



# Measure Up Pressure Down®

American Medical Group Foundation

## November 2015 Campaign Updates



**AMGA**

American Medical Group Association®

# Campaign Updates

1. Q3 2015 Data Reporting Deadline
2. 2016 Campaign Activities
3. Diabetes: Together 2 Goal<sup>®</sup> Campaign
  - Overview
  - Enrollment Details
  - AMGA Members Enrolled to Date

Questions? Contact [mupdcampaign@amga.org](mailto:mupdcampaign@amga.org).



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# Q3 2015 Data Reporting

**DEADLINE: FRIDAY, DECEMBER 4, 2015**



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# 2016 Campaign Activities



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# 2016 Campaign Activities



- Data reporting
- Website & resource access
- National Day of Action  
(May 5, 2016)
- Best Practices  
Compendium
- Award recognition



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# AMGF's Second Chronic Care Challenge Campaign

# Together2Goal®

American Medical Group Foundation  
National Diabetes Campaign



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# CAMPAIGN GOAL

Improved care for 1 million  
people with type 2 diabetes





**GOAL:** Improve care for 1 million people with type 2 diabetes

## EMPOWER PATIENTS



Build an Accountable Diabetes Team



Integrate Emotional & Behavioral Support



Refer to Diabetes Self-Management Education & Support Programs

## IMPROVE CARE DELIVERY



Adopt Treatment Algorithm



Measure HbA<sub>1c</sub> Every 3-6 months



Assess & Address Risk of Cardiovascular Disease



Contact Patients Not at Goal & with Therapy Change within 30 Days



Conduct Practice-Based Screening

## LEVERAGE INFORMATION TECHNOLOGY



Embed Point-of-Care Tools



Use a Patient Registry



Publish Transparent Internal Reports



# DATA REPORTING TRACKS

	Basic	Core (Bundle)	Innovator*
HbA1C control < 8 percent	Optional	√	√
BP control < 140/90 mmHg		√	√
Lipid management		√ Statin prescribed	√ Statin adherence
Medical attention for nephropathy		√	√
Non-smoking status			Potential
Body mass index			Potential
Foot exam performed			Potential
Eye exam performed			Potential
Other (e.g., patient engagement, functional outcomes, quality of life, overuse measurement)			Potential

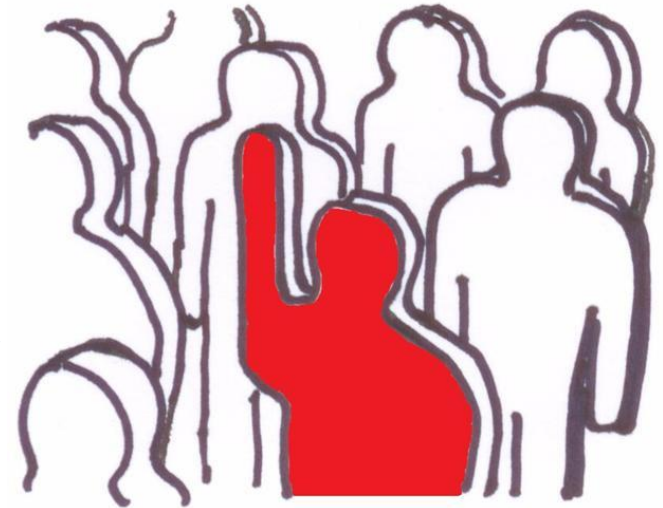
# ENROLL TODAY!

- **How to enroll?**

- Visit [www.together2goal.org](http://www.together2goal.org) and complete the online enrollment form

- **Questions?**

- Visit [www.together2goal.org](http://www.together2goal.org) to view our campaign brochure, planks, data reporting tracks & FAQs
- Email [together2goal@amga.org](mailto:together2goal@amga.org) to contact staff



# PARTICIPATING AMGA MEMBERS

AS OF NOVEMBER 18, 2015

- AHS Oklahoma Physician Group, LLC dba Utica Park Clinic
- Austin Diagnostic Clinic, P.A.
- Austin Regional Clinic, P.A.
- Baptist Medical Group
- Boice-Willis Clinic, P.A.
- Colorado Springs Health Partners, P.C.
- Community Physicians of Indiana
- Cornerstone Health Care, P.A.
- Esse Health
- Essentia Health - Central Region
- Essentia Health - East Region
- Essentia Health - West Region
- Essentia Health System
- Harbin Clinic, LLC
- Hattiesburg Clinic, P.A.
- Henry Ford Health System
- Henry Ford Medical Group
- Kelsey-Seybold Clinic
- Lexington Clinic, P.S.C.
- Mercy Clinic-East Communities
- Mount Kisco Medical Group
- Mountain View Medical Group, P.C.
- Olmsted Medical Center
- Premier Medical Associates, P.C.
- Prevea Health Services
- PriMed Physicians
- Quincy Medical Group
- Riverside Health System
- Riverside Medical Group
- Saint Francis Health System / Warren Clinic
- Scripps Clinic Medical Group
- Scripps Coastal Medical Group
- Southeastern Integrated Medical
- Springfield Clinic
- SSM Health (including Dean Health Plan)
- Summit Medical Group, P.A.
- Sutter Health
- SwedishAmerican Health System
- The Iowa Clinic, P.C.
- The Polyclinic
- Union Associated Physicians Clinic, LLC
- UnityPoint Clinic
- University of Utah Community Clinics
- USMD Health System
- Watson Clinic, LLP
- Weill Cornell Physician Organization
- Wellmont Medical Associates
- Western Montana Clinic
- WESTMED Medical Group, P.C.

