

The EMR Consulting Team offers a

"Meaningful Use Assessment"

to assist our customers in their plan to meet meaningful use criteria.

This assessment will help you to determine if you are "Ready to Report".

The assessment will provide the customer with an understanding of where they are today in relation to meaningful use and what additional steps need to be taken to fully meet the current criteria, for example:

- Enhance workflows to incorporate use of clinical decision support rules and eRx.
- Implement new applications, such as Patient Portal.
- Add new interoperability and interface functions, such as Health information exchange (HIE) and Continuity of Care Document (CCD).

Key deliverables/milestones include:

- Evaluation of the current state of the customer's EMR.
 implementation in relation to meaningful use.
- Delivery of a "scorecard" that the customer will use as a starting point for planning required changes and updates.
- Assistance in creation of an action plan that:
 - Allows the site to make full use of the EMR capabilities.
 - Ensures that providers have timely access to the quality & cost information they need to improve care.
 - Incorporates appropriate point-of-care data collection required to meet meaningful use criteria.
 - Leverages the full range of reporting options to collect and transmit data as needed.

Sample items from the "Scorecard", outlining where the practice is in relation to the meaningful use criteria. Items will have an "action plan" for

Criteria	Measure	Current state	Ready to Report?
CORE: Maintain active medication allergy list.	More than 80 percent of all unique patients seen by the EP have at least one entry (or an indication of "none" if the patient has no medication allergies) recorded as structured data.	90% of patients with Allergy information as structured data	
CORE: Record smoking status for patients 13 years old or older.	More than 50% percent of all unique patients 13 years old or older seen by the Eligible Provider.	Adults = 80% Adolescents = 10%	
MENU: Provide patients with timely electronic access to their health information (including lab results, problem list, medication lists, allergies) within 4 business days of the information being available to the EP.	At least 10 percent of all unique patients seen by the EP are provided timely electronic access to their health information.	Not currently implemented	

Examples:

Objectives and Measures for Meaningful Use with Centricity EMR



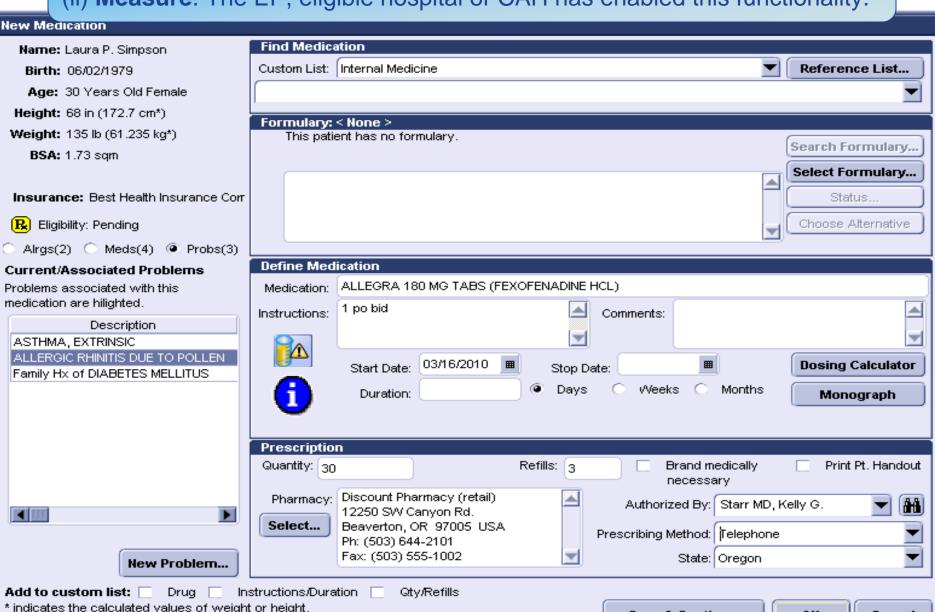
(1)(i) **Objective**. Use computerized provider order entry (CPOE). (ii) **Measure**. CPOE is used for more than 30 percent of all medication orders for unique patients with at least one medication in their medication list seen by the EP. New Mo Find Medication Name: Joe Gardner Custom List: Orthopedics Reference List... Birth: 07/01/1998 Age: 12 Years & 1 Month Old Male FLEXERIL 10 MG TABS 1 tablet by mouth at bedtime 30 x 1 \$1.69 Height: 56 in (142.2 cm*) Formulary: CHC Gold **Weight:** 88 lb (39.916 kg*) FLEXERIL 10 MG TABS is off formulary. Search Formulary... **BSA:** 1.25 sqm Cyclobenzaprine HCl 10 MG TABS is an atternative. Select Formulary... Insurance: Status... Choose Alternative Eligibility: Pending Alras(2) Meds(2) Probs(2) Define Medication Current/Associated Problems FLEXERIL 10 MG TABS (CYCLOBENZAPRINE HCL) Medication: Problems associated with this medication are highlighted. 1 tablet by mouth at bedtime Instructions: Comments: Description SINUSITIS-ACUTE ASTHMA 08/12/2010 **Dosing Calculator** Start Date: Stop Date: Weeks Months Duration: Monograph Prescription Quantity: 30 Refills: 1 Brand medically Print Pt. Handout tablet necessary TEST PHARMACY* (retail) Pharmacy: 80 Authorized By: Winston MD, Harry S ADDRESS LINE #1 Select... Addr Line #2 Prescribing Method: Electronic CITY, AL Ph: (223) 465-0987 State: Maryland New Problem... Note to Pharmacy: Add to custom list: [Drug Instructions/Duration Qty/Refills indicates the calculated values of weight or height.

Save & Continue

OK

(2)(i) **Objective**. Implement drug-drug, drug-allergy.

