

# Medical Home DIY! Self-Guided Practice Transformation

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**Jeff Halbstein-Harris**, Patient/Advocate

**Collette Carver**, Sentara Healthcare

**Suzanne Berman**, Plateau Pediatrics

**C.J. Peek**, University of Minnesota



PATIENT-CENTERED PRIMARY CARE:  
**AT THE HEART**  
**OF VALUE**   
**AND QUALITY**

# Medical Home DIY! Self-Guided Practice Transformation

Description: Many tools and resources have been developed to assist primary care practitioners in leading their own quality improvement efforts.

This session will include a panel of **providers** and **experts** who will each describe how they acquired the necessary skills to lead their staff in transforming the practice into a **patient-centered** medical home (PCMH).

# Patient-Centered Primary Care

COLLABORATIVE



# Defining the medical home

The medical home is an *approach* to primary care that is:

## Patient-Centered

Supports patients in managing decisions and care plans.

## Comprehensive

Whole-person care provided by a team

## Coordinated

Care is organized across the 'medical neighborhood'

## Committed to quality and safety

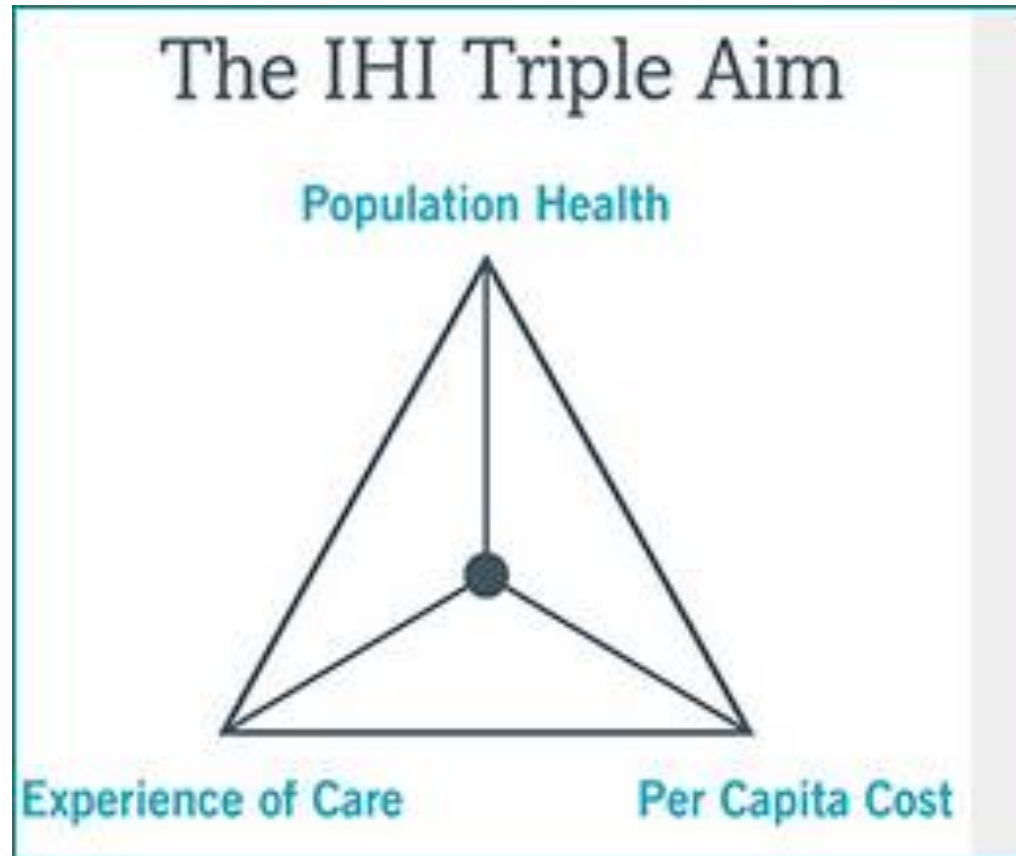
Maximizes use of health IT, decision support and other tools

## Accessible

Care is delivered with short waiting times, 24/7 access and extended in-person hours.