# Today's Speaker

- John Kennedy, MD
- Endocrinology Department Director
- Geisinger Health Systems



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# Diabetes & Hypertension Geisinger System of Care

**AMGF Webinar**  
**November 19, 2015**

John W. Kennedy MD  
Endocrinology Department Director  
Geisinger Health System  
Danville, PA

# Geisinger's Core Value since 1915

## *Patient Care Delivery*

- Abigail Geisinger

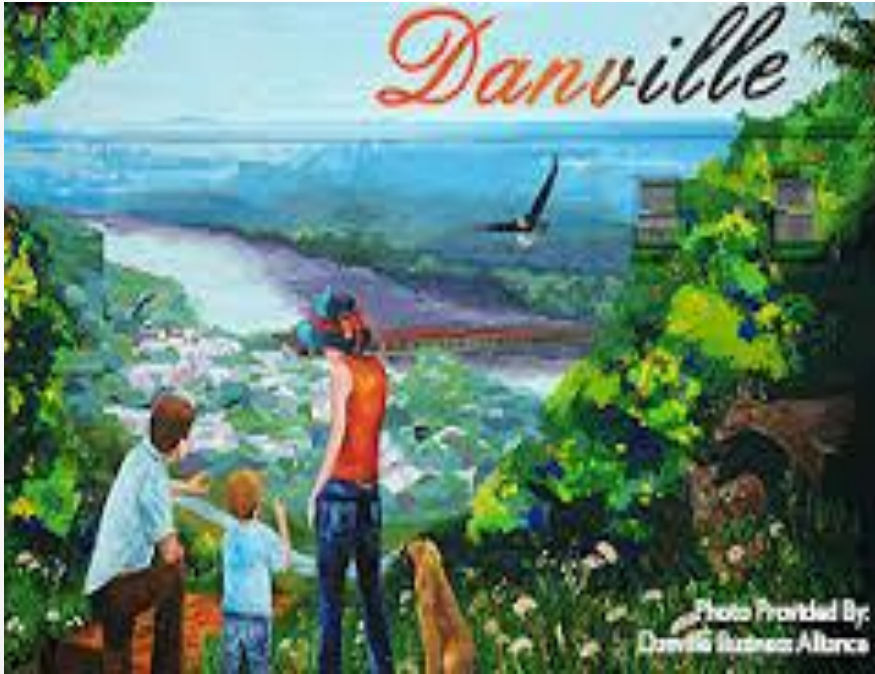


- "Make my **hospital** right; make it the best..."



# Geisinger Health System

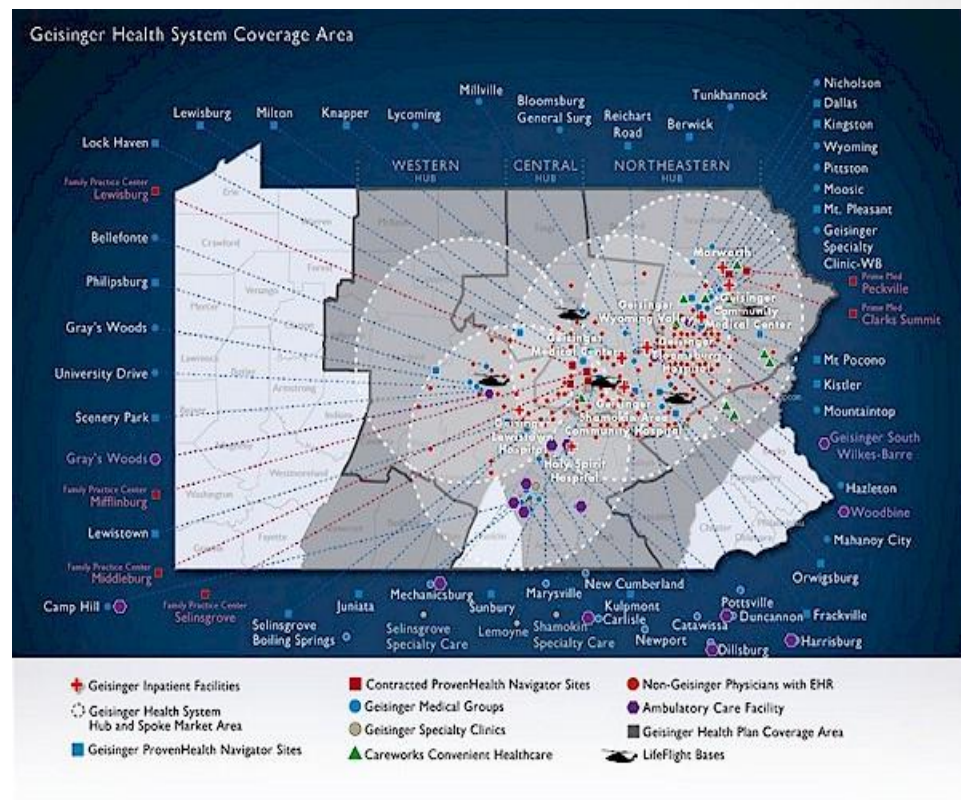
## Integrated Health Services



- Geisinger Multispecialty Group Practice
- Geisinger Hospitals
- Geisinger Health Insurance Plan

