard provides a place to configure mappings and view reports for various lab, practice management, and immunization interface elements. The lab elements will be discussed below.

To get to the Interface Dashboard, go to File -> Interface Dashboard option. The Interface Dashboard window opens with the 'Clinical' tab selected by default. This tab refers to the lab elements.

Select an interface from the Interface Name drop-down list:

	CLINICAL		
		PRACTICE MANAGEMENT	IMMUNIZATIO
			Interface Name
MAPPINGS			
GUARANTOR RELATION			
FASTING FLAG			
ETHNICITY CODES		CLINICAL DASHBOARD	
LANGUAGE		Please select an option on the left	
MARITAL STATUS			
PRIORITY			
RACE CODES			
SPECIMEN COLLECTION			
DOCTOR CODES			
EXT GENDER CODES			

Configuring Clinical Mappings:

eClinicalWorks items can be mapped to external codes provided by the interface vendor. These mappings are done during install time and should not be changed unless indicated by the provider. The following items can be mapped:

• Guarantor Relations

- Fasting
- Ethnicity Codes
- Language
- Marital Status
- Priority
- Race Codes
- Specimen Collection
- Doctor Codes
- External Gender codes

Confirm with vendor before making any changes. Click on OK to save the changes.

Running Clinical Reports:

 Interface Dashboard
 IMMUNIZATIONS

 Interface Name
 CPL Labs

 MAPPINGS
 Interface Name

 REPORTS
 ORDERS

 RESULTS
 CLINICAL DASHBOARD

 Please select an option on the left

Reports on lab orders and results can be run from the Clinical Tab.

Orders

The Orders report includes information about the lab orders sent from eClinicalWorks to the lab companies.

Click on the Orders option. The Orders report options display. Select the date range and a transmission status. To exclude labs or diagnostic imaging, uncheck the Lab and/or DI box. Then click Run Report'. The lab order information that meets the selected criteria displays.

The different statuses are

- Pending to be sent displays orders which have been transmitted but not sent yet
- **Success** displays successfully transmitted orders
- **Failed** displays failed transmissions.

Interface Dashboard								
		CLINICAL	PRACTICE MANAGEMENT	IMMUNIZATIONS				
				Interface Name CPL Labs	•			
MAPPINGS	Date Between 12/21/	2010 And 12/22/2010	Status Pending/To be sent 💽 🗹 Labs 🗹 DI		Run Report 🤝 🗢			
REPORTS			Pending/To be sent Success					
ORDERS			Failed	Please configure parameters	and click on "Run Report"			
RESULTS								

Note: To export or print this report, click the yellow arrow icon to the right of the Run report button to open a drop-down list, and then click the Export or Print option.

me Westborough Medical Center				
		Run Report	-	
Test Code 2909209	Expor Print	t		

The status will be failed for the following reasons:

- Connectivity issues
- Interface is not configured properly

Results

The Results report includes information about lab results sent from the lab companies to eClinicalWorks.

Click on the Results option. The Results report options display.

Interface Dashboard					
	CLINICAL	PRACTICE MANAGEMENT	IMMUNIZATIONS		
			Interface Name CPL Labs		
MAPPINGS Profile Id	From: 12/21/2010	To: 12/22/2010 🛛 🗹 Lab 🗹 DI 🖉 RPT	Run Report 🖉 🗢		
REPORTS					
ORDERS			Please configure parameters and click on "Run Report"		
RESULTS			Prev Next		

To view a report on specific results, enter the results accession number in the Profile Id box. It is the unique specimen number given for each test. The provider can also select a date range and can exclude Lab, DI, or Procedures by unchecking the respective boxes. Then click on 'Run Report'. The lab result information that meets the selected criteria will display.

