



ehrTHOMAS

HOW TO MEET STAGE 2 MEANINGFUL USE MEASUREMENTS

2014 EDITION

Revised: June 2014



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Introduction

The purpose of this document is to assist eligible professionals (EPs) and their office staff in regards to reaching the Stage 2, 2014 edition of Meaningful Use measures within the ehrTHOMAS program. The measurements described in this guide correspond to the actions that participating providers are required to comply with according to the “Centers for Medicare & Medicaid Services” (CMS). This document also describes the various methods used to reach particular measurement thresholds; some measurements require manual input while others are completed automatically as a result of initiations within the system settings. Ultimately, it is the responsibility of the participating practice to ensure that all Meaningful Use measures are being fulfilled accordingly throughout each designated reporting period.

Providers participating in the EHR Incentive Programs who have met Stage 1 for two or three years will need to meet meaningful use Stage 2 criteria.

Please note that for 2014, Stage 2 Year 1 will have to report for 90 days. EPs moving forward to Stage 2 Year 2 in 2015 will have to report for the full calendar year.

Important Dates

EPs attesting for Medicare and Medicaid must choose one of the following reporting periods:

- July 1st, 2014 through September 30, 2014
- October 1st, 2014 through December 31st, 2014

February 28th, 2014 is the last day a provider can submit their attestation.

Additional Resources

More information regarding meaningful use and attestation can be found on CMS’s website at www.cms.gov.

For more information, questions, or concerns regarding the ehrTHOMAS program, please contact Genius Solutions at 1-586-751-9080, option 7. Support hours are from 8am to 6pm EST Monday through Friday.

Resource Links

[EHR Incentive Programs - Meaningful Use Website](#)

[CMS - 2014 Clinical Quality Measures Tipsheet](#)

[CMS - Participation Timeline](#)

[CMS – Other Educational Materials](#)

[Registration and Attestation Website](#)

[CMS – Registration and Attestation Help](#)

Core Measures

Measure 1: Use Computerized Provider Order Entry (CPOE) for Medication, Laboratory, and Radiology Orders Directly Entered

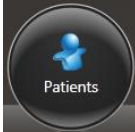

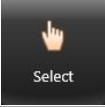






There are three components to this measure; CPOE for medication orders, laboratory orders and radiology orders. Each type of order has its own threshold.

CPOE for Medication Orders



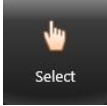





Threshold = 60%

The measurement can be fulfilled two ways; by creating an electronic prescription or adding a current medication to the medication list.

Please note the order must be entered by someone who could exercise clinical judgment in the case that the entry generates any alerts about possible interactions or other clinical decision support aides.

Method 1 - How to prescribe a medication:	
Click the PATIENTS BUTTON.	
Enter the search criteria into the SEARCH BOX.	
Single click the patient within the patient list and click the SELECT BUTTON.	
Create a new or open an existing encounter.	  
Click the MEDICATIONS BUTTON.	
Click the DRFIRST BUTTON.	
The DRFIRST website screen will appear.	
Click the PRESCRIBE LINK at the top of the screen.	

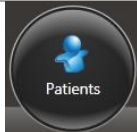






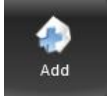




<p>Before you prescribe a medication you must complete the following:</p> <ol style="list-style-type: none"> 1. Select a pharmacy for the patient. DrFirst will prompt you to enter in a pharmacy if one is not selected. 2. Add allergy information. 	<p>Patient Pharmacy Information</p> <p>Click on a pharmacy name to select that pharmacy for this patient.</p> <p>Report a pharmacy data problem</p> <p>(E): accepts (C): accepts 24: is Codes: electronic EPCS open 24 prescriptions prescriptions hours (MO): mail No Fax: does (Elig): order not accept requires faxes at all eligibility (R): Retail (LTC): Long (SP): Term Care Specialty</p> <p>List: <input type="radio"/> Favorite List <input type="radio"/> Practice List <input checked="" type="radio"/> All lists</p> <p>Name: <input type="text"/> City: <input type="text"/></p> <p>State: MD <input type="text"/> Address: <input type="text"/></p> <p>Phone: <input type="text"/> Zip: <input type="text"/></p> <p>Fax: <input type="text"/> 24 hours: <input type="checkbox"/></p> <p>Pharmacy Type: <input type="checkbox"/> Retail <input type="checkbox"/> Specialty <input type="checkbox"/> Long Term Care</p> <p>EPCS Enabled: <input type="checkbox"/> All Mail Order</p> <p><input type="button" value="Find"/> <input type="button" value="Clear Fields"/></p> <p>Add a new pharmacy to the practice list</p> <p><input type="button" value="Cancel"/></p>
<p>Search for the name of the medication under the PRESCRIBE A MEDICATION header.</p>	<p>Prescribe a Medication</p> <p>Select Medication for Prescription</p> <p>Name: <input type="text"/> <input type="button" value="Find"/></p>
<p>Select the proper drug and dosage from the search results.</p> <p>**DO NOT USE FREE TEXT MEDICATIONS** Using free text medication will cause inaccurate drug-drug and drug-allergy interaction checks.</p>	<p>amoxicillin</p> <p>250 mg capsule 500 mg capsule 125 mg/5 mL suspension for reconstitution [80.0ml] [100.0ml] [150.0ml] 200 mg/5 mL suspension for reconstitution [50.0ml] [75.0ml] [100.0ml] 250 mg/5 mL suspension for reconstitution [80.0ml] [100.0ml] [150.0ml] [300.0ml] 400 mg/5 mL suspension for reconstitution [50.0ml] [75.0ml] [100.0ml] [200.0ml] 500 mg tablet 875 mg tablet 125 mg tablet, chewable 250 mg tablet, chewable 400 mg tablet, chewable</p>
<p>Enter in prescription details.</p>	<p>Enter Details - Oral/Topical Drugs</p> <p>Provider: <input type="text" value="Provider, Genius Solutions"/></p> <p>Pharmacy: <input type="text" value="CVS/pharmacy #8135 (C) (E) (4239 12 MILE RD. WARREN MI)"/> <input type="button" value="Change"/> <input type="button" value="Remove"/> <input type="button" value="Split Prescription"/></p> <p>Drug: amoxicillin <input type="text" value="250 mg capsule"/></p> <p>Sig: <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/></p> <p>Duration: <input type="text"/> Patient Weight: <input type="text" value="0"/> kg (<input type="text" value="0"/> lb) <input type="button" value="Show Dose Calculator"/></p> <p>Quantity: <input type="text"/> <input type="text"/></p> <p>Refills: none <input type="text"/></p> <p>Directions to Pharmacist: <input type="text" value="Substitution permitted"/></p> <p>Directions to Patient: <input type="text"/></p>
<p>Click the CONTINUE BUTTON.</p>	<p><input type="button" value="Continue"/></p>
<p>Review the script and click the OK BUTTON.</p>	<p><input type="button" value="OK"/></p>
<p>Ensure the prescription that needs to be sent is checked.</p>	<p><input checked="" type="checkbox"/></p>
<p>Enter the SIGNATURE PASSWORD or click on SEND, SIGNATURE TO FOLLOW.</p>	<p>Signature Password: <input type="text"/></p>
<p>Click on the SEND BUTTON.</p>	<p><input type="button" value="Send"/></p>