# Geisinger Health System

- Geisinger Health System is an integrated health services organization utilizing an electronic health record for inpatient and outpatient care
- As one of the nation's largest rural health services organizations, Geisinger serves more than 3 million residents throughout 48 counties in central, south-central and northeast Pennsylvania
- The physician-led system is comprised of approximately 23,500 employees, including a 1,200-member multi-specialty group practice, nine hospital campuses, two research centers and a 467,000-member health plan
- Estimated \$7.7 billion positive impact on the Pennsylvania economy



# Who, What, Where, When

## Geisinger Diabetes & HTN System of Care



# Diabetes Patient Inclusion

## Primary Care standards

- 18 years of age and older
- One or more of the completed office visits within the past year
- Patient has a diagnosis of Diabetes on their problem list.

### **OR**

- Patients with four or more complete office visits with Diabetes encounter diagnosis within the past two years, or one unresolved Diabetic entry on Problem List
  - (Primary Care Office Visits in Fam Prac, Peds, GIM, Endocrinology encounters only).

# Diabetes Patient Exclusion [ICD-9 Code]

## Primary Care Standards

- Deceased or Dismissed patients
- Nursing home active diagnosis on the problem list [E849.7]
- Palliative Care patients with active diagnosis on the problem list [V66.7 or V66.9]
- Symptomatic Care Patient diagnosis on problem list [V66.7]
- Do not Resuscitate patients with an active diagnosis on the problem list [V49.86]
- Patients residing outside PA or NJ
- Patients without a GHS Adult Primary Care Provider
- Resolved or deleted diabetes diagnosis from the problem list
- Patients with diabetes type 1 or type 2 Goal: symptoms mgmt
- Patients with health maintenance modifiers to permanently discontinue Diabetes Screens
- Test patients or Clinical Trial Patients

# Blood Pressure Technique Provider Training

- Sitting feet flat on floor, back supported
- Rest for 5 minutes, no caffeine or tobacco
- Correct cuff, correct position, bare skin
- Patient not talking or engaged in active listening....
- **CHAMPIONS**
  - Family Practice, General Internal Med
  - Endocrinology, Cardiology, Nephrology
  - Nursing



# Blood Pressure Measurements

## Blood Pressure at Goal

*(Based on Blood pressure Goal Diagnosis from Problem List)*

- Last documented blood pressure is at the goal based on the blood pressure goal diagnosis on the patient's problem list.
  - In absence of provider-defined goal, measure is for **<140/90**.
- Blood Pressure taken from any encounter within the patient's record, uses the most recent, documented blood pressure (exclusive of Emergency Room/ Urgent Care Visit)

# Play nicely in the Sandbox

Cartoon by Steve Berry

<https://www.ems1.com/ems-products/education/articles/532484-The-Sandbox-Parent-Child-Relationships-in-EMS/>

