Diabetes Mellitus: Public Health Policy
October 9, 2012

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Program Director, Palmetto General Hospital
Fellow American College of Osteopathic Internists
Nova Southeastern University College of Osteopathic Medicine

United States of Diabetes

President Obama signs the Patient Protection and Affordable Care Act into law on March 22, 2010.

Obamacare - “I like it”
President Barack Obama, October 3, 2012 Presidential Debate

Landmark Supreme Court Decision
June 28, 2012
Americans who Understand the Affordable Care Act

Healthcare Expenditures 2.3 Times Higher if Diabetes is Present for a Patient

EHR & Diabetes

William H. Stewart, M.D.
U.S. Surgeon General 1965-1969
It is time for the U.S. "to close the book on infectious disease."

Office-Based Physicians Using Fully Functional EMR’s in 2009

April 2004
President Bush Gives 10 Year Proclamation of Electronic Medical Records

Economic Costs of Diabetes in the U.S. in 2007. American Diabetes Association

Source: National Ambulatory Medical Care Survey, National Center for Health Statistics, Centers for Disease Control and Prevention, released December 2009

Office-Based Physicians Using Fully Functional EMR’s in 2009

Everyone Else 94%
Fully Functional 6%

Healthcare Expenditures 2.3 Times Higher if Diabetes is Present for a Patient


H-2
American Recovery and Reinvestment Act of 2009

Hospital-based physicians who substantially furnish their services in a hospital setting are not eligible.

Physician Incentives for Meaningful EHR Use

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Health Professional Shortage Area Bonuses for Medicare Incentive Program

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Medicaid Incentive Payments

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“As implemented, EHRs were not associated with better quality ambulatory care.”

"By next year, the majority of care will be documented in EHRs, not paper...There's a massive river flowing of advances in health IT, and there's no going back."

Farzad Mostashari, M.D.

Duplicate Medication Orders in ICU Patients

<table>
<thead>
<tr>
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<tr>
<td>Duplicates</td>
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<td>8.1%</td>
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Potential for an Incorrect Medication Dosage to Be on a Prescription

Problem #5044

Versions Affected

All versions of NextGen® Ambulatory EHR

The Issue

NextGen Healthcare has identified an issue that may cause an incorrect dosage to be on a prescription for medications that have been selected from the Pharmacy “Alternate” list in the Medication window (see example below). This issue may occur on electronic and printed prescriptions and on printed and faxed prescriptions.

This issue may occur when:

- A user selects a medication in the Medication window.
- The search displays the medication results with different dosage options.
- Below the medication results, a list of “Alternative” medications with associated dosage options are available for the user to select.
- If the user selects a medication and associated dosage from the “Alternative” list, what the prescription is generated the dosage may not be correct.

Productivity Before and 40 Mos. After EMR (# of Patients/Day)
Abnormal Test Results Not Followed Up
when both the primary care practitioners and the ordering clinician are notified of an abnormal test result, follow-up is worse because of the lack of clarity of who is responsible for follow-up.

**Arch Intern Med. 2009;169(17):1578–1586.**

**Documented Errors with EHR**
- Wrong Patient
- User Fatigue
- Prescription Issues
- Auto-Stops
- Template

**EHR & Diabetes Quality Composite Quality**

**Affordable Care Act**

**Children’s Health Insurance Program (CHIP)**
- created in 1997
- insurance access to children who don’t qualify for Medicaid and whose families find available insurance unaffordable (matching funds to states through CMS)
- The Affordable Care Act extends CHIP to 2015

**Children’s Health Insurance Program (CHIP)**
Health Insurance Exchanges

- Creates a Competitive Environment
- U.S. Congress will be required to obtain their coverage through this marketplace in 2014

Primary Care Providers & Diabetes

30,000 Physician Shortage by 2015

NSU-COM/PGH IM Residency Career Goals

- Hospitalists: 80%
- Fellowships: 20%
ACA & Primary Care

- creates nurses and primary care physician scholarships & tax-exempt loan repayments to work in underserved areas
- increase reimbursements to providers who practice in rural communities

Medicaid will reimburse health care providers at a rate of no less than 100% of the Medicare rate.

Early Retirement (55-64 years-old)

Men

Women

Early Retirement

Affordable Care Act provides assistance to employer-based plans that will allow insurance companies to continue affordable coverage for Americans who retire early.

Young Adults
Under the new law, young adults are allowed to be covered by their parent’s plan until they turn 26.

Reduce Administrative Costs or Profits for Insurance Companies to 15-20%.

Accountable Care Organizations

Discrimination Against Pre-existing Conditions

1 in 6 Americans have multiple chronic conditions

The Affordable Care Act Eliminates Discrimination Against Patients with Pre-existing Conditions.
13.4% of Medicare Beneficiaries with Diabetes stopped Treatment when they hit the “Donut Hole”

Increase Access to Medicaid

Medicaid Access & Affordable Care Act

- Increase access up to 133% of poverty level
  - ($14,000 individual/$29,000 family)

Health Care Fraud & Diabetes
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