Method 2 - How to add an existing medication:	
Click the PATIENTS BUTTON.	
Enter the search criteria into the SEARCH BOX.	
Single click the patient within the patient list and click the SELECT BUTTON.	
Create a new or open an existing encounter.	  
Click the MEDICATIONS BUTTON.	
Click the DRFIRST BUTTON.	
The DRFIRST website screen will appear.	
Search for the name of the medication under the PATIENT MEDICATION REPORT header.	<p>Patient Medication Report</p> <p>This screen is for viewing and modifying the patient's medication list, and adding medications that have been prescribed previously or elsewhere.</p> <p>Add a Medication: <input type="text"/> <input type="button" value="Find"/></p>
Select the proper drug and dosage from the search results. **DO NOT USE FREE TEXT MEDICATIONS** Using free text medication will cause inaccurate drug-drug and drug-allergy interaction checks.	<p><u>Use free text 'prozac'</u></p> <p>Prozac (fluoxetine) 10 mg capsule 20 mg capsule 40 mg capsule</p> <p>Prozac Weekly (fluoxetine) 90 mg capsule, delayed release(DR/EC)</p>
Enter in medication details, if any.	<p>Enter Details - Oral/Topical Drugs</p> <p>Provider: <input type="text" value="Provider, Genius Solutions"/></p> <p>Drug: <input type="text" value="Prozac (fluoxetine) 20 mg capsule"/></p> <p>Sig: <input type="text"/></p> <p>Duration: <input type="text"/></p> <p>Quantity: <input type="text"/></p> <p>Refills: <input type="text" value="none"/></p> <p>Directions to Pharmacist: <input type="text" value="Substitution permitted"/></p> <p>Directions to Patient: <input type="text"/></p> <p>Date Started: <input type="text" value="today"/></p> <p>Date Last Filled: <input type="text" value="today"/></p> <p>Date Stopped: <input type="text" value="today"/></p> <p>Comments (For office use only; will not appear on prescription): <input type="text"/></p>
Click the CONTINUE BUTTON.	<input type="button" value="Continue"/>

CPOE for Laboratory Orders

Threshold = 30%

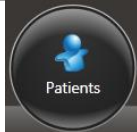











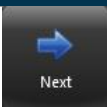


The measurement can be fulfilled two ways; by manually ordering a laboratory or importing lab results through an interface.

Method 1 - How to order laboratories:	
Click the PATIENTS BUTTON.	
Enter the search criteria into the SEARCH BOX.	
Single click the patient within the patient list and click the SELECT BUTTON.	
Create a new or open an existing encounter.	  
Click the LABS BUTTON.	
Click the ADD BUTTON.	
Select appropriate location from where the lab will be ordered from the dropdown menu (and fill out misc. info such as ordering doctor, date for lab, etc.)	
Select the appropriate lab which would like to be ordered from the "All Codes" section.	
Click the NEXT BUTTON.	
Click the CLOSE BUTTON to save the laboratory order.	

For the second method, import lab results from an interface, please see enter lab results on page ##.

CPOE for Radiology Orders

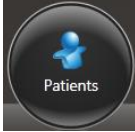

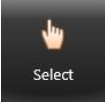






Threshold = 30%

How to create a radiology order:	
Click the PATIENTS BUTTON.	
Enter the search criteria into the SEARCH BOX.	
Single click the patient within the patient list and click the SELECT BUTTON.	
Create a new or open an existing encounter.	  
Click the DIAGNOSTIC ORDERS BUTTON.	
Select the appropriate prescriber.	Prescriber: 
Select appropriate location from where the radiology order will be done (and fill out misc. info such as prescriber, target date, etc).	Facility: 
Type in the desired diagnostic order in the search box.	Search: 
Click the appropriate radiology order from the “All Codes” section.	 
Click the NEXT BUTTON.	
Enter “Comments” if desired then click the SAVE BUTTON.	
Print the document that populates after clicking SAVE and have the doctor sign the document if the patient will be going to a different facility to fulfill the radiology order.	

Measure 2: Generate and Transmit Permissible Prescriptions Electronically (eRx)

Threshold: 50%

This measurement can be fulfilled by electronically prescribing medications.