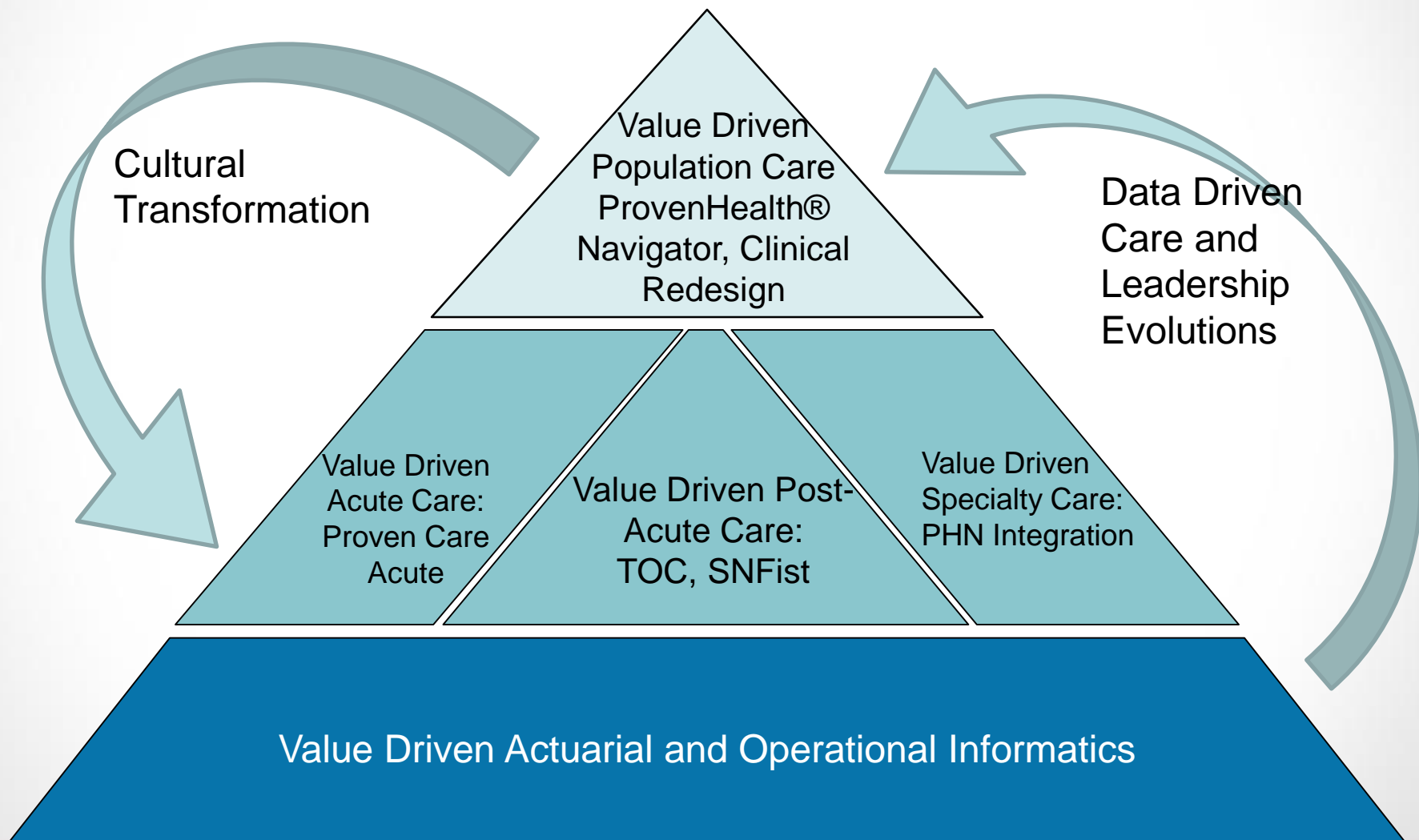




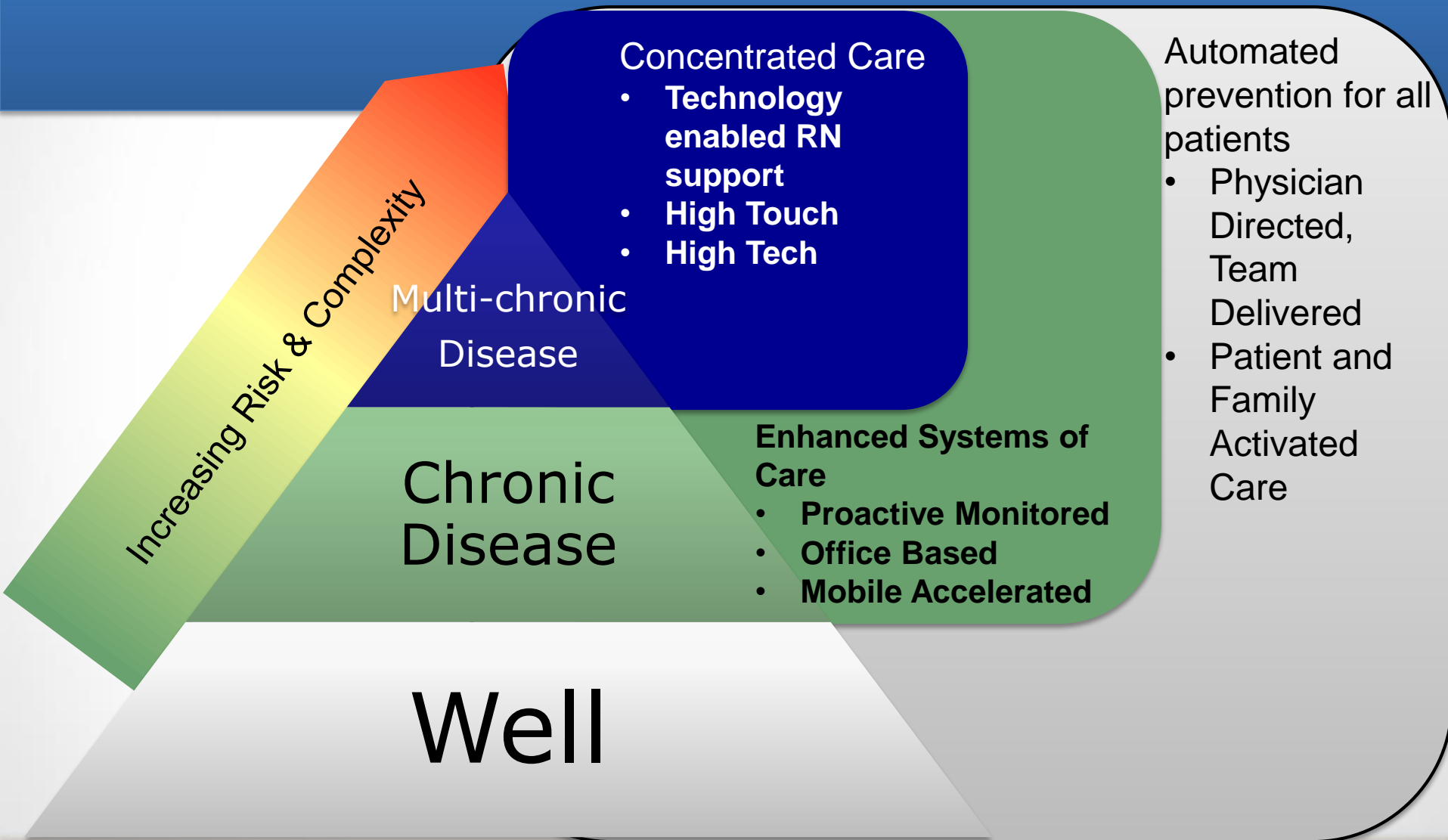
I argued that with the rapid advances being made by medical science it had become impossible for any one physician to master more than a relatively small segment of his art. Consequently a number of individuals had to share the responsibility once faced by the family doctor. Just as co-operative endeavor had become a requirement in arts and arms, business and science, finance and commerce, I reasoned that so had it become necessary in medicine, particularly in medicine practiced in a modern medical center such as we envisioned.