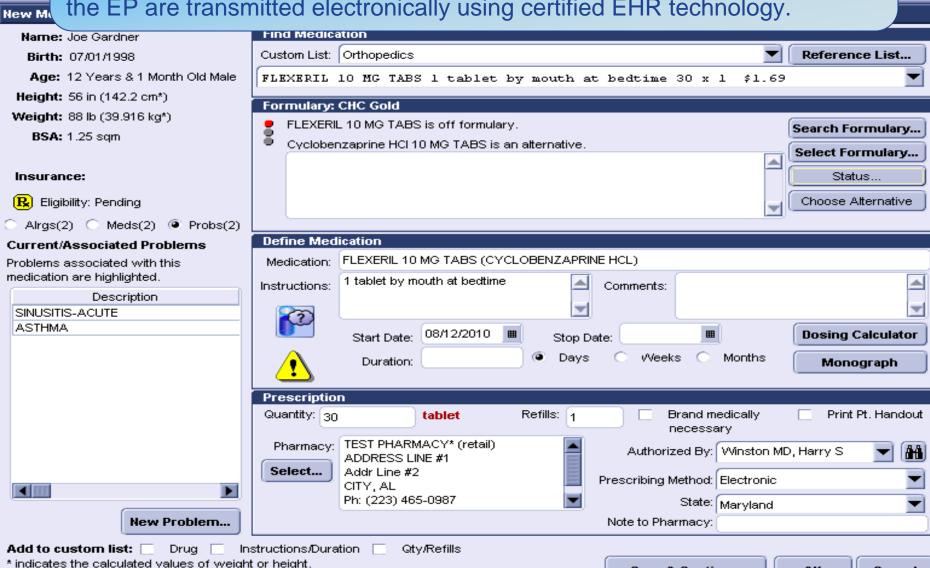
(ii) Measure. The EP, eligible hospital or CAH has enabled this functionality.



Save & Continue

OK.

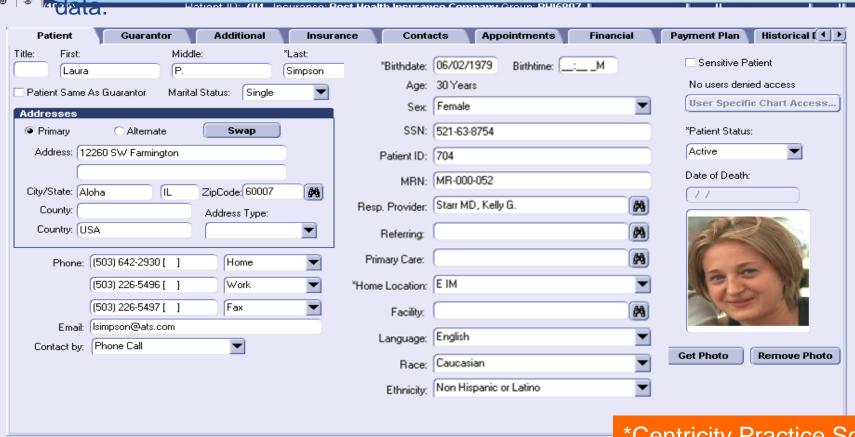
- (3)(i) **Objective**. Generate and transmit permissible prescriptions electronically (eRx).
- (ii) **Measure**. More than 40 percent of all permissible prescriptions written by the EP are transmitted electronically using certified EHR technology.



Save & Continue

OK

- (i) Objective. Record the following Demographics:
- (A) Preferred language. (B) Gender. (C) Race. (D) Ethnicity. (E) Date of birth.
- (ii) **Measure**. More than 50 percent of all unique patients seen by the EP or admitted to the eligible hospital or CAH have the demographics specified in paragraphs (c)(5)(i)(A) through (G) of this section recorded as structured



Get Driving Directions

Get Financial History

*Centricity Practice Solution features shown

Save & Exit

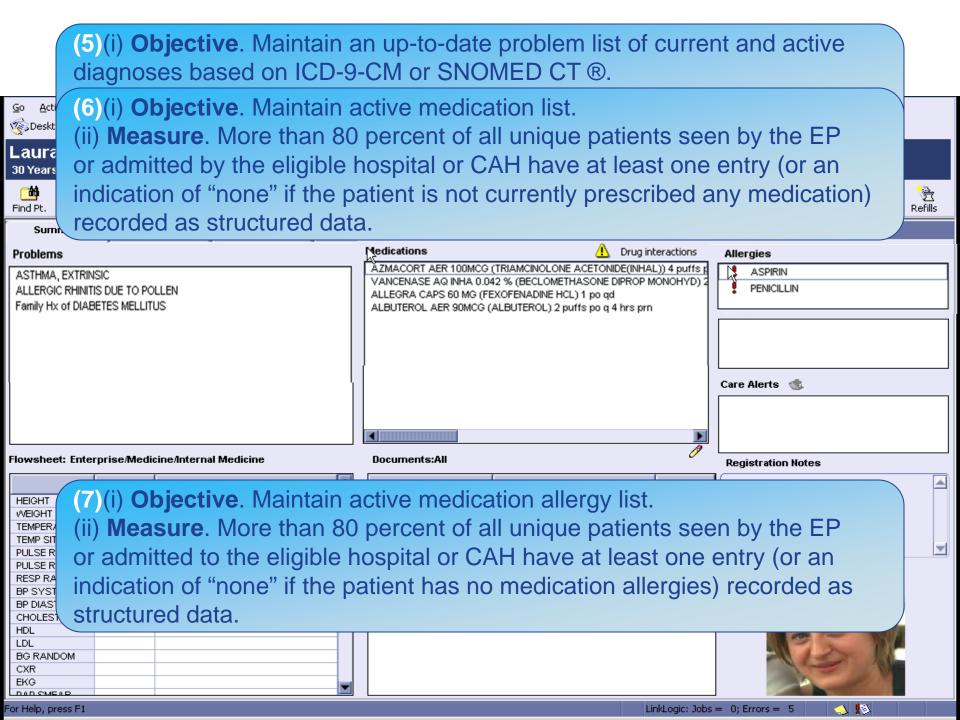
Send E-mail

Get Patient History

Quick Entry Mode (this session only)

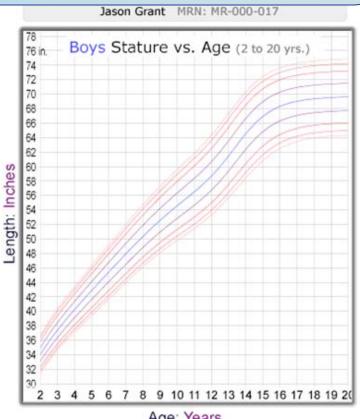
Get Financial Information

Main Health System



- (8)(i) **Objective.** (A) Record and chart changes in the following vital signs:
- (1) Height. (2) Weight. (3) Blood pressure.
- (B) Calculate and display the body mass index (BMI) for patients 2 years and older.
- (C) Plot and display growth charts for children 2 to 20 years including body mass index.
- (ii) **Measure**. More than 50 percent of all unique patients age 2 years or older seen by the EP or admitted to the eligible hospital, record Height, weight, and blood pressure as structured data