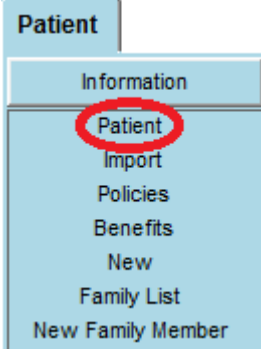
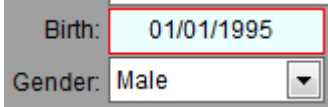
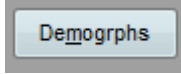
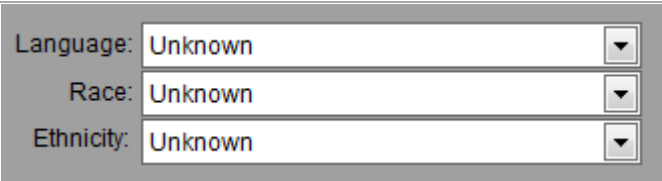

How to prescribe a medication:	
Click the PATIENTS BUTTON.	
Enter the search criteria into the SEARCH BOX.	
Single click the patient within the patient list and click the SELECT BUTTON.	
Create a new or open an existing encounter.	  
Click the MEDICATIONS BUTTON.	
Click the DRFIRST BUTTON.	
The DRFIRST website screen will appear.	
Click the PRESCRIBE LINK at the top of the screen.	

<p>Before you prescribe a medication you must complete the following:</p> <ol style="list-style-type: none"> 1. Select a pharmacy for the patient. DrFirst will prompt you to enter in a pharmacy if one is not selected. 2. Add allergy information. 	<div style="background-color: #4F81BD; color: white; padding: 2px;">Patient Pharmacy Information</div> <p>Click on a pharmacy name to select that pharmacy for this patient. Report a pharmacy data problem</p> <p>(E): accepts (C): accepts 24: is Codes: electronic EPCS open 24 prescriptions prescriptions hours (MO): mail No Fax: does (Elig): order not accept requires faxes at all eligibility (R): Retail (LTC): Long (SP): Term Care Specialty</p> <p>List: <input type="radio"/> Favorite List <input type="radio"/> Practice List <input checked="" type="radio"/> All lists</p> <p>Name: <input type="text"/> City: <input type="text"/></p> <p>State: MD <input type="text"/> Address: <input type="text"/></p> <p>Phone: <input type="text"/> Zip: <input type="text"/></p> <p>Fax: <input type="text"/> 24 hours: <input type="checkbox"/></p> <p>Pharmacy Type: <input type="checkbox"/> Retail <input type="checkbox"/> Specialty <input type="checkbox"/> Long Term Care</p> <p>EPCS Enabled: <input type="checkbox"/> All Mail Order</p> <p><input type="button" value="Find"/> <input type="button" value="Clear Fields"/></p> <p style="text-align: center;">Add a new pharmacy to the practice list</p> <p><input type="button" value="Cancel"/></p>
<p>Search for the name of the medication under the PRESCRIBE A MEDICATION header.</p>	<div style="background-color: #4F81BD; color: white; padding: 2px;">Prescribe a Medication</div> <div style="background-color: #4F81BD; color: white; padding: 2px;">Select Medication for Prescription</div> <p>Name: <input type="text"/> <input type="button" value="Find"/></p>
<p>Select the proper drug and dosage from the search results.</p> <p>**DO NOT USE FREE TEXT MEDICATIONS** Using free text medication will cause inaccurate drug-drug and drug-allergy interaction checks.</p>	<p>amoxicillin</p> <p>250 mg capsule 500 mg capsule 125 mg/5 mL suspension for reconstitution [80.0ml] [100.0ml] [150.0ml] 200 mg/5 mL suspension for reconstitution [50.0ml] [75.0ml] [100.0ml] 250 mg/5 mL suspension for reconstitution [80.0ml] [100.0ml] [150.0ml] [300.0ml] 400 mg/5 mL suspension for reconstitution [50.0ml] [75.0ml] [100.0ml] [200.0ml] 500 mg tablet 875 mg tablet 125 mg tablet, chewable 250 mg tablet, chewable 400 mg tablet, chewable</p>
<p>Enter in prescription details.</p>	<div style="background-color: #4F81BD; color: white; padding: 2px;">Enter Details - Oral/Topical Drugs</div> <p>Provider: <input type="text" value="Provider, Genius Solutions"/></p> <p>Pharmacy: <input type="text" value="CVS/pharmacy #8135 (C) (E) (4239 12 MILE RD. WARREN MI)"/> <input type="button" value="Change"/> <input type="button" value="Remove"/> <input type="button" value="Split Prescription"/></p> <p>Drug: <input type="text" value="amoxicillin"/> <input type="text" value="250 mg capsule"/></p> <p>Sig: <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/></p> <p>Duration: <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/></p> <p>Quantity: <input type="text"/> <input type="text"/></p> <p>Refills: <input type="text" value="none"/></p> <p>Directions to Pharmacist: <input type="text" value="Substitution permitted"/></p> <p>Directions to Patient: <input type="text"/></p> <p>Patient Weight: <input type="text" value="0"/> kg (<input type="text" value="0"/> lb) <input type="button" value="Show Dose Calculator"/></p>
<p>Click the CONTINUE BUTTON.</p>	<input type="button" value="Continue"/>
<p>Review the script and click the OK BUTTON.</p>	<input type="button" value="OK"/>
<p>Ensure the prescription that needs to be sent is checked.</p>	<input checked="" type="checkbox"/>
<p>Enter the SIGNATURE PASSWORD or click SEND, SIGNATURE TO FOLLOW.</p>	<p>Signature Password: <input type="text"/></p>
<p>Click on the SEND BUTTON.</p>	<input type="button" value="Send"/>