***HL Foss, MD***

# The Functional Components of Population Health



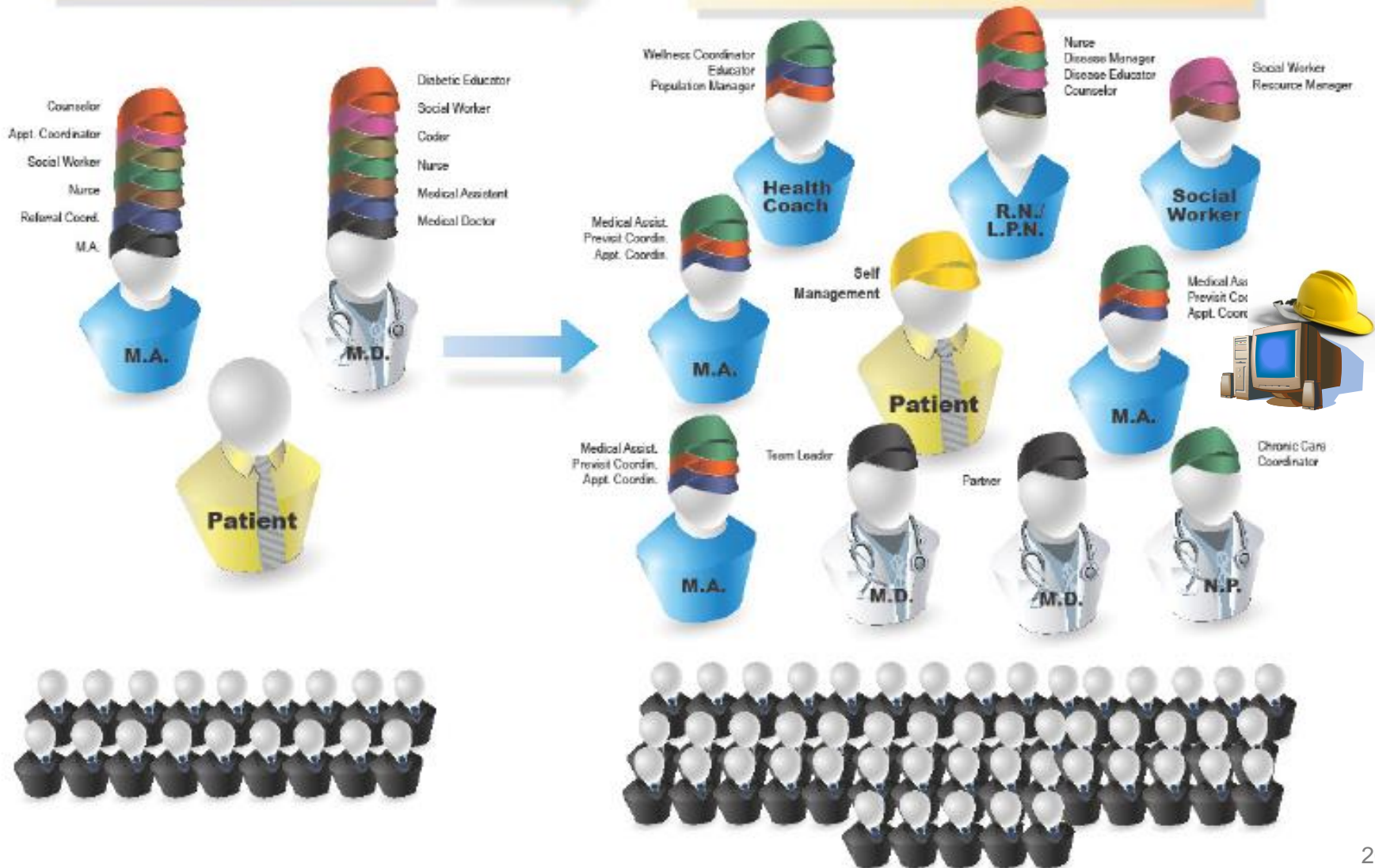
# Clinical Foci for Population Care





## ENCOUNTER-BASED CARE

## ENCOUNTER-BASED CARE + POPULATION-BASED CARE + DISEASE-BASED CARE + PREVENTIVE + WELLNESS





# Workflow Redesign

1. **Eliminate** non-value added work
2. **Automate** work that can be done by a computer or done outside an office encounter
3. **Delegate** work that is done at an office visit to trained non-physician staff when possible
4. **Incorporate** new workflows into the provider practice - “Hardwire” with reminders and EHR tools to enhance the reliability and efficiency of care
5. **Activate** the patient with EHR assistance when possible