The different statuses that can be noted on a results report are:

• Passed

Profile Id:	From: 09/01,	/2008 To: 06/01/2011 🗹 La	b ☑DI ☑RPT			
Date Received	Patient Name	Test Name	Profile Id	Date of Birth	Order Type	Status
10/11/2010	DURANA, DORISA	EXR CHEST PA AND LAT	1901475	04/19/1942	RAD	Passed
10/11/2010	DURANA, DORISA	CT SINUS FACIAL W/O	736617400001	00 04/19/1942	RAD	Passed

• **Failed** – Results fail to attach due to match for provider or patient not found or lab or specimen code information missing

Profile Id:	From: 11/04/2007	To: 06/01/2011	🗹 Lab 🗹 DI 🗹 RPT				
Date Received	Patient Name	Test Name		Profile Id	Date of Birth	Order Type	Status
10/12/2010	DURANA, DORISA			ST296852F	04/19/1942	LAB	Failed

• **Manually reconciled** - if the results were manually reconciled from File->Reconcile Interface Result.

Profile Id:	From: 09/01	/2008 To: 06/01/2011 🛛 🖬 Lab 🖬 DI 🖉 RPT				Run Report 🗢 🗢
Date Received	Patient Name	Test Name	Profile Id	Date of Birth	Order Type	Status
10/11/2010	DUR, LISA	RENAL FUNCTION PANEL W/EGFR	ST297022F	04/19/1942	LAB	Manually reconciled
10/11/2010	DUR, LISA	URINALYSIS, COMPLETE W/REFLEX TO CULTURE	ST297022F	04/19/1942	LAB	Manually reconciled
10/11/2010	DUR, LISA	CBC (INCLUDES DIFF/PLT)	ST297022F	04/19/1942	LAB	Manually reconciled

• Failed after reconciliation – if the information entered before reconciling were incorrect.

Profile Id:	From: 09/01	/2008 To: 06/01/2011 🛛 🗹 Lab 🗹 DI 🖉 RPT				Run Report 🗸 🗢
Date Received	Patient Name	Test Name	Profile Id	Date of Birth	Order Type	Status
10/11/2010	DUR, LISA	REFLEXIVE URINE CULTURE	ST297022F	04/19/1942	LAB	Failed after reconciliation
10/11/2010	DUR, LISA	CULTURE, URINE, ROUTINE	ST297022F	04/19/1942	LAB	Failed after reconciliation

• **Result not processed** – if there are formatting issues in HL7 specs or interface is not configured properly.

This report can be exported or printed but clicking on the arrow next to Run Report.

Interface Dashboard							
	CLINICAL	PRACTICE MANAGE	PRACTICE MANAGEMENT				
				Interface Name	PL Labs		•
Profile Id:	From: 12/01/2009	To: 12/22/2010 🛛 🗹 Lab 🗹 DI 🔽 R	РТ			Run Report	-
Date Received	Patient Name	Test Name	Profile Id	Date of Birth	Order Type	Status	
12/21/2010	test, LISA	highlight	0023tilda8	12/12/1961	LAB	Failed	
12/21/2010	test, LISA	highlight	0023tilda8	12/12/1961	LAB	Failed	
12/21/2010	TESt, med	CBC UNASSDIFF.2202		12/12/1960	LAB	Failed	
						Prev N	iext

If the security attribute 'Interface Dashboard – View HL7 Transaction in reports' is enabled, then provider can view the HL7 message received from the vendor by clicking on the result.