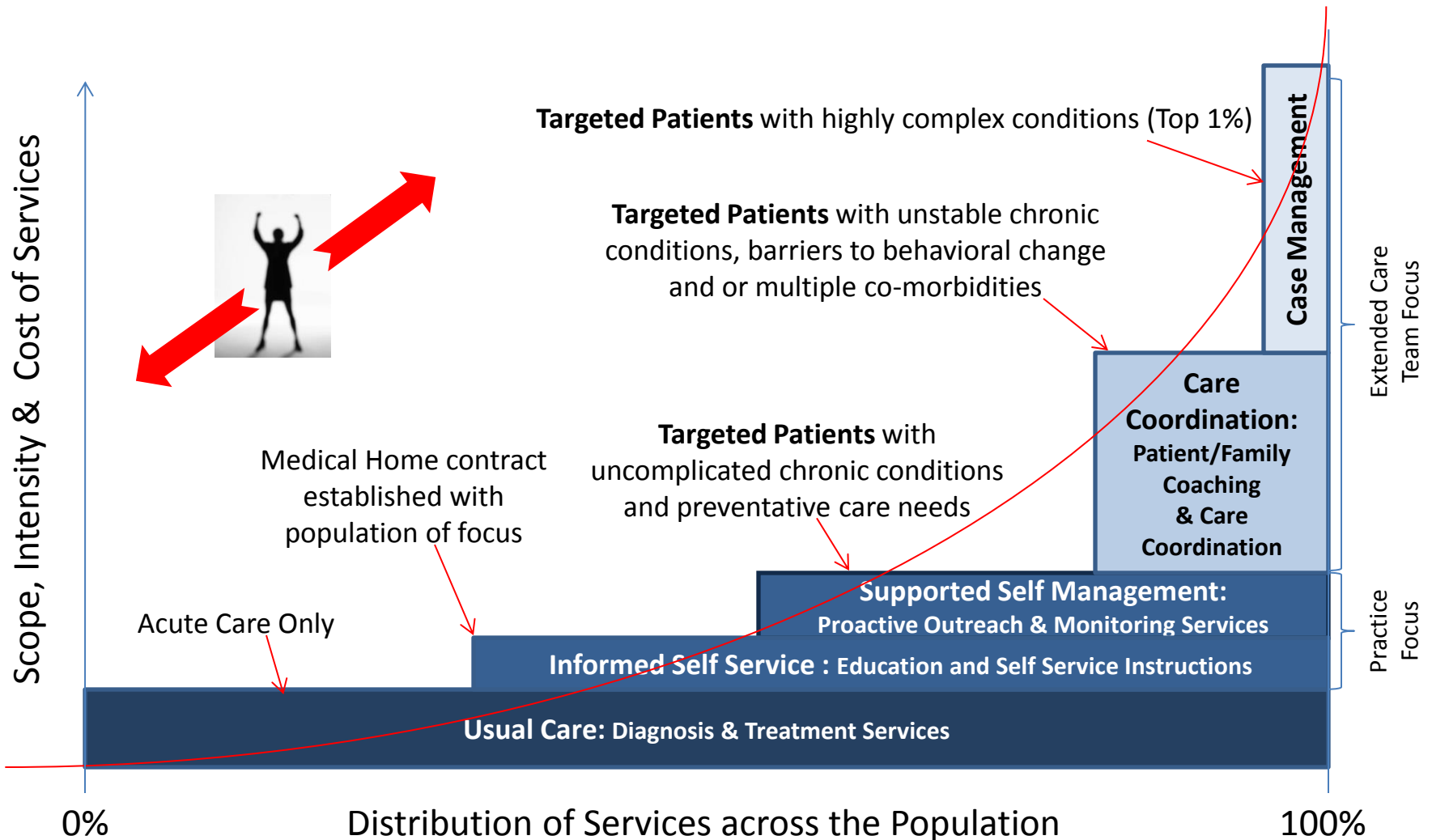


National demand for healthcare transformation.