# Process Redesign

<b>Automate manual work</b>	<b>EHR</b>	<ul style="list-style-type: none"> <li>• Reminder letters— Care Gaps Outreach</li> <li>• Pre-visit planning</li> </ul>
	<b>Clerical</b>	<ul style="list-style-type: none"> <li>• Schedule flu/pneumococcal, follow-up</li> </ul>
<b>Delegate to trained, non-physician staff</b>	<b>Clinical Nurse</b>	<ul style="list-style-type: none"> <li>• Immunizations, lab testing, foot exam</li> </ul>
	<b>Case Manager</b>	<ul style="list-style-type: none"> <li>• High-intensity coordination/education</li> </ul>
	<b>Nurses</b>	<ul style="list-style-type: none"> <li>• Rooming process - Evidence-based Alerts</li> </ul>
<b>Incorporate new workflows into provider practice</b>	<b>Providers</b>	<ul style="list-style-type: none"> <li>• Evidence-based alerts and reminders for complex decisions</li> </ul>
	<b>Patients and Providers</b>	<ul style="list-style-type: none"> <li>• Patient portal, patient report cards</li> </ul>
	<b>Activate</b>	

# Geisinger Patient-Centered Clinical Continuum of Care

## Population Health and Care Management

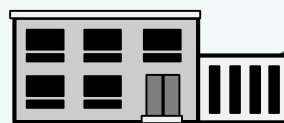
Achieved through integrated care delivery

### Community-Based Care

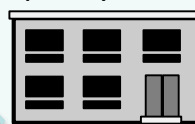
Specialty Outreach  
("Face-to-face" &  
Telemedicine)



Ambulatory Care  
& Surgery Center



Multi-  
Specialty Clinic



Specialty Center,  
e.g. Cancer or Sleep



Community  
Practice Site

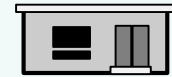


Imaging Center



Wellness

Work Site Clinic



Lab Outreach Site



Retail  
Pharmacy



Retail Clinic



After-Hours  
Care Center



Urgent Care  
Center



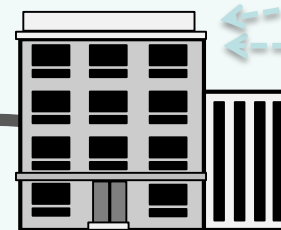
E-Visit  
MyGeisinger



Last updated June 28, 2011; Rev. September 10, 2013

### Acute Care

Tertiary/Quaternary  
Medical Center



Destination  
Medicine



eICU



### Post-Acute & Transitional Care

Inpatient Rehab



Skilled Nursing/  
LTACH



Outpatient Rehab



Adult Health Program  
& Day Center

**LIFE**  
LIVING INDEPENDENTLY FOR ELDERLY

Geisinger

Home Care

Hospice



ProvenHealth  
Navigator®

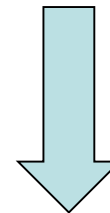


# Diabetes & Hypertension

## Geisinger Results



# Endocrinology Specialty Diabetes Bundle June 2015



PROV / DEPT	# DIABETES PTS	% W/ PNEUMONIA VACC	% W/A1C ORDER PST 6 MOS	% W/A1C at Goal	% W/ LDL ORDER	% W/ LDL < 100 or < 70 IF CAD DX ALSO	% W/ MICROALB RESULT PST YR	% DOCUMENTED NON-SMOKER	% BP at goal	% COMPLIANT w/ ALL CPSL MEASURES	% W/RETINAL EXAM	% W/ DIABETIC FOOT EXAM	% W/ INFLUENZA VACC
08/1/2013 - 07/31/2014	2,864	74%	84%	40%	91%	63%	76%	87%	76%	15%	47%	76%	69%
09/1/2013 - 08/31/2014	2,856	74%	84%	42%	90%	63%	75%	87%	76%	15%	48%	76%	69%
10/1/2013 - 09/30/2014	2,870	73%	84%	42%	91%	63%	75%	87%	75%	15%	49%	77%	69%
11/1/2013 - 10/31/2014	2,790	74%	84%	42%	91%	62%	75%	87%	75%	14%	49%	77%	68%
12/1/2013 - 11/30/2014	2,806	74%	83%	42%	90%	62%	75%	87%	74%	15%	51%	77%	68%
01/1/2014 - 12/31/2014	2,834	74%	83%	42%	90%	63%	76%	87%	74%	15%	52%	77%	57%
02/1/2014 - 1/31/2015	2,847	73%	83%	41%	90%	62%	75%	87%	75%	15%	51%	78%	59%
03/1/2014 - 2/28/2015	2,834	73%	82%	41%	89%	63%	75%	88%	75%	15%	52%	78%	61%
04/1/2014 - 3/31/2015	2,858	73%	83%	40%	90%	62%	75%	88%	75%	14%	51%	78%	63%
05/1/2014 - 4/30/2015	2,840	73%	83%	41%	90%	61%	75%	88%	76%	14%	51%	77%	63%
06/1/2014 - 5/31/2015	2,821	73%	84%	42%	90%	62%	75%	88%	77%	15%	52%	78%	64%
07/1/2014 - 6/30/2015	2,880	72%	84%	43%	90%	61%	75%	88%	77%	15%	51%	77%	65%

