

Demonstrate Meaningful Use of Electronic Health Record (EHR) Technology with

DynaMed[™]
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&



**PATIENT EDUCATION
REFERENCE CENTER**[™]
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What is Meaningful Use?

As a part of the provisions of The American Recovery and Reinvestment Act of 2009 (ARRA), the federal government has allocated funds to encourage increased usage of EHR technology by hospitals and clinicians. This provision, or the HITECH Act, will provide incentive payments administered by the Centers for Medicare and Medicaid (CMS) to eligible professionals (EPs), eligible hospitals and critical access hospitals (CAHs) that adopt and successfully implement “meaningful use” of certified EHR systems.

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Between now and the year 2015, hospitals and eligible providers participating in Medicare and Medicaid will need to meet HITECH EHR requirements in order to receive bonus payments and avoid penalties. **As currently written, beginning in 2015, eligible professionals and hospitals failing to meaningfully use certified EHRs will receive reduced Medicare payments.¹**

STAGE 1

CMS has outlined three stages of Meaningful Use, however, only Stage One is currently defined. The criteria for Stage One Meaningful Use are based on a series of “core” objectives that must be met, and a set of 10 “menu” objectives of which hospitals and eligible providers must meet any five.

Meaningful Use Objectives



Supported by DynaMed



Supported by PERC

Core Set Objectives:

- ❖ Use Computerized Physician Order Entry (CPOE)
- ❖ Implement drug-drug and drug-allergy interaction checks
- ❖ Generate and transmit permissible prescriptions electronically (eRx) [EP only]
- ❖ Record demographics
- ❖ Maintain an up-to-date problem list
- ❖ Maintain active medication list
- ❖ Maintain active medication allergy list
- ❖ Record and chart changes in vital signs
- ❖ Record smoking status for patients 13 years old or older
- ❖ Implement one clinical decision support rule
- ❖ Report clinical quality measures to CMS or the States
- ❖ Provide patients with an electronic copy of their health information (including diagnostic test results, problem list, medication lists, medication allergies), upon request
- ❖ Provide patients with an electronic copy of their discharge instructions at time of discharge, upon request [Eligible Hospital/CAH only]
- ❖ Provide clinical summaries for patients for each office visit [EP only]
- ❖ Electronically exchange key clinical information with other providers and patient-authorized entities
- ❖ Protect electronic health information created or maintained by certified EHR technology

Menu Set Objectives:

- ❖ Implement drug-formulary checks
- ❖ Record advance directives for patients 65 years old or older [Eligible Hospital/CAH only]
- ❖ Incorporate clinical lab-test results into certified EHR technology as structured data
- ❖ Generate lists of patients by specific conditions to use for quality improvement, reduction of disparities, research or outreach
- ❖ Send reminders to patients per patient preference for preventive/follow-up care [EP only]
- ❖ Provide patients with timely electronic access to their health information (including lab results, problem list, medication lists, medication allergies) within four business days of the information being available to the EP [EP only]
- ❖ Use certified EHR technology to identify patient-specific education resources and provide those resources to the patient if appropriate
- ❖ Perform medication reconciliation at relevant encounters and each transition of care
- ❖ Provide summary care record for each transition of care and referral
- ❖ Capability to submit electronic data to immunization registries or Immunization Information Systems
- ❖ Capability to submit electronic data on reportable lab results [Eligible Hospital/CAH only]
- ❖ Capability to submit electronic syndromic surveillance data

To view the full list of Stage One core & menu objectives, visit <http://edocket.access.gpo.gov/2010/pdf/2010-17207.pdf>

¹ Federal Register, Vol. 75, No. 144, July 28, 2010



Meet Meaningful Use Objectives with *DynaMed*™ and *Patient Education Reference Center*™

According to the Department of Health and Human Services, Meaningful Use represents technology that is *patient-centered, evidence-based and prevention-oriented*. The goal of EHR adoption is to improve quality of care, patient safety and system-wide efficiency.

Resources such as *DynaMed*™ and *Patient Education Reference Center*™ (PERC) can be integrated into the EHR, providing premium options for hospitals and health care providers looking to incorporate evidence-based medical information and patient education resources into EHR systems in compliance with Meaningful Use objectives.

DynaMed for Clinical Decision Support



Evidence-based information is an important component of creating clinical decision support rules under Meaningful Use. Being able to access *DynaMed*'s evidence-based clinical information from within the EHR allows health care providers to make decisions based on the latest medical evidence, supporting a patient-centric approach to medicine and improving patient care.