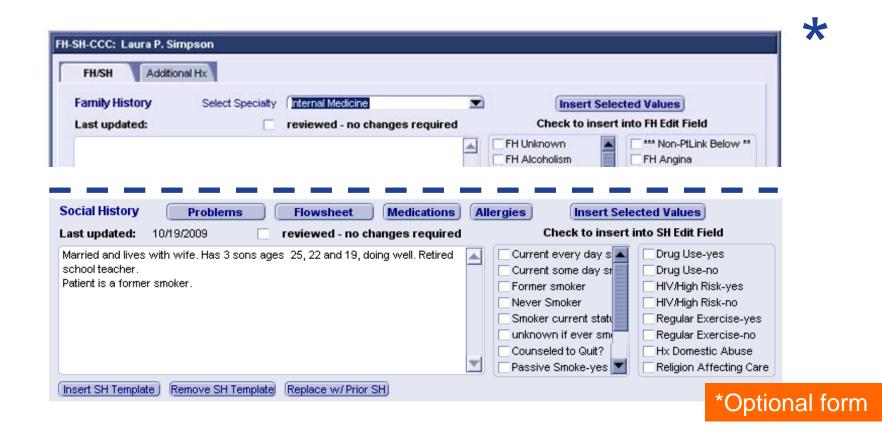




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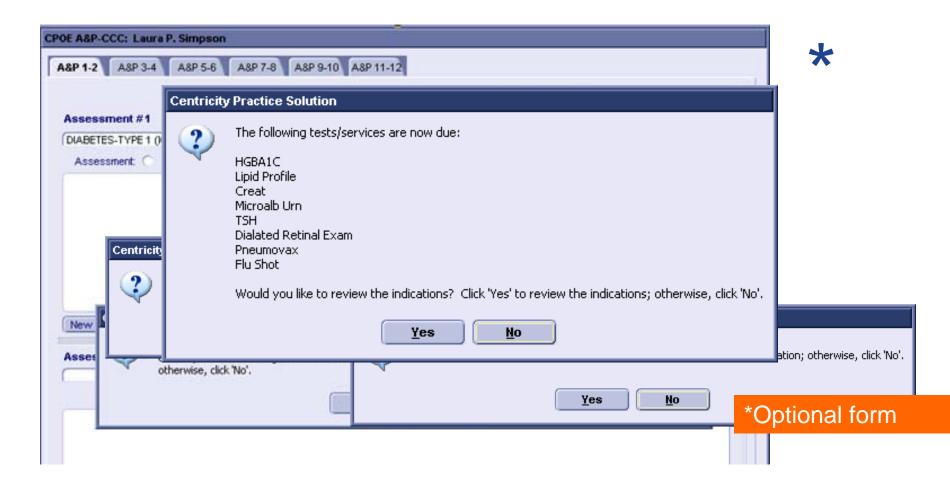
Age: Years

- (9)(i) **Objective**. Record smoking status for patients 13 years old or older.
- (ii) **Measure**. More than 50 percent of all unique patients 13 years old or older seen by the EP or admitted to the eligible hospital or CAH have "smoking status" recorded as structured data.



(10)(i) **Objective**. Implement One clinical decision support rules relevant to specialty or high clinical priority, including for diagnostic test ordering, along with the ability to track compliance with that rule.

(i) Measure. Implement one clinical decision support rule.



- (11)(i) **Objective**. Report ambulatory quality measures to CMS or, in the case of Medicaid EPs, the States.
- (ii) **Measure**. Successfully report to CMS (or, in the case of Medicaid EPs, the States) clinical quality measures in the form and manner specified by CMS.

Your Clinic Name Here 1111 First St., Suite 100, Anytown, USA 98765 Ph: (503) 555-5538

Fa: (555) 555-5555

Percentage of Encounters with Medical Reconcilliation

Encounters from 01-Jan-2010 to 31-Dec-2010

This report calculates the percentage of Encounters with Medicaiton Reconciliation for each provider.

Numerator

Encounters in the denominator where "Done" is entered in at least one of the following observations:

MEDS REVIEW compliance with medical treatment

-populated with 'Done' when 'Medication list reviewed during this update' is checked in Update

Meds

MEDS REVIEWD list of meds reviewed with patient

MEDRECON Medication Reconciliation

MEDLISTPRTD Joint Commission (JCAHO) medical reconciliation printed and given to patient

MEDSAFTEREC List of Medications after reconciliation REW MED NCHG Med list, reviewed no changes

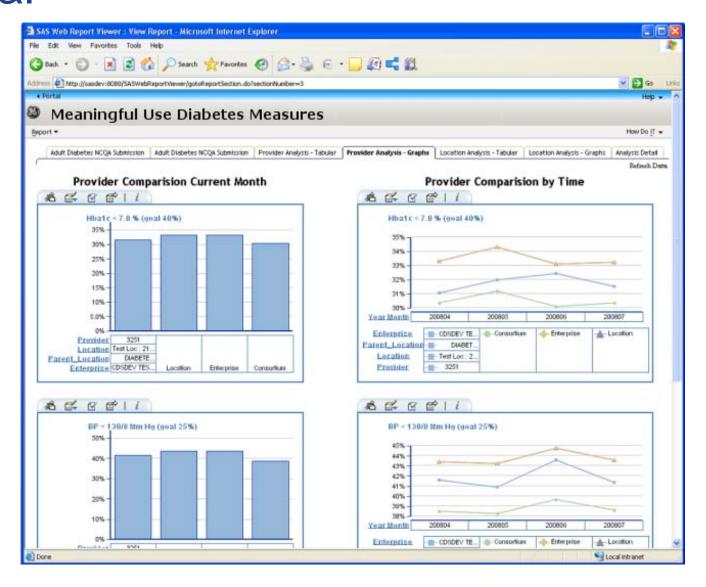
FALLMEDREV Falls risk assessment: medication review and modification