REPORTS Date Received Patient Name Test Name Profile Id Date of Birth Order Type State ORDERS 12/21/2010 test, LISA highlight 0023tilda8 12/12/1961 LAB Failer I2/21/2010 test, LISA highlight 0023tilda8 12/12/1961 LAB Failer RESULTS 12/21/2010 test, med CBC UNASSDIFF.2202 12/12/1960 LAB Failer				Interface	e Dashboard					
MAPPINGS Profile Id: From: 12/01/2009 To: 12/22/2010 Itab Itab <thitab< th=""> Itab Itab <th< th=""><th></th><th></th><th>CLINICAL</th><th></th><th>PRACTICE MANAGEMEN</th><th>NT</th><th>IMMUNIZATIONS</th><th></th><th></th></th<></thitab<>			CLINICAL		PRACTICE MANAGEMEN	NT	IMMUNIZATIONS			
Numerical Productory District 201000 District 2010000 District 2010000 District 20100000000000000000000000000000000000							Interface Name	PL Labs		
CCCORTS Classical Control State Classical Control State Classical Control State Classical Control State Faile RESULTS 12/21/2010 test, LISA highlight 0023kilda8 12/12/1961 LAB Faile RESULTS 12/21/2010 test, LISA highlight 0023kilda8 12/12/1961 LAB Faile Message Content Tests, med CBC UNASSDIFF.2022 12/12/1960 LAB Faile Message Content	MAPPINGS	Profile Id:	From: 12/01/2009	To: 12/22/2010	🗹 Lab 🗹 DI 🗹 RPT				Run Report	
ORDERS 12/21/2010 test, LISA Hiphlight 0023kilds8 12/12/1961 LAB Faile RESULTS 12/21/2010 TESt, med CBC UNASSDIFF.2022 12/12/1960 LAB Faile HL7 Transaction X Message Content Message Content X MESULTS HL7 Transaction X Message Content Message Content X MESULTS File Content X MESULTS Message Content X MESULTS Message Content X MESULTS Message Content X Message Content X X Message Content X X Message Content X X PUTITION CONTRUE ADAMSCHILL X X PUTITION CONTRUE ADAMSCHILL X X Message Content X X MODITITION CONTRUE ADAMSCHILL X X PUTITION CONTRUE ADAMSCHILL X X PUTITION CONTREAD ADAMSCHILL X <td< td=""><td>EPORTS</td><td>Date Received</td><td>Patient Name</td><td>Test Nam</td><td>ie</td><td>Profile Id</td><td>Date of Birth</td><td>Order Type</td><td>Status</td></td<>	EPORTS	Date Received	Patient Name	Test Nam	ie	Profile Id	Date of Birth	Order Type	Status	
H2/21/2010 test, LISA highlight 00238lida8 12/12/1961 LAB Faller 12/21/2010 TESt, med CBC UNASSDIFF.202 12/12/1960 LAB Faller 12/21/2010 TESt, med CBC UNASSDIFF.202 12/12/1960 LAB Faller Pression WESSUETS Pression Pression Pression <td colsp<="" td=""><td>TRITERS</td><td>12/21/2010</td><td>test, LISA</td><td>highlight</td><td></td><td>0023tilda8</td><td>12/12/1961</td><td>LAB</td><td>Failed</td></td>	<td>TRITERS</td> <td>12/21/2010</td> <td>test, LISA</td> <td>highlight</td> <td></td> <td>0023tilda8</td> <td>12/12/1961</td> <td>LAB</td> <td>Failed</td>	TRITERS	12/21/2010	test, LISA	highlight		0023tilda8	12/12/1961	LAB	Failed