# Improving CAD Care for 17,227 Patients

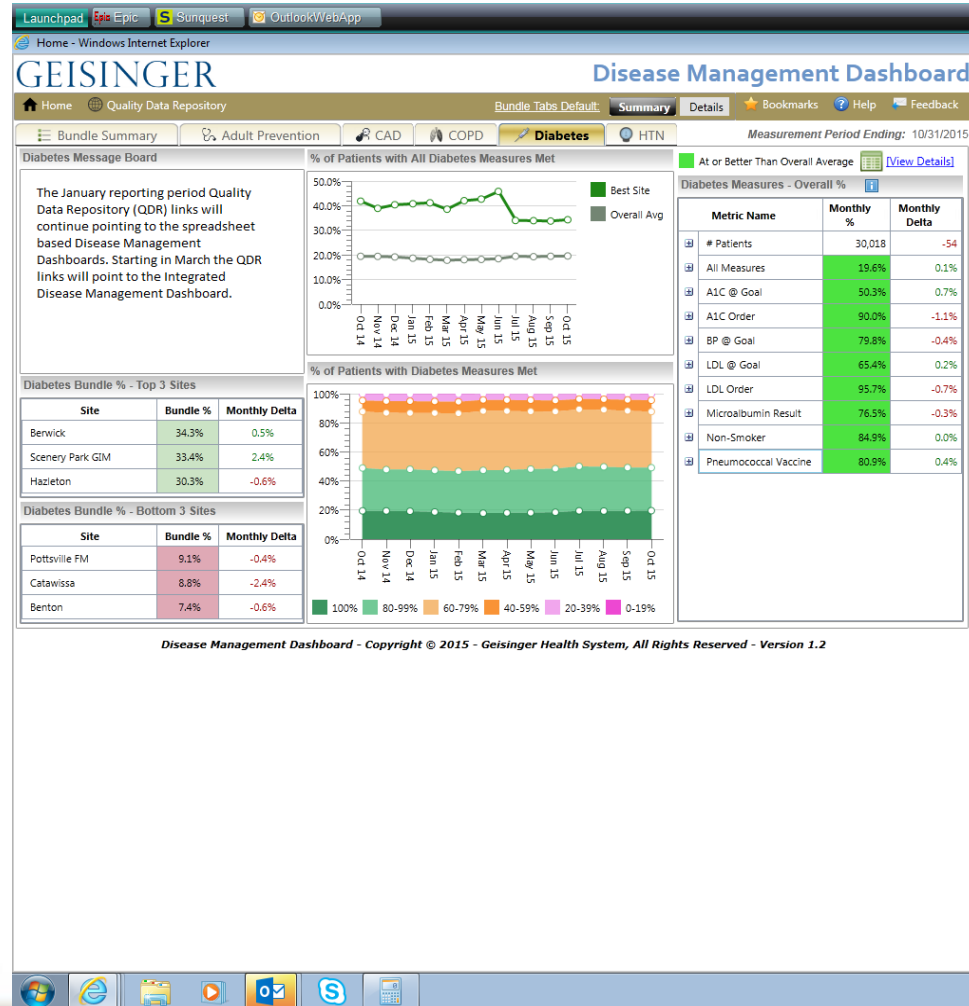
	9/06	3/07	4/14
<b>CAD Bundle Percentage</b>	8%	11%	26%
% LDL <100 or <70 if High Risk	38%	37%	62%
% ACE/ARB in LVSD,DM, HTN	65%	66%	79%
% BMI measured	79%	86%	99%
% BP < 140/90	74%	74%	79%
% Antiplatelet Therapy	89%	91%	95%
% Beta Blocker use S/P MI	97%	97%	97%
% Documented Non-Smokers	86%	86%	86%
% Pneumococcal Vaccination	80%	80%	81%
% Influenza Vaccination	60%	74%	79%



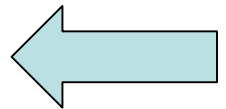
# Improving Diabetes Care for 27,788 Patients

	3/06	3/07	2/14
Diabetes Bundle Percentage	2.4%	7.2%	14.2%
% Influenza Vaccination	57%	73%	75%
% Pneumococcal Vaccination	59%	83%	79%
% Microalbumin Result	58%	87%	78%
% HgbA1c at Goal	33%	37%	46%
% LDL at Goal	50%	52%	60%
% BP < 140/80	39%	44%	65%
% Documented Non-Smokers	74%	84%	85%