Measure 3: Record Demographic Information

Threshold = 80%

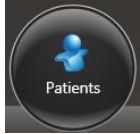

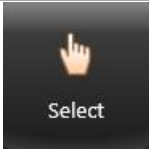
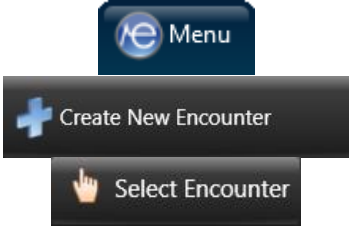





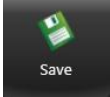
This measure is only done in eTHOMAS and only needs to be completed for EVERY UNIQUE PATIENT with an encounter. If demographics are entered in ehrTHOMAS, [the information in eTHOMAS will override those areas.](#)

How to record patient demographics in eTHOMAS:	
<p>Click PATIENT under “Patient” tab</p> <p>OR</p> <p>Click the patient’s name.</p>	
<p>Fill in <u>Birth</u> and <u>Gender</u>.</p>	
<p>Click the DEMOGRPHS BUTTON at the bottom of the screen.</p>	
<p>Complete the <u>Language</u>, <u>Race</u>, and <u>Ethnicity</u> fields.</p>	
<p>Click the SAVE BUTTON.</p>	

Measure 4: Record and Chart Vitals

Threshold = 80%

This module must be completed for EVERY UNIQUE PATIENT with an encounter. Patients under the age of 3 years do not need to have blood pressure recorded. Certain specialty practices may qualify for exclusions on one or more of these vital sign measures. Unless a practice has been notified of these exclusions, continue to record all of the mentioned vitals to meet the “Meaningful Use” standard.

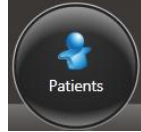

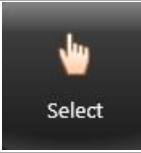
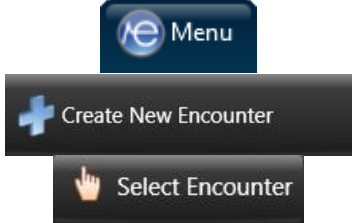


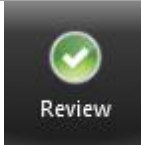
How to record vitals:	
Click the PATIENTS BUTTON.	
Enter the search criteria into the SEARCH BOX.	
Single click the patient within the patient list and click the SELECT BUTTON.	
Create a new or open an existing encounter.	
Click the VITALS BUTTON.	
Click the BP SYSTOLIC BUTTON and enter the appropriate value.	
Click the BP DIASTOLIC BUTTON and enter the appropriate value.	
Click the HEIGHT BUTTON and enter the appropriate value.	
Click the WEIGHT BUTTON and enter the appropriate value.	
Click the SAVE BUTTON to save the changes.	

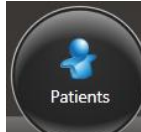

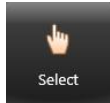
Measure 5: Record Smoking Status for Patients 13 Years or Older

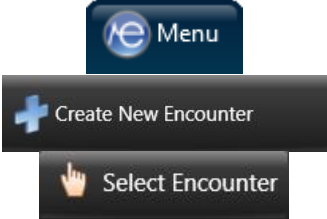
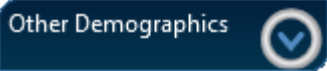


Threshold = 80%

This objective must be completed for EVERY UNIQUE PATIENT with an encounter. There are two ways to fulfill this measurement; by entering the smoking status through the “Family Health History” module OR through the patient demographic edit screen.

Please note that the Family/Social History will still be available to use, however if the smoking status is entered in this module, it will **NOT** count towards meaningful use.

Method 1 - How to record Smoking Status via “ Family Health History” Screen:	
Click the PATIENTS BUTTON.	
Enter the search criteria into the SEARCH BOX.	
Single click the patient within the patient list and click the SELECT BUTTON.	
Create a new or open an existing encounter.	
Click the FAMILY HEALTH HISTORY BUTTON.	
Select the appropriate smoking status from the SMOKING STATUS DROP DOWN.	
Click the REVIEW BUTTON to save the changes.	

Method 2 - How to record Smoking Status via “Patient Edit” screen:	
Click the PATIENTS BUTTON.	
Enter the search criteria into the SEARCH BOX.	
Single click the patient within the patient list and click the SELECT BUTTON.	



<p>Create a new or open an existing encounter.</p>	
<p>Click the PATIENT'S NAME or click the PATIENT PICTURE to go to the Patient Edit screen.</p>	
<p>Click the OTHER DEMOGRAPHIC DROP DOWN.</p>	
<p>Click the appropriate smoking status from the SMOKING STATUS DROP DOWN.</p>	
<p>Click the SAVE BUTTON to save the changes.</p>	

Measure 6: Implement Five Clinical Decision Support (CDS) Rule

There are two components to this measure: implementing 5 CDS rules and drug-drug and drug-allergy interaction checks.

Implement 5 CDS Rules

Threshold: Must be enabled for the whole reporting period

How to check if a CDS rule was implemented:	
Click the CODE FILES BUTTON.	
Click the CDS RULES BUTTON.	

If there are no CDS Rules listed or an insufficient amount of CDS rules are in place, please call Genius Solutions and have them help your office set them up.

Drug-Drug and Drug-Allergy Interaction Checks

Threshold: Must be enabled for the whole reporting period

ehrTHOMAS automatically checks the drug-drug and drug-allergy interaction before completing an electronic prescription through DrFirst. If there is an interaction, the user will be prompted with this notification after the user selects a medication. The drug-drug and drug-allergy check will not check those medications that are fee-text.

Confirm Prescription Despite Warning

The medication(s) you have prescribed may not be appropriate given this patient's information.

DRUG INTERACTION ALERT! Melissa X Test (01/26/1990) is being given **ciprofloxacin**, which has a moderate incidence of adverse effects when combined with the drug you have just prescribed, **tamoxifen**. [See Reference]. Proceed with caution.