Denominator

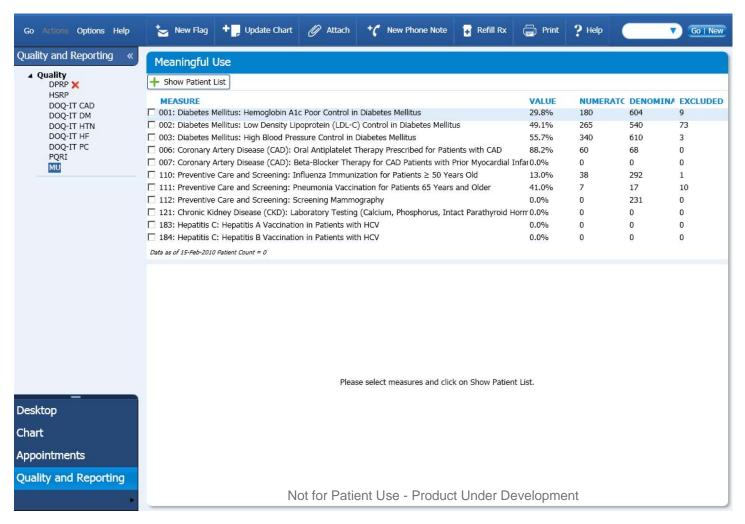
All encounters - Office Visit and Office Procedure documents - with clinical date between and

Harry Winston MD 1/28=4% Kelly Starr MD 0/3=0% Tess Highlander RN 0/1=0% Lynn Choong MD 0/1=0% Tristan Lee 1/50=2% Sam Mitchell MD 0/1=0% 0/9=0% Henry Topper Jerry Quinn MD 0/2=0%

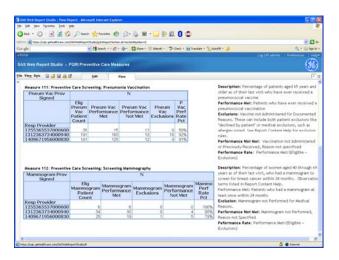
Meaningful Use Dashboard via MQIC Portal

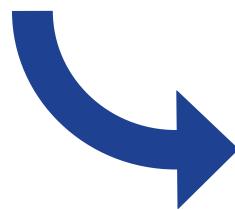


Quality Reporting Centricity Practice Solution 10



Data Submission





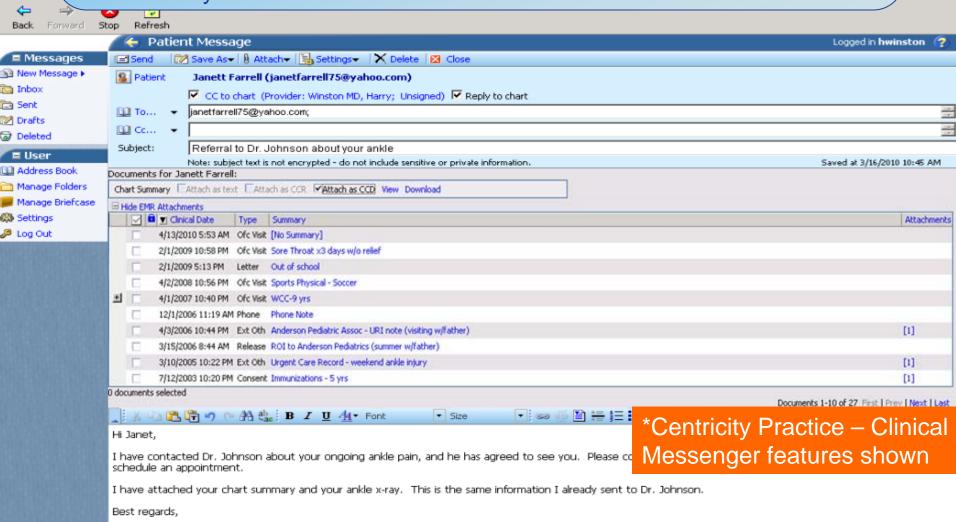
2012 via Automated PQRI Format XML

2011 via CMS Portal

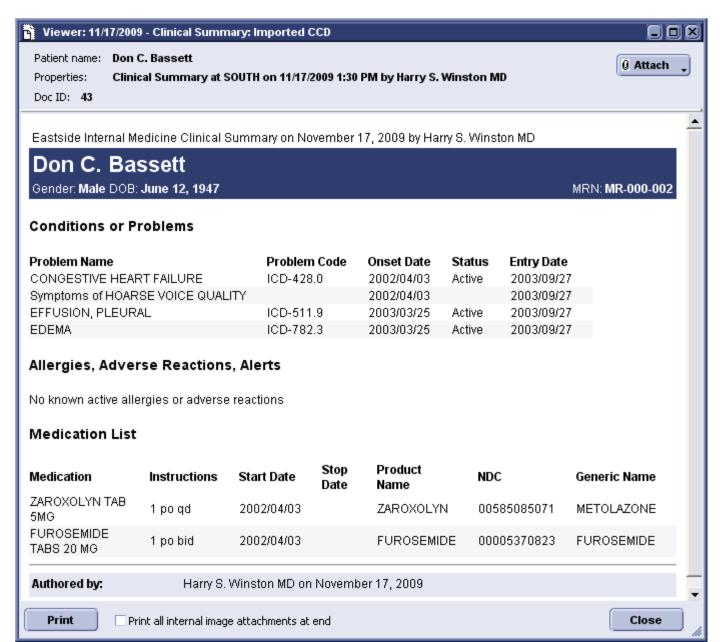


- (12)(i) **Objective**. Provide patients with an electronic copy of their health information (including diagnostic test results, problem list, medication lists, and allergies) upon request.
- (ii) **Measure**. More than 50 percent of all patients of the EP who request for an electronic copy of their health information are provided it within 3 business days.

Summar



Provide CCD via secure media



(13)(i) **Objective**. Provide clinical summaries to patients for each office visit. (ii) Measure. Clinical summaries provided to patients for at least 80 percent of all office visits.