# Geisinger Community Practice Diabetes Bundle Oct 2015



<140/90



# GHP 2013 HEDIS Performance

## Geisinger Clinic Rate much better than the Panel Provider Rate

Measure/Submeasure	Overall GHP Rate	Geisinger Clinic Rate	Panel Provider Rate	Difference	Measure/Submeasure	Overall GHP Rate	Geisinger Clinic Rate	Panel Provider Rate	Difference
Adolescents Immun(1)	85.27%	90.32%	82.63%	7.70%	Antidepressant Mgmt Acute Phase	74.36%	78.76%	71.10%	7.70%
Adolescent Well Care Visits	58.89%	66.67%	57.33%	9.30%	Antidepressant Mgmt Cont Phase	63.32%	71.43%	56.38%	15.00%
Adult BMI Assessment	88.83%	98.12%	83.57%	14.50%	App Test for Children with Pharynx	79.25%	87.60%	74.97%	12.60%
Childhood Immun Status (3)	86.68%	90.70%	83.44%	7.30%	App Tx for Children w URI	90.28%	92.59%	86.83%	5.80%
Cholest Mgmt/LDL-C < 100	66.93%	73.62%	62.18%	11.40%	Avoidance of AB Treatment for Bronchitis	22.68%	25.47%	19.79%	5.70%
Comp Diab/BP < 140/80	58.65%	69.78%	51.24%	18.50%	Breast Cancer Screening	75.35%	80.54%	70.42%	10.10%
Comp Diab/Eye Exam	69.88%	81.17%	61.96%	19.20%	Cervical Cancer Screening (CM)	78.99%	82.15%	75.39%	6.80%
Comp Diab/HbA1c <7	43.60%	48.19%	39.62%	8.60%	Chlamydia Screening in Women	41.25%	47.67%	34.11%	13.60%
Comp Diab HbA1c <8	71.10%	73.58%	69.02%	4.60%	Colorectal Cancer Screening (HED)	72.01%	79.32%	66.67%	12.70%
Comp Diab/HbA1c Poor Control	16.23%	11.11%	19.62%	-8.50%	Engage of AOD Dep Tx Total	15.52%	21.24%	11.85%	9.40%
Comp Diab/LDL-C < 100	58.81%	66.94%	52.89%	14.10%	Glaucoma Screening	76.85%	82.26%	72.43%	9.80%
Comp Diab/LDL-C Screening	90.74%	94.31%	88.18%	6.10%	Childhood Immunization Status-Hepatitis A	86.53%	93.82%	80.63%	13.2%
Comp Diab/Monitor Nephropathy	89.20%	94.72%	85.33%	9.40%	HPV Vaccine Female Adolescents	19.37%	24.27%	15.51%	8.80%
Controlling HBP	73.02%	79.21%	69.49%	9.70%	Childhood Immunization Status-Influenza	73.53%	81.40%	67.19%	14.2%
Lead Screening in Children	35.94%	63.16%	31.19%	32.00%	Osteoporosis Management in Women	59.20%	68.20%	53.29%	14.9%

# Why? Leap of Faith...



# Patient Centered Outcome Improvements

*AM J Manag Care. 2014; 20(6); e 175-e 182*

## •Microvascular

- Retinopathy
  - Less than three years
  - Number needed to treat to avoid one case: 151
- Intention to treat type analysis, e.g. does the patient's physician employ a system of care or not, regardless of patient adherence to the system of care (bundle score)

## •Macrovascular

- Heart Attack
  - Less than three years
  - Number needed to treat to avoid one heart attack: 82
- Stroke
  - Less than three years
  - Number needed to treat to avoid one stroke: 178

# How





# Geisinger Soup

- Multi-specialty Medical group practice including PCP & Specialists
- Fully integrated Electronic Health record
  - Best Practice Alerts
  - Health Maintenance
- Data warehouse integrate disparate data sources to enable reporting
- ADA DSMT Program
  - 50+ outpt sites
  - Inpatient Diabetes Ed
- GHP Case Managers
  - Embedded in PCP office
- Pharmacists MTM
  - Polypharm, Med Recon
  - Coumadin Clinic
  - HTN, DM, Lipid
- Loyal patients who trust Geisinger brand
  - Sweet Spot

# Lessons Learned

- The role of automation
- The role of leadership
- The role compensation
- The role of feedback
- The role of structure
- The role of culture
- The role of funding
- The role of the patient



*“Let us bear in mind that the most important individual after all is the patient. Our paramount thought must be to provide him means by which he can have skilled diagnostic and therapeutic service in as complete form as may be indicated in a given case, in the shortest possible time consistent with thoroughness, and at the least cost to him.”*

*HL Foss, MD*

*11/4/1950*

41

# Geisinger Strives to Achieve The Triple Aim...

- Higher Quality
  - Diabetes Bundle
  - Reduced Complications
- Better Patient Experience
- Lower Total Cost of Care
  - Medical Home



# Geisinger 1915- 2015

## *A century of Transformation and Innovation*

- Last 100 Years: Creating Systems to *change provider behavior* with a goal to improve both the *quantity and quality* of care delivered to patients
- Next decade: Creating Systems to *empower patient access* to the highest *quality of care* delivered at *reduced cost* while providing a world class *patient experience*

# Geisinger Technology

## *Engaging patients in a Rural Health Care Environment*

- Telemedicine
  - eICU,
  - Inpatient Consults, Outpatient visits
- *My Geisinger* Web Portal 250,000 patients
  - Directly email your physician
  - All Laboratory and Radiology Reports
  - *Open Notes* Physician Progress Notes for patients
  - *Ask A Doc* Electronic Curbside Consults
- Text messaging
  - Appointment reminders & Preventive Health
  - Weight Management & Diabetes Education
- *My Code* Genetics Collaborative w/ Regeneron
  - 100,000 Whole Exome Sequences



# Acknowledgements

## Geisinger System Leaders

- Charles Sawyer, MD EPIC
- James Edward Hartle, MD Medicine, ACOMO
- Eric Newman MD Medicine, Pop Health
- John Bulger DO GHP, Pop Health
- Amy Howell-Harte MD Comm Pract Quality
- Keith Boell, MD GHP Quality
- Albert Bothe, MD Chief Quality Officer
- Alistair Erskine, MD CIO
- David Feinberg, MD, MBA CMO and CEO

## 100% Satisfaction Guaranteed



# AMGF Diabetes Campaigns: MUPD =>Together 2 Goal

- Abigail Geisinger



- Make this campaign right; make it the best...
- Improve care for 1 million patients with Type 2 Diabetes
- What's your role?
- Let's begin !