12/21/2010 TESk, med CBC UNASSDIFF.2202 12/12/1960 LAB Faller Interview of the state of the stat		12/21/2010	test, LISA	highlight		0023tilda8	12/12/1961	LAB	Failed	
HL7 Transaction X Message Content MSH-~\lb(MC[NO6^\][CD6][CD6][200609181559[MICRO]ORU~R01[5561[D]2.3] PID]1][N124]N0000106]TESX*med][19601212[F][C]101 STOCKTON DRIVE~~NORTH ADAMS*M4~01247~~~~~[[(14)]S55579371][[(C1NVC[N00000172]973-19-7315]] PV11001L20~~~~NORTH ADAMS*M4~01247~~~~~~[[(14)]S5579371][[(C1NVC[N0000172]973-19-7315]] PV11001L20~~~~~NORTH ADAMS*M4~01247~~~~~~[[(14)]S5579371][[(C1NVC[N0000172]973-19-7315]] PV11001L120~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	RESULTS	12/21/2010	TESt, med	CBC UNAS	5DIFF.2202		12/12/1960	LAB	Failed	
Message Eontent MisH_~~{k}[MitC]NOB^{1}[CDB][CDB][200609181559]MICRO]ORU^R01[5561[D]2.3] PID]1][N124]N0000106]TESt~med][19601212]F][C]101 STOCKTON DRIVE~~NOB?WEADAMS*MA~01247*~~~1][(k13)555~3731][[CTATNC]N0000172]973-19-7315] PVI1[O]CLBA~~NOB?WEADAMS*MA~01247*~~~1][(k13)555~3731][[CTATNC]N0000172]973-19-7315] PVI1[O]CLBA~~NOB?WEADAMS*MA~01247*~~~1][(k13)555~3731][[CTATNC]N0000172]973-19-7315] PVI1[O]CLBA~~NOB?WEADAMS*MEADELHARMS*KET_STATUS PVI1[O]CLBA~~NOB?WEADAMS*CHARMS*KET_STATUS PVI1[O]CLBA~~NOB?WEADAMS*KET_STATUS PVI1[O]CLBA~~NOB?WEADAMS*KET_STATUS PVI1[O]CLBA~~NOB?WEADAMS*KET_STATUS PVI1[O]CLBA PVI1[O]CLBA PVI1[O]CLBA PVI1[O]CLBA PVI1[O]CLBA PVI1[D]CLBA PVI1[D]CLBA<									Prev	
MSH/~_M0[HIC](D06P][CD6][CD6][CD6][CD6][CD6][CD6][CD6][CD6			HL7 Transaction						¢ .	
MSH/~_M0[HIC](D06P][CD6][CD6][CD6][CD6][CD6][CD6][CD6][CD6			Message Content							
			MSH ~~\8\MIC NOB^ ICD8] DRIVE~NORTH ADAMS^MA PV11[0]LAB~NOB[WY38 REFICOM^1	-01247~~~~ (413): 998 000100^Butler^ 1 200608071539 11 strE~~Dr^MD~~~ 1 WSAM^Henter^Te ^L200.0300^RED CELL 00.0400~HEMOGLOB 0.0600^MCV~L200. 200.0700~MEAN COR!	555-9731[][CATÑC[N00001] Internist^E^_Dr-MD- [0001111-Ylenter^Test^Er ^~EI] 08R[1][umasW]umas Xt^E~D0r~MD- LOOD COUNT[1]SAPR01-55 COUNT[1]5.007.00]/CMM [N]111.0]G/DL[11.1-15.7[L]] 0600^MEAN CORPUSCULAR USCULAR HEOGLOBIN[1]3	72 973-19-7315 ^EI PR P Dr-MD CBC UNASSDIF INORTH ADAMS F INORTH ADAMS F INORTANAS F INORTH ADAMS F INORTH AD	REG ~EI] FF.2202^DIFFERENTIAL REGIONAL HOSPITAL^ML GUS /CMM 4.5-13.0 N C 0500~HCT~~L200.0500~H 2181.0-99.0 N C	F HEMATOCRIT 1 34.0]%		