DRUG INTERACTION ALERT! Melissa X Test (01/26/1990) is being given **Prozac (fluoxetine)**, which has a severe incidence of adverse effects when combined with the drug you have just prescribed, **tamoxifen**. [See Reference]. Proceed with extreme caution.

You may provide a justification for prescribing this medication notwithstanding the warning.

Reminder: The professional duty in providing care to the patient lies solely with the healthcare professional providing such service, and the ehrTHOMAS eRX prescription tool is in no way intended to replace or substitute for professional judgment.

Any questions regarding this objective, please call Genius Solutions.

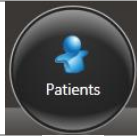

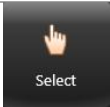
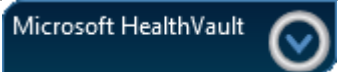



Measure 7: Provide Patients the Ability to View Online, Download, and Transmit Their Health Information

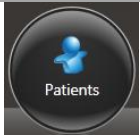

There are two components to this measure; provide the patient the ability to view online, download, and transmit their health information and the patient will have to view online, download, or transmit their health information.

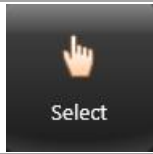
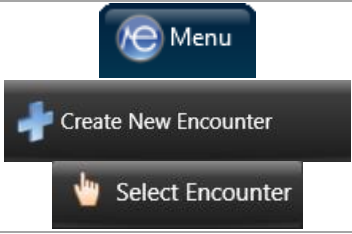


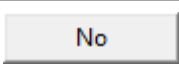
Part A: Provide the patient the ability to view online, download and transmit their health information.

Threshold = 50%

This objective must be completed for EVERY UNIQUE PATIENT with an encounter. This measure can be fulfilled two ways; by printing out instructions on how to connect with HealthVault or if the patient is already registered for HealthVault the office must send a CCD to HealthVault within 4 business days.

How to print out instructions to registered to HealthVault:	
Click the PATIENTS BUTTON.	
Enter the search criteria into the SEARCH BOX.	
Single click the patient within the patient list and click the SELECT BUTTON.	
Click the PATIENT'S NAME or click the PATIENT PICTURE to go to the demographics screen.	
Click the MICROSOFT HEALTHVAULT DROP DOWN.	
Click the CONNECT TO HEALTHVAULT BUTTON.	
Enter the patient's NAME, SECURITY QUESTION, SECURITY ANSWER, AND AN EMAIL ADDRESS TO SEND THE CONFIRMATION TO (if applicable).	
Click the SEND BUTTON.	
Click the PRINT BUTTON to provide the instructions to the patient, or if the patient's email was entered, click the CLOSE BUTTON.	

How to send information to HealthVault if the patient is already registered:	
Click the PATIENTS BUTTON.	
Enter the search criteria into the SEARCH BOX.	

<p>Single click the patient within the patient list and click the SELECT BUTTON.</p>	
<p>Create a new or open an existing encounter.</p>	
<p>Click the CREATE CLINICAL SUMMARY RECORD BUTTON.</p>	
<p>Click the SEND TO HEALTHVAULT BUTTON.</p>	
<p>A window will prompt the user that a CCDa has been created. Click the NO BUTTON to continue.</p>	

Part B: Patients view online, download, or transmit their health information.

Threshold = 5%

This objective must be completed for EVERY UNIQUE PATIENT with an encounter. To fulfill this measure the patient must log into their HealthVault account and view online, download, or transmit their health information. Best practice is to have the clinical staff help each patient setup the HealthVault and direct messaging account and assist them on how to access their health information.

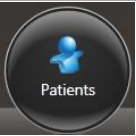


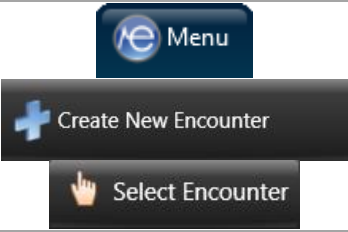

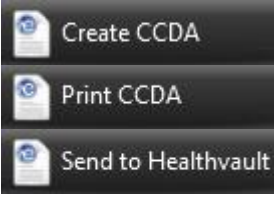
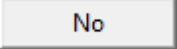
For information please view the ehrTHOMAS Microsoft HealthVault Practice Guide and the ehrTHOMAS Microsoft HealthVault Patient Guide.

Measure 8: Provide Clinical Summaries for Patients for Each Office Visit

Threshold = 50%

A clinical summary must be created for EVERY encounter.

How to create a summary of care record via Patient Menu screen:

<p>Click the PATIENTS BUTTON.</p>	
<p>Enter the search criteria into the SEARCH BOX.</p>	
<p>Single click the patient within the patient list and click the SELECT BUTTON.</p>	
<p>Create a new or open an existing encounter.</p>	
<p>Click the CREATE CLINICAL SUMMARY RECORD BUTTON.</p>	
<p>Click the CREATE CCDA OR PRINT CCDA OR SEND TO HEALTHVAULT BUTTON.</p>	
<p>A window will prompt the user that a CCDA has been created. Click the NO BUTTON to continue.</p>	

Measure 9: Protect Electronic Health Information Created or Maintained by the CEHRT through the Implementation of Appropriate Technical Capabilities

In addition to meeting each measure of meaningful use, CMS requires eligible professionals to conduct a security risk analysis. If the office has their own hardware technician, please contact him/her regarding a security risk analysis.