In addressing the “one clinical decision support rule,” *DynaMed*:

- Features clinically organized summaries for more than 3,200 topics
- Provides daily updates offering current clinical information that represents the best available evidence to inform the decision process
- Is structured to support the notification elements (treatment overview, testing to consider, rule out, warnings for medications) that are most important in clinical practice
- Allows users to answer clinical questions or view the evidence supporting the decision-making
- Is an invaluable tool for answering clinical questions at the point-of-care

Spend More Time with Your Patients and Less Time Focusing on Compliance...



Patient Education Reference Center (PERC) Helps to Meet Two Objectives



Patient Discharge Instructions

PERC provides customizable discharge instructions to ensure that patients have all of the information they need to continue the care process at home.

- Content is evidence-based and updated regularly (as the evidence dictates)
- Allows clinicians to include special instructions and discharge information for patients according to their individual needs
- Allows clinicians to add relevant hospital/clinician contact information in case patients have further questions



Patient-Specific Education Resources

PERC features a comprehensive collection of over 12,000 current, evidence-based patient education handouts for clinicians to print and distribute right at the point-of-care.

- Handouts are easy to read, include illustrations, and are structured to enhance patient knowledge and understanding of material
- Content is available in Spanish, and select content is available in 15 additional languages
- Print handouts as needed, eliminating the need to store quantities of handouts that may quickly go out of date and never be used

What Will I Find in DynaMed?

- **Topic Summaries** — More than 3,200 clinically-organized evidence-based* topic summaries covering all aspects of care
- **Drug Information** — Comprehensive drug information from respected sources such as AHFS is integrated into DynaMed's evidence-based topic summaries
- **Detailed Reference Support** — More than 200,000 journal article references and Web links
- **ICD-9/ICD-10 Codes** — Includes relevant ICD-9 and ICD-10 codes for all applicable diseases and conditions
- **Continuing Medical Education (CME)** — Easy, cost-effective method for obtaining CME credits for point-of-care searching
- **Daily Updates** — Systematic surveillance of hundreds of medical journals and evidence-based sources provides the most up-to-date, accurate information
- **Unlimited Access** — All DynaMed subscriptions include unlimited access (on-site and remote) for all authorized users

- **Medical Calculators** — More than 500 unique medical reference calculators featuring a wide array of pertinent medical formulae, clinical criteria sets, and decision tree analysis tools
- **Patient Information** — Access relevant supplemental content to help educate patients about their conditions
- **EMR Integration** — Easy integration with all Electronic Health/Medical Records (EHR/EMR), decision support and patient record applications via the EBSCOhost Integration Toolkit (EIT)
- **Mobile Access** — DynaMed is available as a mobile-device application compatible with devices such as the iPhone, iPad, iPod Touch, Android Smartphone, Microsoft Mobile and Palm

* For a clinical reference resource to truly be called evidence-based, conclusions must be based on the best available evidence. Conclusions can be based on the best available evidence only if the evidence is consistently and systematically identified, evaluated and selected. The DynaMed editorial process applies a rigorous seven-step methodology to determine the best available evidence and to ensure the integrity of the conclusions.



PATIENT EDUCATION REFERENCE CENTER™

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What Will I Find in PERC?

- **Diseases & Conditions** — Individual handouts providing information on more than 4,000 common & chronic diseases and conditions
- **Procedures & Lab Tests** — More than 750 handouts covering a wide range of procedures and lab tests
- **Wellness & Prevention** — Information on more than 2,800 lifestyle and wellness topics (diet, exercise, etc.)
- **Drug Information** — Handouts covering over 1,500 unique drugs and searchable by more than 8,000 brand and generic names
- **Discharge Instructions** — Discharge and home care information for more than 1,000 related topics

Additional Features Provided by PERC:

- **Patient-Friendly Content** — All material is written at a 3rd-7th grade reading level
- **EMR Integration** — Easy, optional integration with any EMR system for direct access from patient records
- **Regular Updates** — All content is reviewed and updated on a regular basis through a rigorous systematic surveillance of available literature
- **Multilingual Content** — Handouts are available in both English and Spanish, with optional upgrades to provide information in up to 15 additional languages
- **Customized Printing** — Sophisticated printing feature allows clinicians to personalize handouts for individual patients

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