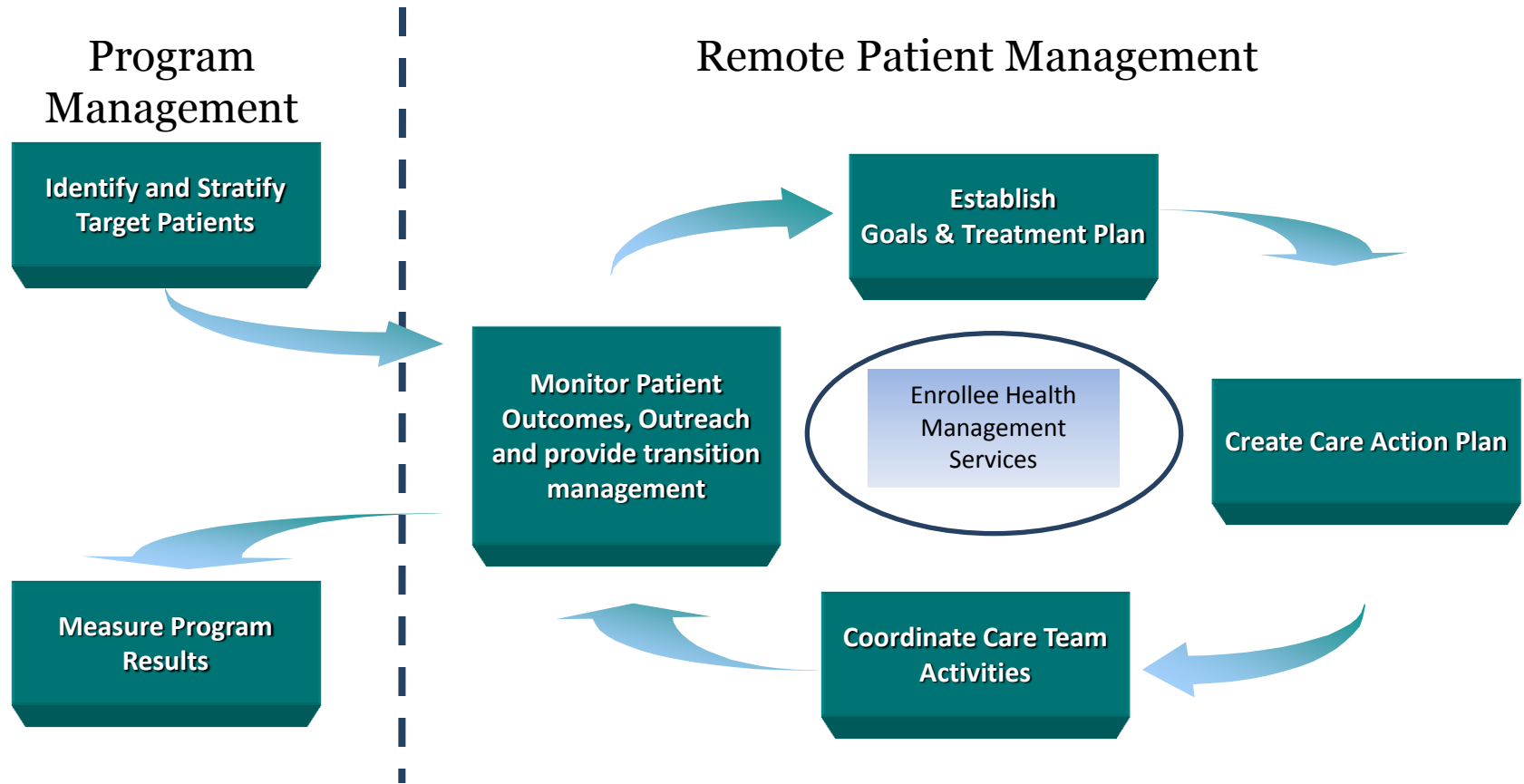
# PCMH Population Stratification

Formerly within domain of payer, now within scope of care for PCMH



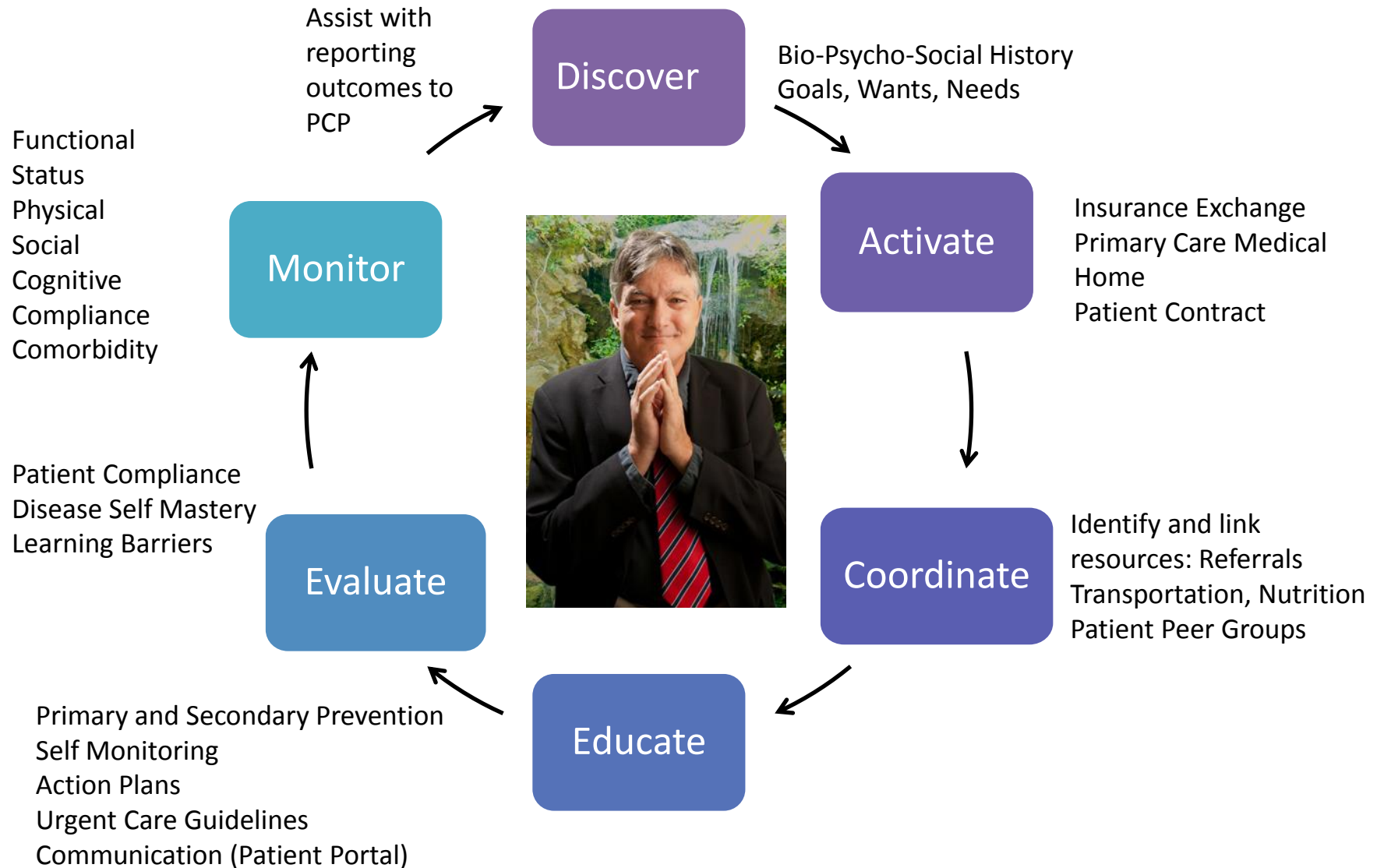
# Population Management

## A new practice skill set



# Fully engaging our patients

## How much should we expect from the consumer?

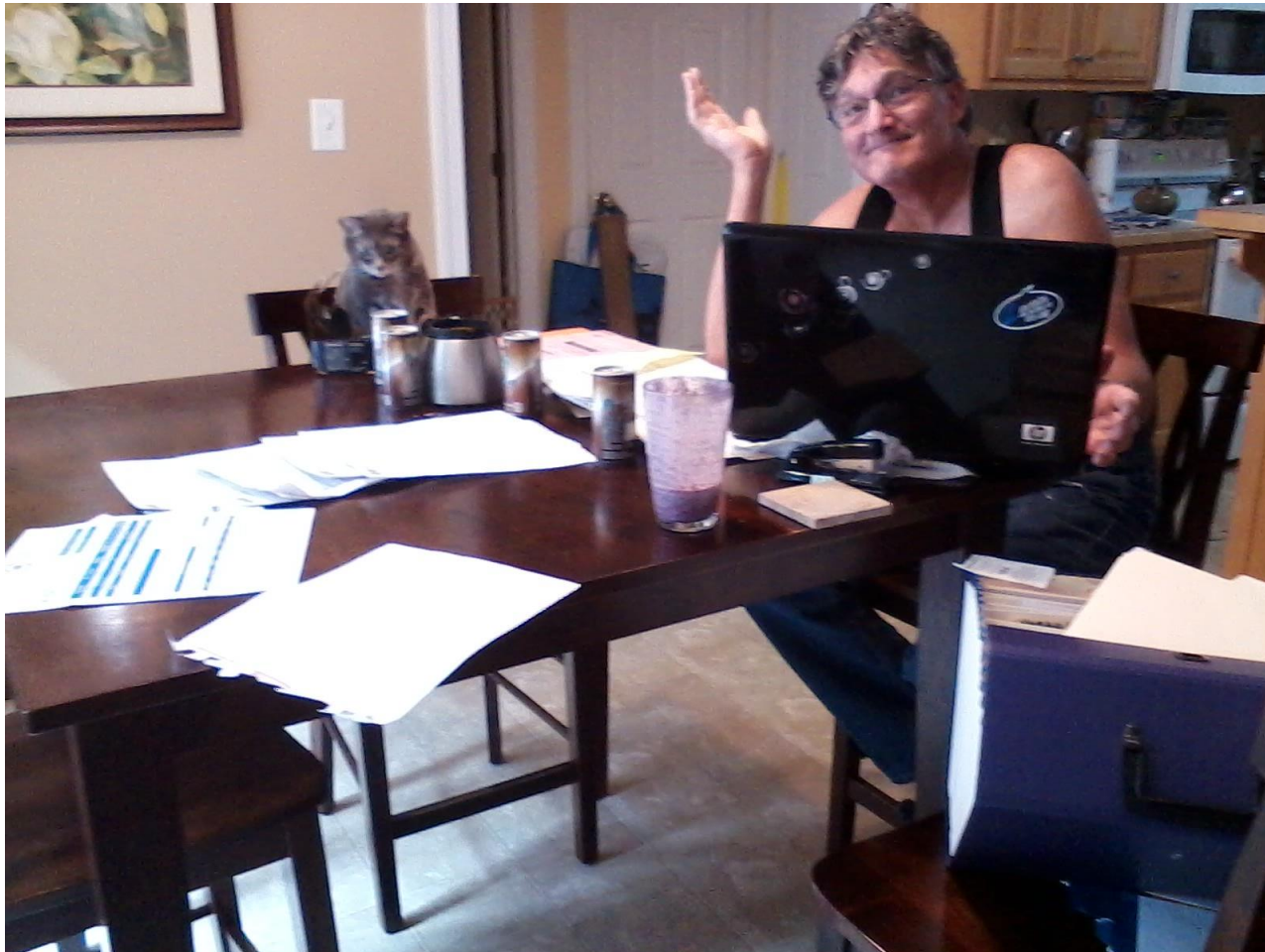




# A patient's perspective

- **Me:** 58 y/o male
- **5 physicians**
- **3 chronic conditions** (diabetes, Hepatitis C, RSD)
- Comorbidity's: Retinopathy, autonomic neuropathy
- Behavioral Health: PTSD, Chronic Depression
- Onset dates: Diabetes age 10, Hepatitis age 24, RSD age 55, retinopathy age 49, neuropathy age 55, PTSD age 33, chronic depression age 33.
- Meds = 7
- **Technology** includes CAGM
- **Functional status:** Retired SSDI due to RSD and autonomic neuropathy. Able to work at desk for periods up to 3 hours, able to drive for up to 3 hours
- **Social Status:** Married 20 years, no children.
- Education: BS Economics , AS Respiratory Therapy; RCVT, RPFT
- Former occupation: Director of High Risk Case Management; Director of Clinical Informatics  
Director of Cardio-Pulmonary Rehabilitation
- Recent Losses: Occupation and Avocational activity (Private Pilot)
- **Goals:** Control CD process and part time work in field of passion

Sorting, distributing, analyzing, paying, communicating,  
why the heck won't my records synchronize?