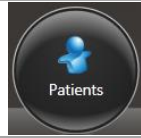

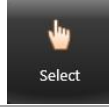

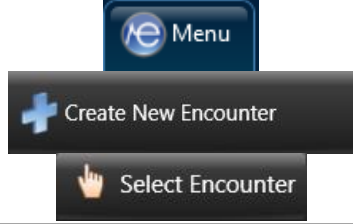



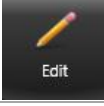


CMS states that conducting or reviewing a security risk analysis to meet the standards of Health Insurance Portability and Accountability Act of 1996 (HIPAA) Security Rule is included in the meaningful use requirements of the Medicare and Medicaid EHR Incentive Programs. Eligible professionals must conduct a security risk analysis in both Stage 1 and Stage 2 of meaningful use to ensure the privacy and security of their patients' protected health information.








Please review this [Security Risk Analysis Tipsheet](#) for more information.

Measure 10: Incorporate Clinical Lab Test Results

Threshold = 40%




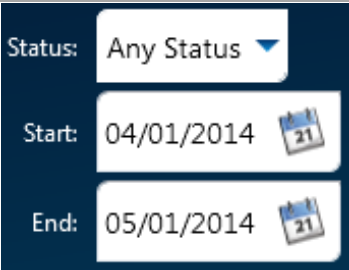

This objective must be completed for EVERY lab result entered in an encounter. There are two ways to incorporate lab test results; manually add in lab results or import lab results from the lab interface screen.


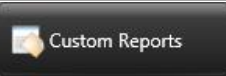
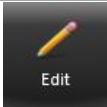

Method 1 - How to manually incorporate clinical lab results:	
Click the PATIENTS BUTTON.	
Enter the search criteria into the SEARCH BOX.	
Single click the patient within the patient list and click the SELECT BUTTON.	
If a lab has already been ordered, from the SUMMARY SCREEN, locate the LABS header. Select an ordered lab that results needs to be added into, then skip to "Enter the lab..."*	
If a lab has not been ordered, create a new or open an existing encounter.	
Click the LABS BUTTON.	
Select the lab test from the LAB TEST LIST.	
Click the NEXT BUTTON.	
Single click the lab from the lab order list and click the EDIT BUTTON.	
Select the ORDER DOCTOR and the TECHNICIAN from the appropriate drop down menus.	
*Enter the lab values located under ORDERED TESTS of the lab order edit screen and enter in the appropriate values.	
Click the SAVE BUTTON to save the values that have been added.	

Method 2 - How to import clinical lab results from a lab interface:	
Click the LABS BUTTON.	
Select the appropriate provider in the PROVIDER DROP DOWN.	Provider: <input type="text" value=""/> 
Select a lab by clicking the SEARCH BUTTON inside the lab field.	2) Lab: <input type="text" value=""/> 
Select the appropriate encounter in the ENCOUNTER DROP DOWN or create a new encounter by clicking the ADD BUTTON.	3) Encounter: <input type="text" value=""/>  
To import individual lab results, click on the IMPORT BUTTON.	
To import all lab results, click on the IMPORT ALL BUTTON at the bottom of the screen.	

Measure 11: Generate Lists of Patient by Specific Conditions

This objective must be completed ONCE during the reporting period. There are two ways to complete this measure; running a CDS report or a custom report.

Method 1 - How to run a CDS report:	
Click the REPORTS BUTTON.	
Click the CDS ALERTS BUTTON.	
Click the SEARCH BUTTON.	
Select a CDS rule.	
Enter an appropriate STATUS, START, and END Date.	
Click the PRINT BUTTON.	


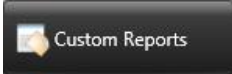


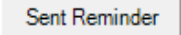
Method 2 - How to run a custom report:	
Click the REPORTS BUTTON.	
Click the CUSTOM REPORTS BUTTON.	
Select a Report and click the EDIT BUTTON.	
Click the PRINT BUTTON.	

If a report is not available to choose from, please call Genius Solutions for assistance in creating a report.

Measure 12: Send Reminders to Patients for Preventative/Follow-Up Care

Threshold = 20%

This objective must be completed ONCE during the reporting period. It's best to complete this right before the reporting period ends. The reminder report should already have been created during the practice's training period.

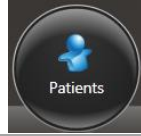

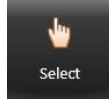
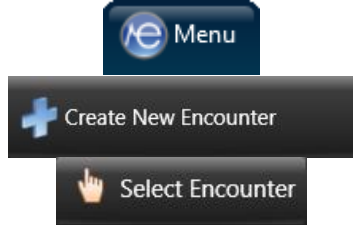




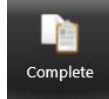
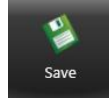
How to send a reminder:	
Click the REPORTS BUTTON.	
Click the CUSTOM REPORTS BUTTON.	
Select a Report and click the EDIT BUTTON.	
Click the PRINT BUTTON.	
Click the SENT REMINDER BUTTON in the upper right hand corner.	

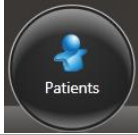

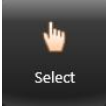
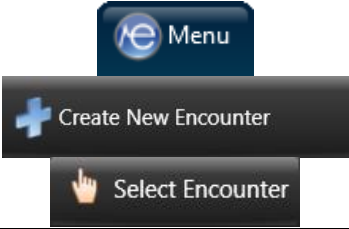


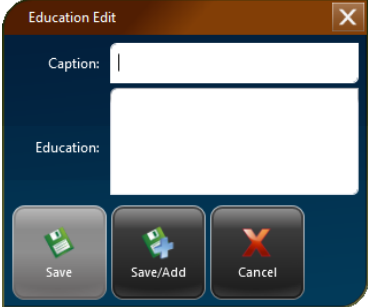

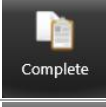
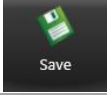
If there is not a report available, please call Genius Solutions for assistance in creating a report.