Additional Features

Unreviewing a Reviewed Lab:

The security attribute, 'Unreview Labs/DI/Procedure' has been added to the Security Settings window to enable the user to open and mark a previously reviewed lab as unreviewed.

To mark reviewed labs as not reviewed, go to File -> Security Settings. Select 'Unreview Labs/DI/Procedure' security key. Assign the security setting to a user who can access the feature:

By User	By Security Attribute	1
SS Refill Response		Permission
		Save Close

To unreview a reviewed lab, select a reviewed lab from the Labs/Imaging screen and open it. The Lab Result window will open. Click on the Options button on the bottom of the window and click on Unreview. A pop-up message will display. Select Yes. The lab will now be marked as unreviewed and the Open button is selected automatically.

🖹 Lab Results		\$:
Patient Sel Info Hub Test, Lab DOB:12/12/1960 Age:50Y Sex:F Tel:508-888-8888 Acct No:75802, WebEnabled: No	Provider: Willis, Sam	Over Test, A P
Don't publish to Web Portal Lab Information CMP Reason Received from Generic	Order Date Collection Date Time Set 11/16/2010 Image: 8 /16/2007 01:51 PM Actual Fasting Image: 8 /16/2007 Image: 8 /16/2007 Image: 8 /16/2007	Group I Med
Specimen Source	Not Recorded Ordered Fasting Description Collection Volume Units	NO
Received Date 8 /17/200	Result Glucose Urea Nitro Creatinine BUN/Creat Sodium Potassium Chlori 92 15 1.2 13 140 4.7 104	I
Assessments: Clinical Info: lab reg	Show Specify Notes: Addendum add note Internal Notes: eClinicalMessenger ecw only	
Custom // Reports Print Prev		Only)
Construction of the first state	Order Instruction User Logs Specialty Forms Anti-Coagulant Flows	heet

Practice Defaults Settings

To display lab results on Progress Notes:

1. From the File menu, hover over the Settings option to open a drop-down list.

2. From the drop-down list, click the Practice Defaults option. The Practice Defaults window opens.

3. Click the Labs tab to display the Labs options.

4. Check the Show Lab Results on Progress Notes box:

🖷 Practice Defaults	×
Default values set here will be applied to all computers in all offices across the j	practice. Please make sure to choose proper defaults.
Default values set here will be applied to all computers in all offices across the performance Front Office Mid Office Interface General Labs Styles Performance Image: All orders must be associated with assessment(s) while ordering Change appointment provider to ordering provider when transferring lab from future to current visit Allow ONLY selection of specimen source and description in lab review Show ONLY outstanding and unreviewed Future Orders in order screen Select 'Specimen Collection' for current labs while transmitting - Option must be enabled for the supporting lab interface. Select the logged in provider as the default provider while ordering labs for virtual visits	Portal Options Scanning/Printing Lab/DI Default Company Lab Company None DI Company None User level default will overwrite the above selection.
 Mark In House lab as received if results are entered manually Do not allow transfer of reviewed future orders to current visit. Show notes on Progress Notes for Past Results Show Lab Results on Progress Notes Show Labs/DI/Procedures notes Show only In-House labs results 	Default Bill To Physician Account Lab Company Never DI Company Never Save Setting for Future Orders
Lab Results	Lookup Date Range For Viewing
 Assign results to referring provider Assign sto ordering provider if referring provider is an external provider Enable 'Result Based Billing' interface (MUST be enabled for the interfaces as well) Contract linear is addee are precisited with lab. 	Lokup Date Kange For Viewing Lab Cumulative Report: 0 days View All Reports by Patient: 0 days Maximum number of reports for the 5 same test in Cumulative Report - Web View of Cumulative Report must be enabled
	<u></u> QK <u></u> ancel

5. Check one or both of the following boxes as appropriate (these options are only available if the Show Lab Results on Progress Notes box is checked):

Show Labs/DI/Procedure notes - Display notes for lab, diagnostic imaging, and procedures on the Progress Notes window (in the Treatment section, under the associated lab).

Show only In-House labs results - Display results ONLY for In-House labs. Results for labs that are sent out to a lab company are not displayed. If a lab is marked as in-house and this Practice Default option is checked, then results for those lab orders will be displayed in Progress Notes, but results for labs that are not marked as in-house, will not display in Progress Notes.

6. Click the OK button. The lab results and notes are displayed or hidden as configured.

Configuring the Default Bill to Physician Status for Labs:

Configure the default setting for 'Bill to Physician' option for labs and diagnostic imaging tests from Practice Defaults.