Eastside Internal Medicine

120 NE Valley View Drive Gresham, OR 97030 503-665-1010 Fax: 503-665-1011

March 16, 2010 Page 1 Chart Summary

Don C. Bassett

Home: 503-629-5541 Work: 503-692-8955 Male DOB: 06/12/1947 80-TEST011 Ins: BHI (Futura) Grp: BHI8654

Patient Information

Name: Don C. Bassett Home Phone: 503-629-5541 Work Phone: 503-692-8955 Address: 12155 SW Broadway

Beaverton, OR 97005 USA

Patient ID: 80-TEST011 Fax: 503-692-8956 Birth Date: 06/12/1947 Status: Active Gender: Male Marital Status: Married Race: White Contact By: Home Phone Soc Sec No: 543-34-5621 Language: English Resp Prov: Kelly G. Starr MD MRN: MR-000-002

Referred by:

Emp. Status: Full-time Email: dbassett@aol.com Sens Chart: No Home LOC: Eastside Internal Medicine External ID: MR-000-002

Problems

CONGESTIVE HEART FAILURE (ICD-428.0) EFFUSION, PLEURAL (ICD-511.9) EDEMA (ICD-782.3) Sx of HOARSE VOICE QUALITY

Medications

ZAROXOLYN TAB 5MG (METOLAZONE) 1 po qd Last Refill: #90 x 1, 09/27/2003, Kelly G. Starr MD FUROSEMIDE TABS 20 MG (FUROSEMIDE) 1 pp bid Last Refill: #60 x 1, 09/27/2003, Kelly G. Starr MD

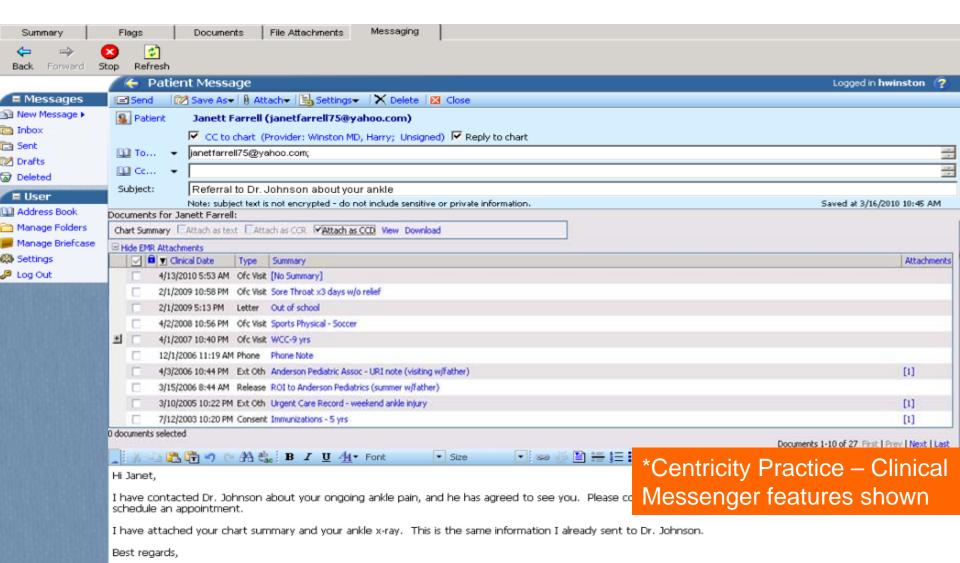
Directives

Allergies and Adverse Reactions (! = critical)

This patient has no known allergies or adverse reactions.



- (14)(i) **Objective**. Capability to exchange key clinical information among providers of care and patient authorized entities electronically.
- (ii) **Measure**. Perform at least one test of certified EHR technology's capacity to electronically exchange key clinical information.



- (15)(i) **Objective**. Protect electronic health information created or maintained by certified EHR technology through the implementation of appropriate technical capabilities.
- (ii) **Measure**. Conduct or review a security risk analysis in accordance with the requirements under 45 CFR 164.308(a)(1) and implement security updates as necessary.

Sec. 164.308 Administrative safequards.

- (a) A covered entity must, in accordance with Sec. 164.306:
- (1)(i) Standard: Security management process. Implement policies and procedures to prevent, detect, contain, and correct security violations.
 - (ii) Implementation specifications:
- (A) Risk analysis (Required). Conduct an accurate and thorough assessment of the potential risks and vulnerabilities to the confidentiality, integrity, and availability of electronic protected health information held by the covered entity.
- (B) Risk management (Required). Implement security measures sufficient to reduce risks and vulnerabilities to a reasonable and appropriate level to comply with Sec. 164.306(a).
- (C) Sanction policy (Required). Apply appropriate sanctions against workforce members who fail to comply with the security policies and procedures of the covered entity.
- (D) Information system activity review (Required). Implement procedures to regularly review records of information system activity, such as audit logs, access reports, and security incident tracking reports.

Examples:

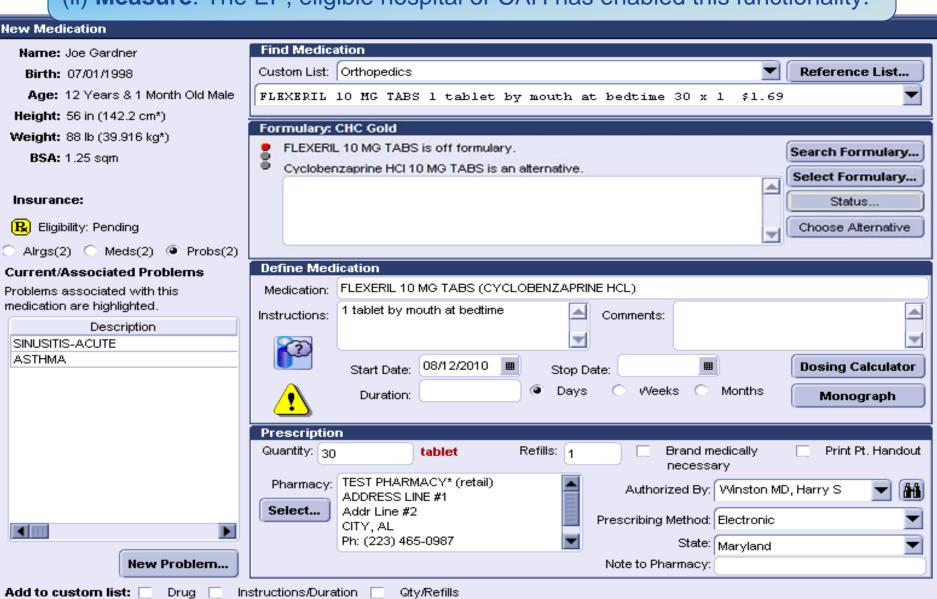
Objectives and Measures for Meaningful Use with Centricity EMR



(1)(i) Objective. Implement drug formulary checks.

indicates the calculated values of weight or height.