Measure 13: Identify and Provide Patient-Specific Education Resources

Threshold = 10%

There are three ways to provide educational information; generating a document for the patient, indicating that verbal education was provided by the physician to the patient, or clicking the MedlinePlus icon.

Method 1 - How to generate a document for "patient-specific educational resources":	
Click the PATIENTS BUTTON.	
Enter the search criteria into the SEARCH BOX.	
Single click the patient within the patient list and click the SELECT BUTTON.	
Create a new or open an existing encounter.	
Click the EDUCATION BUTTON.	
Select the appropriate educational resources from the EDUCATION LIST.	
Click the NEXT BUTTON.	
Click the OPEN FILE BUTTON to open the attached document.	
Click the COMPLETE BUTTON to indicate the educational resource has been provided to the patient.	
Click the SAVE BUTTON.	



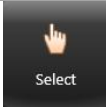
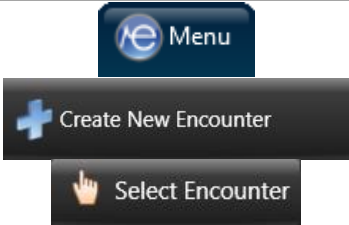




Method 2 - How to provide verbal communication for “patient-specific educational resources”:	
Click the PATIENTS BUTTON.	
Enter the search criteria into the SEARCH BOX.	
Single click the patient within the patient list and click the SELECT BUTTON.	
Create a new or open an existing encounter.	
Click the EDUCATION BUTTON.	
Click the ADD FREE TEXT EDUCATION BUTTON.	
Enter title and education information that has been verbalized by the physician and click the SAVE/ADD BUTTON to attach the data.	
Click the NEXT BUTTON once education material has been added.	
Click the COMPLETE BUTTON to indicate the educational resource has been provided to the patient.	
Click the SAVE BUTTON.	

MedlinePlus icons are located in the Condition Tracking and Medication modules. By clicking on the MedlinePlus icon , the system will open up an internet browser with information regarding the diagnosis or the medication.

Measure 14: Perform Medical Reconciliation for Patient’s Received from Another Setting of Care

Threshold = 50%

This must be done for EVERY patient that is transferred into the office. There are two steps to this objective; indicate whether the patient is a transition into the office and filling out the Medication module.



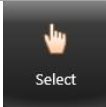
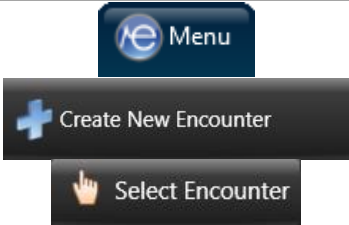




Step 1 – How to indicate the patient is transitioning in or out of the office:	
Click the PATIENTS BUTTON.	
Enter the search criteria into the SEARCH BOX.	
Single click the patient within the patient list and click the SELECT BUTTON.	
Create a new or open an existing encounter.	
If the ‘Current Encounter’ screen does not appear, click the CHANGE ENCOUNTER HEADER INFO BUTTON.	
Change the ‘TRANSITION’ drop down to the appropriate status.	
If the patient is to be transitioned to another setting of care, DO NOT click the TRANSITION OUT CHECKBOX.	
Click the SAVE BUTTON.	

For step 2, please refer to Measure 1: CPOE for Medication Orders on page 3.

Measure 15: Provide Summary of Care Record for Each Transition of Care or Referral

Threshold = 50%

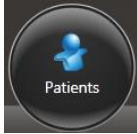

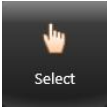
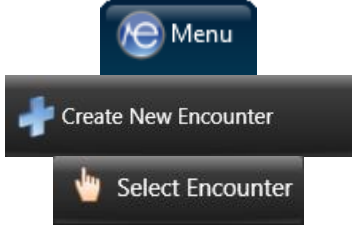






This must be done for EVERY patient that is transferred out of the office. There are two steps to this objective; indicate whether the patient is a transition out of the office and providing that patient with a summary of care record.

Step 1 – How to indicate the patient is transitioning out of the office:	
Click the PATIENTS BUTTON.	
Enter the search criteria into the SEARCH BOX.	
Single click the patient within the patient list and click the SELECT BUTTON.	
Create a new or open an existing encounter.	
If the 'Current Encounter' screen does not appear, click the CHANGE ENCOUNTER HEADER INFO BUTTON.	
Change the 'TRANSITION' drop down to the appropriate status.	
Click the TRANSITION OUT CHECKBOX.	
Click the SAVE BUTTON.	

For step 2, please refer to Measure 8: Provide Clinical Summaries for Patients for Each Office Visit on page 17.

Measure 16: Submit Electronic Data to Immunization Registries or Immunization Information Systems

ehrTHOMAS has the ability to export HL7 files for immunizations in the state of Michigan and Florida. If your practice performs any immunizations the set-up to send electronic data is already completed. There are two ways to send electronic data to immunization registries; by each individual vaccination **OR** by batch.

Method 1 - How to send HL7 files by vaccination:	
Click the PATIENTS BUTTON	
Enter the search criteria into the SEARCH BOX.	
Single click the patient within the patient list and click the SELECT BUTTON.	
Create a new or open an existing encounter.	
Click on the IMMUNIZATION BUTTON.	
Click on a Performed vaccination under the Vaccination Received on the left side of the screen.	
Click on CREATE HL7 BUTTON.	
Method 2 - How to send HL7 files by batch:	
Click the REPORTS BUTTON.	
Click the IMMUNIZATION BUTTON.	
Enter in the appropriate fields to find HL7 files to export.	
Click the EXPORT BUTON.	

Measure 17: Use Secure Electronic Messaging to Communicate with Patients on Relevant Health Information

Threshold = 5%

This must be done by EVERY UNIQUE PATIENT with an encounter. To fulfill this measure the patient must log into their HealthVault account and send a message to the provider's direct address.