1. From the File menu, hover over the Settings option to open a drop-down list.

2. From the drop-down list, click the Practice Defaults option. The Practice Defaults window opens.

3. Click the Labs tab. The Lab options display.

🐃 Practice Defaults	×
Default values set here will be applied to all computers in all offices across the	e practice. Please make sure to choose proper defaults.
Front Office Mid Office Interface General Labs Styles Performance	ce Portal Options Scanning/Printing
 All orders must be associated with assessment(s) while ordering Change appointment provider to ordering provider when transferring lat from future to current visit Allow ONLY selection of specimen source and description in lab review Show ONLY outstanding and unreviewed Future Orders in order screen Select 'Specimen Collection' for current labs while transmitting Option must be enabled for the supporting lab interface. Select the logged in provider as the default provider while ordering labs virtual visits Mark In House lab as received if results are entered manually Do not allow transfer of reviewed future orders to current visit. Show notes on Progress Notes for Past Results 	None DI Company None - User level default will overwrite the
 Show Lab Results on Progress Notes Show Labs/DI/Procedures notes Show only In-House labs results 	DI Company Never
Lab Results Assign results to referring provider Assigns to ordering provider if referring provider is an external provider Enable 'Result Based Billing' interface (MUST be enabled for the interfaces as well) CPTs and diagnosis codes are associated with lab codes upon arrival of the result. Send copies of lab results to providers in the 'CC list' (internal providers ONLY) Option must be enabled for the supporting lab interface.	Lookup Date Range For Yiewing Lab Cumulative Report: 0 days View All Reports by Patient: 0 days Maximum number of reports for the 5 same test in Cumulative Report - Web View of Cumulative Report must be enabled
	<u>O</u> K <u>C</u> ancel

4. Select one of the following options from the Lab Company and DI Company drop-down lists:

- **Never** The Bill to Physician box is unchecked by default.
- Always The Bill to Physician box is checked by default.
- Self-Pay/No Insurance The Bill to Physician box is only checked when the patient is marked as Self-Pay or has no insurance.

5. To use these settings on future labs as well, check the Save Setting for Future Orders box.

6. Click OK. The default Bill to Physician status is configured.

Configuring the Default Lookup Date Range for Cumulative Reports

1. From the File menu, hover over the Settings option to open a drop-down list.

2. From the drop-down list, click the Practice Defaults option. The Practice Defaults window opens.

3. Click the Labs tab. The Labs options display.

4. Enter the number of days in the fields in the Lookup Date Range for Viewing section:

Practice Defaults	<u> </u>
Default values set here will be applied to all computers in all offices across the	e practice. Please make sure to choose proper defaults.
Front Office Mid Office Interface General Labs Styles Performance	e Portal Options Scanning/Printing
 All orders must be associated with assessment(s) while ordering Change appointment provider to ordering provider when transferring lat from future to current visit Allow ONLY selection of specimen source and description in lab review Show ONLY outstanding and unreviewed Future Orders in order screen Select 'Specimen Collection' for current labs while transmitting Option must be enabled for the supporting lab interface. Select the logged in provider as the default provider while ordering labs virtual visits Mark In House lab as received if results are entered manually Do not allow transfer of reviewed future orders to current visit. Show notes on Progress Notes for Past Results Show Labs/DI/Procedures notes Show only In-House labs results 	None DI Company None User level default will overwrite the
Lab Results Assign results to referring provider - Assigns to ordering provider if referring provider is an external provider Enable 'Result Based Billing' interface (MUST be enabled for the interfaces as well) - CPTs and diagnosis codes are associated with lab codes upon arrival of the result. ✓ Send copies of lab results to providers in the 'CC list' (internal providers ONLY) - Option must be enabled for the supporting lab interface.	Lookup Date Range For Viewing Lab Cumulative Report: 0 days View All Reports by Patient: 0 days Maximum number of reports for the 5 same test in Cumulative Report - Web View of Cumulative Report must be enabled
	<u>O</u> K <u>C</u> ancel

Note: The default for these two fields is set to 180 days; if zero (0) is entered, the default of 180 days will be applied.

5. Click the OK button.

The default date range for Cumulative Reports is configured.