(ii) Measure. The EP, eligible hospital or CAH has enabled this functionality.



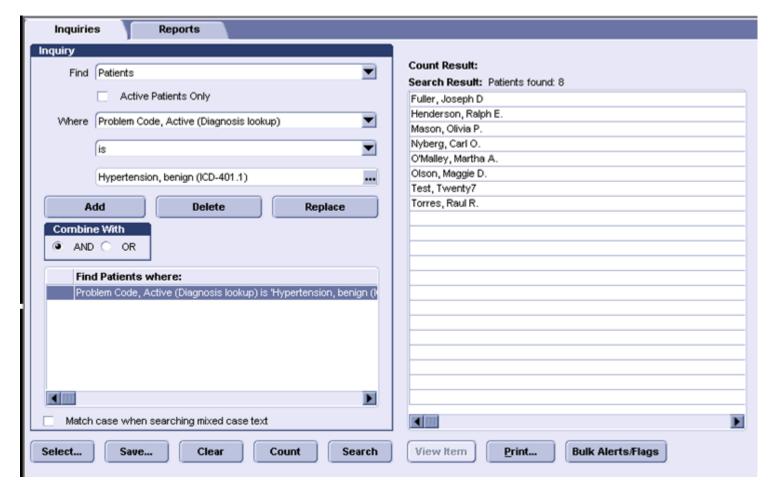
Save & Continue

OK

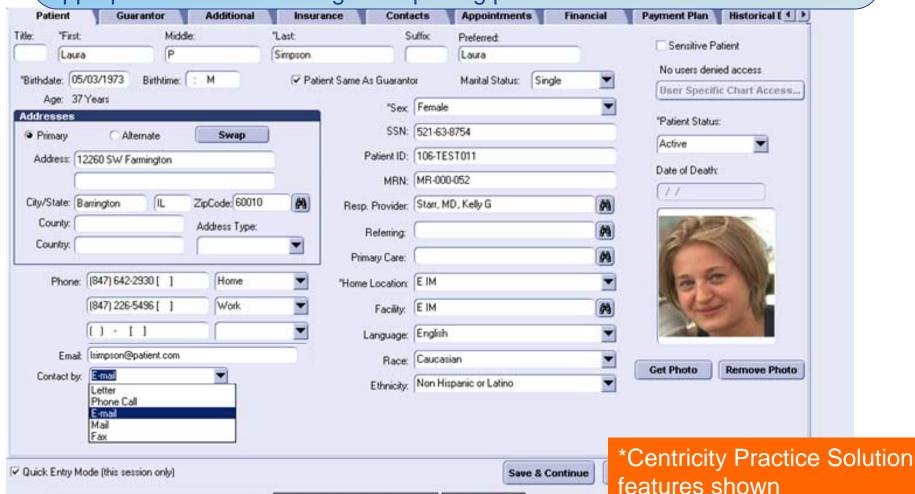
- (2)(i) **Objective**. Incorporate clinical lab-test results into EHR as structured data.
- (ii) **Measure**. At least 50 percent of all clinical lab tests results ordered by the EP or authorized provider of the hospital during the EHR reporting period whose results are either in a positive/negative or numerical format are incorporated in certified EHR technology as structured data.

View < Attached -	Metabolic Panel>	▼ AA Se
■ Days ≜	05/03/2005	
SODIUM	140	
POTASSIUM	4.2	
CHLORIDE	100	
CO2	29	
BUN	16	
BG RANDOM	112	
CREATININE	0.9	
SGOT (AST)	29	
SGPT (ALT)	36	
LDH, TOTAL	144	
BILI TOTAL	0.5	
ALK PHOS	90	
CALCIUM	9.1	
MAGNESIUM	2.0	
PO4		
CHOLESTEROL	146	
URIC ACID	4.5	

- (3)(i) **Objective**. Generate lists of patients by specific conditions to use for quality improvement, reduction of disparities, research and outreach.
- (ii) **Measure**. Generate at least one report listing patients of the EP, eligible hospital or CAH with a specific condition.



- (4)(i) **Objective**. Send reminders to patients per patient preference for preventive/follow-up care.
- (ii) **Measure**. Reminder sent to more than 20 percent of all unique patients 65 years of age and older or 5 years old or younger were sent an appropriate reminder during the reporting period.



Send E-mail

Get Patient History

Get Driving Directions

Get Financial History

EIM

Get Financial Information

Page 28 /20/2010

- (5)(i) **Objective**. Provide patients with timely electronic access to their health information (including diagnostic test results, problem list, medication lists, and allergies) within 4 business days of the information being available to the EP.
- (ii) **Measure**. More than 10 percent of all unique patients seen by the EP are provided timely electronic access to their health information subject to the EP's discretion to withhold certain information.
- East Side Medical Group

Primary

Consolidated Health Care

Internal Medicine Clinic Patient Services Update Chart | Resources | About Us | Contact Us Home **New Secure Messages** There are currently MyMedicalRecord no messages in your inbox. View My Inbox Janett S. Sarah Zoe Download My Continuity **Health Conditions** Personal Information of Care Record. Janett S. Farrell ANKLE SPRAIN More Information 2973 Town Center Way ...More Hillsboro, OR 97124 Home: 503-551-0592 Medications Work: 503-567-0909 TRIPHASIL TABS ...More IBUPROFEN TAB 800MG *Centricity Practice - Patient ...More Portal features shown Insurance

Allergies

AMOXICILLIN

- (6)(i) **Objective:** Use certified EHR technology to identify patient-specific education resources and provide those resources to the patient if appropriate
- (ii) **Measure:** More than 10% of all unique patients seen by the EP are provided patient-specific education resources

Chickenpox

Chickenpox is a common but serious infection caused by a virus. This infection can be spread very easily from person to person. It is most common in children (under 15 years old). If your child has not already had the chicken pox, they can get a chicken pox shot after 12 months of age. Children less than 13 years old need one dose of the vaccine while teenagers and adults need two doses given 4 to 6 weeks apart.