A provider direct messaging address is generated by Genius Solutions. Please verify that a direct message address has been set up for the provider by clicking on the Code Files button and selecting Providers. Select the provider and look at the "Direct Address" field. If the Direct Address field is blank, contact Genius Solutions to acquire an address.

The best practice for the office is to have the office staff guide each patient through the setup of his/her HealthVault and Direct Message account during the patient's visit. Please review the ehrTHOMAS Microsoft HealthVault Practice Guide and the ehrTHOMAS Microsoft HealthVault Patient Guide for more information.

Menu Measures

Submit Electronic Syndromic Surveillance Data to Public Health Agencies

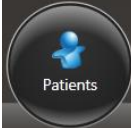









ehrTHOMAS has the ability to export HL7 files for Syndromic Surveillance.

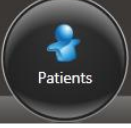

How to create HL7:	
Click the REPORTS BUTTON.	 A circular button with a white document icon and the word "Reports" below it.
Click the SYNDROMIC SURVEILLANCE BUTTON.	 A rectangular button with a yellow exclamation mark icon and the text "Syndromic Surveillance" to its right.
Enter in the appropriate fields to find HL7 files to export.	
Click the EXPORT BUTON.	 A rectangular button with a blue folder icon and the word "Export" to its right.

Record Electronic Notes in Patient Records

Threshold = 30%

This must be done for EVERY UNIQUE PATIENT with at least one encounter. The provider must sign a note within ehrTHOMAS.

How to sign a note:	
Click the PATIENTS BUTTON.	
Enter the search criteria into the SEARCH BOX.	
Single click the patient within the patient list and click the SELECT BUTTON.	
Create a new or open an existing encounter.	  
After completing the patient note, click the SIGN BUTTON.	
A new screen will appear. Ensure that the Signing Provider is correct and enter in the provider's pin number.	 
Click the OK BUTTON.	

How to search for text within a patient note:	
Click the PATIENTS BUTTON.	
Enter the search criteria into the SEARCH BOX.	

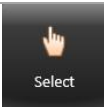
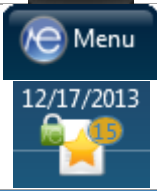







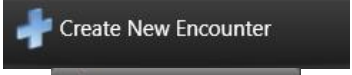



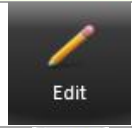

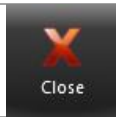

<p>Single click the patient within the patient list and click the SELECT BUTTON.</p>	
<p>Open a signed encounter from the timeline.</p>	
<p>Click on the Patient Note tab.</p>	
<p>Click on the SEARCH ICON located on the bottom left of the note window just above the timeline.</p>	
<p>Enter the search criteria into the SEARCH BOX. The search criteria will be highlighted on the patient note.</p>	

Image Results Accessible through CEHRT

Threshold = 10%







This must be done for all tests whose results is one or more images. This measure can be fulfilled two ways; manually attach image results to the diagnostic test or importing the image results from an interface.



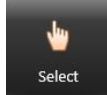

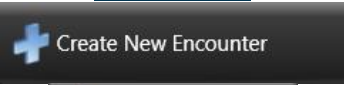


Method 1 – How to manually attach image results to a diagnostic test:	
Click the PATIENTS BUTTON.	
Enter the search criteria into the SEARCH BOX.	
Single click the patient within the patient list and click the SELECT BUTTON.	
Create a new or open an existing encounter.	  
Click the DIAGNOSTIC ORDERS BUTTON.	
Select a previously ordered test.	
	
Click the EDIT BUTTON.	
Click the ATTACHMENT BUTTON.	
Select the image results from the list OR Add a new attachment by clicking the ADD BUTTON.	
Click the CLOSE BUTTON.	
Image results are now attached. This can be verified by the checkmark next to the ATTACHMENT BUTTON.	

Record Patient Family Health History

Threshold = 20%

This must be completed for EVERY UNIQUE PATIENT with an encounter. This measurement can be fulfilled by adding family health history for one or more first-degree relatives. The office may have to enable this feature before it can be used in the program.

How to enable the Family Health History button:	
Click the CODE FILES.	
Click the SYSTEM SETTINGS BUTTON.	
Type in "family" in the search bar and verify that the correct setting (StructuredFamilyHistory) has been generated for you.	
StructuredFamilyHistory This setting will enable the structured family health history module Inactive 	
Click the drop down arrow next to Inactive and click ON under Global options.	
Click the SAVE BUTTON.	

How to record family health history:	
Click the PATIENTS BUTTON.	
Enter the search criteria into the SEARCH BOX.	
Single click the patient within the patient list and click the SELECT BUTTON.	
Create a new or open an existing encounter.	  
Click the FAMILY HEALTH HISTORY BUTTON.	

Select the appropriate relative on the left side.

✓ Patient THOMAS GENIUS

● Mother

● Father

+ Children

- No Children

+ Siblings

- No Siblings

Complete the information on the right side for one or more first-degree relatives. It is acceptable for the provider to record items within the patient’s family history as “unknown”.

Name: THOMAS GENIUS
DOB:

Living: Alive
Age: or Est Age:

Gender: Male
Ethnicity:

Smoking:
Language:

Height: Not Taken
Weight: Not Taken
BMI:

Race: American Indian or Alaska Native Asian Black or African American

Native Hawaiian Or Other Pacific Islander White Other Race Unknown

Declined To Answer

Conditions
+

No Notable Conditions

Click the REVIEW BUTTON.

✓ Review

Report Cancer Cases to a Public Health Central Cancer Registry and Report Specific Cases to a Specialized Registry

These measures are optional and not supported through ehrTHOMAS. To report data on these measures you must refer to a separate cancer registry. For more information please refer to http://www.cdc.gov/cancer/npcr/meaningful_use.htm