Specifying the Default Lab Company

Specify the lab company or diagnostic imaging company selected by default from Practice Defaults. This will apply to entire practice. This option affects the windows access from the following locations:

- EMR menu > Labs
- EMR menu > Diagnostic Imaging
- Progress Notes window > Lab Reports
- Progress Notes window > Diagnostic Imaging
- Progress Notes window > Treatment heading > Printing Labs or Diagnostic Imaging

- Progress Notes window > Treatment heading > Faxing Labs or Diagnostic Imaging
- Progress Notes window > Treatment heading > Transmitting Labs or Diagnostic Imaging

To specify a default lab company:

The Practice Defaults window opens. Specify the lab company selected by default from Practice Defaults. This option affects the windows access from the following locations:

- 1. From the File menu, hover over the Settings option to open a drop-down list.
- 2. From the drop-down list, click the Practice Defaults option.
- 3. Click the Labs tab. The Lab options display.
- 4. Select the lab company from the Lab Company drop-down list.
- 5. Click the OK button. The default diagnostic imaging company is specified.

6. Log out and log back in to view these changes.

Default values set here will be applied to all computers in all offices across the	e practice. Please make sure to choose proper defaults.
Front Office Mid Office Interface General Labs Styles Performance	e Portal Options Scanning/Printing
 All orders must be associated with assessment(s) while ordering Change appointment provider to ordering provider when transferring lat from future to current visit Allow ONLY selection of specimen source and description in lab review Show ONLY outstanding and unreviewed Future Orders in order screen Select 'Specimen Collection' for current labs while transmitting Option must be enabled for the supporting lab interface. Select the logged in provider as the default provider while ordering labs virtual visits Mark In House lab as received if results are entered manually Do not allow transfer of reviewed future orders to current visit. Show notes on Progress Notes for Past Results 	None DI Company None User level default will overwrite the
 Show Lab Results on Progress Notes Show Labs/DI/Procedures notes Show only In-House labs results 	Never
Lab Results	Lookup Date Range For Viewing
 Assign results to referring provider Assigns to ordering provider if referring provider is an external provider Enable 'Result Based Billing' interface (MUST be enabled for the interfaces as well) CPTs and diagnosis codes are associated with lab codes upon arrival of the result. Send copies of lab results to providers in the 'CC list' (internal providers ONLY) Option must be enabled for the supporting lab interface. 	Lab Cumulative Report: 0 days View All Reports by Patient: 0 days Maximum number of reports for the 5 same test in Cumulative Report - Web View of Cumulative Report must be enabled
	<u>O</u> K <u>C</u> ancel

The same setting can also be configured per user from progress note of a patient.

- 1. From the progress note of a patient click on Lab Reports.
- 2. Click on My Defaults and My Lab/DI Orders window opens.
- 3. Select a Lab company from the drop down.

X

🖷, Manage Orders					×
Medication Summary	Add New Rx	Add New Order			
Assessments	Lookup:	By: Order Name 💌 S	tarts With 💌 Type: Both	🔽 🚖 🔍 Lab	◎DI ◎Procedure
Prev Dx Add	Lab Company: All				
Select All		Please type in	the search box.		
🗖 763.81 AB FTL HRT RT/R					
	New My Defaults				Previous Next
	Today's Orders		Future Orders		e 06/29/2011
	😑 🗖 s 🗖 F IH Description	•	🗖 T 🗖 S 🗖 F IH Des		Order Date 😂
	ITTEL Receipt Receipt and Receipters				
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CC Results To					Fo Physician Account
Quick Transmit Quick P	rint		Patholog	y Detail Ad	d Standing Orders
		<u>о</u> к			

🐃 My Lab/DI Orders Default 🛛 🗙				
- Set Default Options				
Set Default to Future Order				
Hide Alias/Component when searching by Name				
Lab Company None 🔻				
Hide Details in selected orders				
Do NOT show Printer Dialog while printing labels				
Show My Favorite Labs				
Select single assessment				
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