HOME CARE

Children with chickenpox may have these problems:

- Fever.
- An itchy red rash that starts on the front or back of the body. It can start out looking like bug bites. This rash then spreads all over the body. It usually starts as red bumps and then changes to a red fluid filled blister. These blisters dry up and form scabs.
- The child may feel sick to their stomach and be throwing up.
- The child may have stomach pain or not be hungry.
- Do not let your children be around others who may have chickenpox. Children with chickenpox will be sick for about 7 to 10 days.
- Do not send your child to school or daycare until all of the sores have dried or crusted.

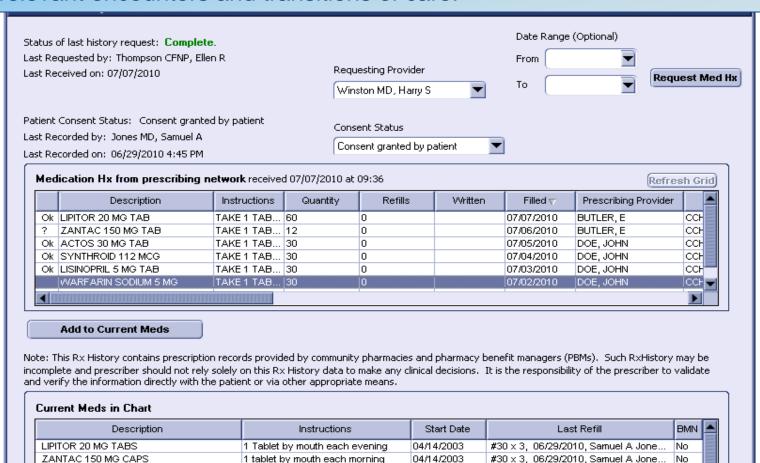
What to do for chickenpox:

Take the child's temperature at least every four hours in the way your doctor has told you.



New .rtf handouts

- (7)(i) **Objective**. Perform medication reconciliation at relevant encounters and each transition of care.
- (ii) **Measure**. Perform medication reconciliation for more than 50 percent of relevant encounters and transitions of care.



04/14/2003

04/14/2003

04/12/2010

07/09/2010

#30 x 3, 06/29/2010, Samuel A Jone ...

#30 x 3, 06/29/2010, Samuel A Jone ...

#30 x 2, 07/02/2010, Internist E. Butle... No

#30 x 3, 07/09/2010, Internist E. Butle... No

1 tablet by mouth daily

1 tablet by mouth daily

1 each day

1 tablet by mouth on an empty sto...

1 capsule by mouth two times a day 04/14/2003

ACTOS 30 MG TABS

LISINOPRIL 5 MG TABS

PLAVIX 75 MG TABS

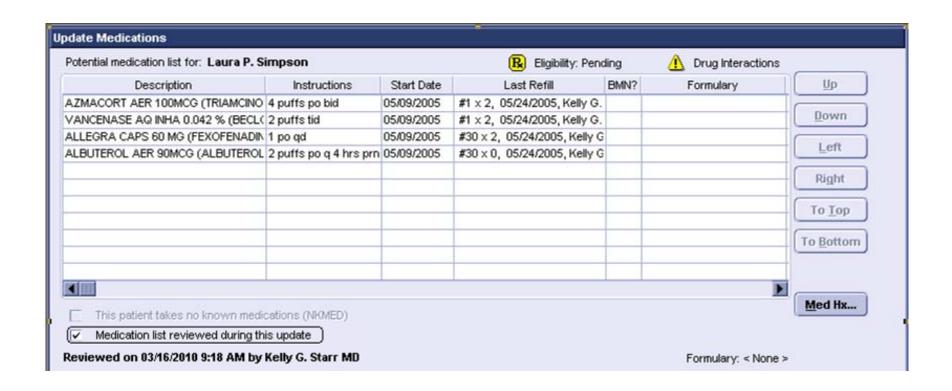
SYNTHROID 112 MCG TABS

GLUCOSAMINE-CHONDROITIN 500-400 M...

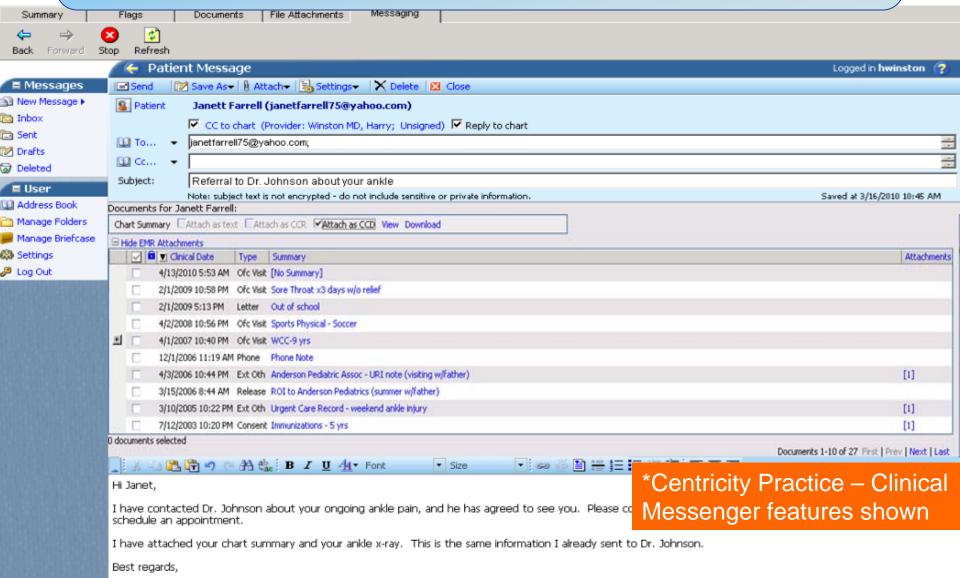
Page 31 9/20/2010

Close

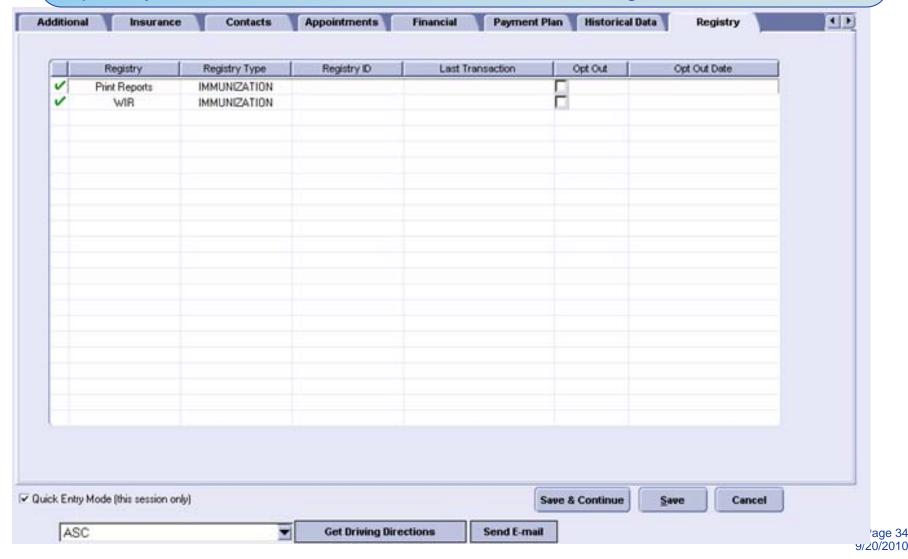
Medication Reconciliation Option



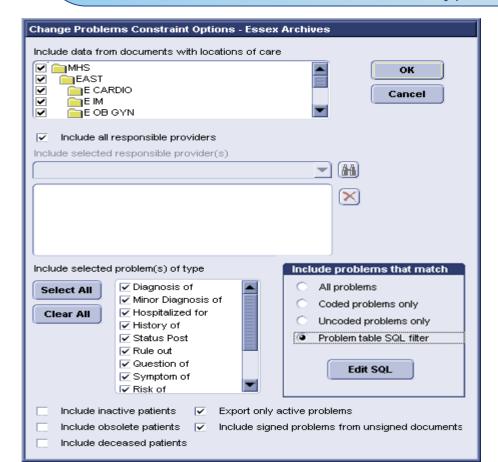
- (8)(i) **Objective**. Provide summary care record for each transition of care and referral.
- (ii) **Measure**. Provide summary of care record for more than 50 percent of transitions of care and referrals.

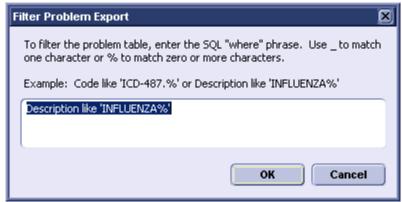


- (9)(i) **Objective**: Capability to submit electronic data to immunization registries and actual submission where required and accepted.
- (ii) **Measure**: Performed at least one test of certified EHR technology's capability to submit electronic data to immunization registries.

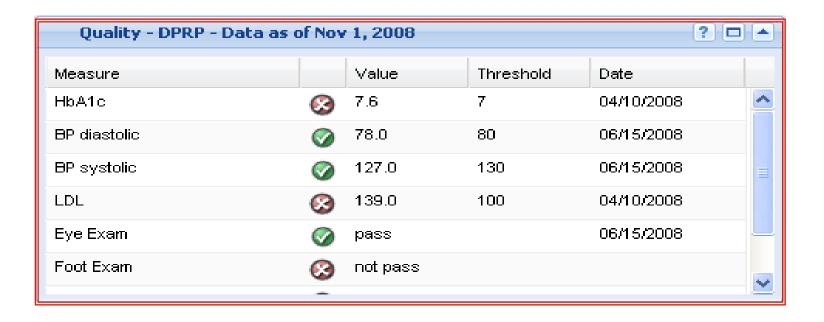


- (10)(i) **Objective**. Capability to provide electronic syndromic surveillance data to public health agencies and actual transmission according to applicable law and practice.
- (ii) **Measure**. Performed at least one test of certified EHR technology's capacity to provide electronic syndromic surveillance data to public health agencies (unless none of the public health agencies to which the EP, eligible hospital or CAH submits such information have the capacity to receive the information electronically).





Sample of enhanced reporting capabilities that will be available to providers at the point of care.



The following outlines the phases and milestones for full customer engagement with all services teams for a "Meaningful Use Implementation".

GROWTH

GO-LIVE

INITIATE

EXECUTE

PLAN

PREPARE

DESIGN

INITIATE

- Determine / confirm overall goals for the project.
- Outline a phased approach for integrating new data collection as part of EMR documentation
- Ensure physician involvement.
- Evaluate current state of clinical data collection and quality reporting.
- Deliver and review "Meaningful Use Scorecard" and create action plan.

PLAN

- Plan for a phased approach.
 - Stage 1: 2011 2012
 - Criteria for Stages 2 & 3 will be further refined by 2013.
- Start early to achieve maximum clinical and financial benefits.
- Leverage existing systems, workflows and reports.

DESIGN

- Determine new hardware required.
- Design integration implementations and create test plans.
- Determine adjustments required in EMR setup.
- Build and/or edit content to capture additional data as needed.
- Document new workflows as needed.

PREPARE

- Install new hardware as needed.
- Upgrade to latest version of EMR as needed.
- Install / test third-party applications, such as patient portal, as needed.
- Install and test new interpretability functions, such as HIE and CCD, as needed.
- Finalize and test new content.
- Prepare Super Users for new features and functionality

EXECUTE

- Ensure that current workflows are being followed and that current forms are completed appropriately.
- Confirm Go Live Readiness on all new features and applications for phase one.
- Train staff on new or updated workflows and new functionality.

GO-LIVE

- Go Live with additional components or applications, such as eRX and patient portal, as needed.
- Go live with new interfaces and interoperability options, such as HIE or CCD, as needed.
- End users Go-live with enhanced workflows and reporting.
- Create schedule for regular monitoring.

GROWTH

- Perform regular monitoring of meaningful use criteria.
- Review Stage 2 and 3 criteria as they are refined and published.
- Continue to incorporate advanced clinical processes as needed to improve patient care outcomes through 2015.

GROWTH

Meaningful Use Implementation

GO-LIVE

INITIATE

EXECUTE

PLAN

PREPARE

DESIGN

Thank you!