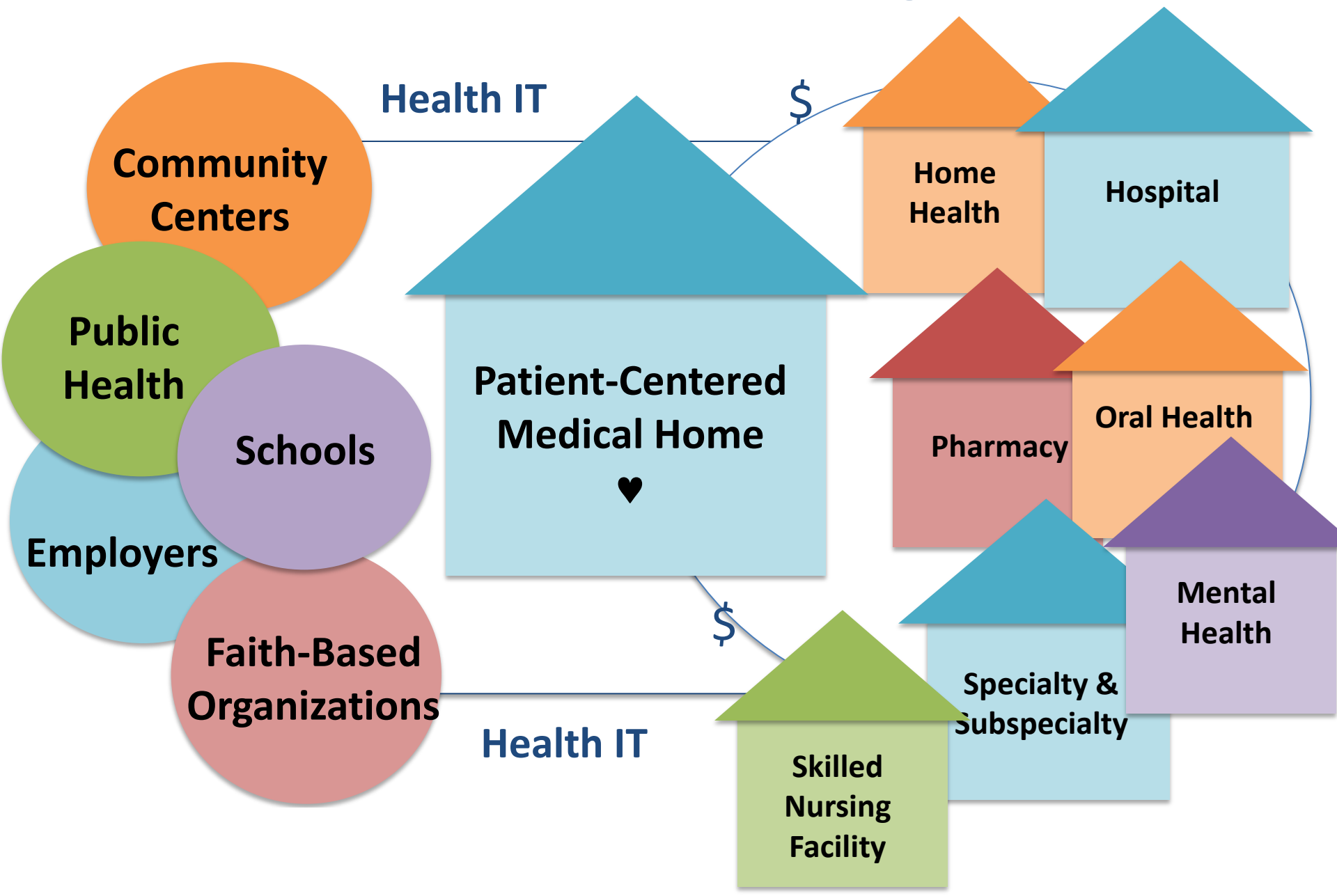
2 hours later , 3 Starbucks, one fruit smoothie, 8 units of Apidra



# How much more can we take!



# PCMH at ♥ of “Medical Neighborhood”



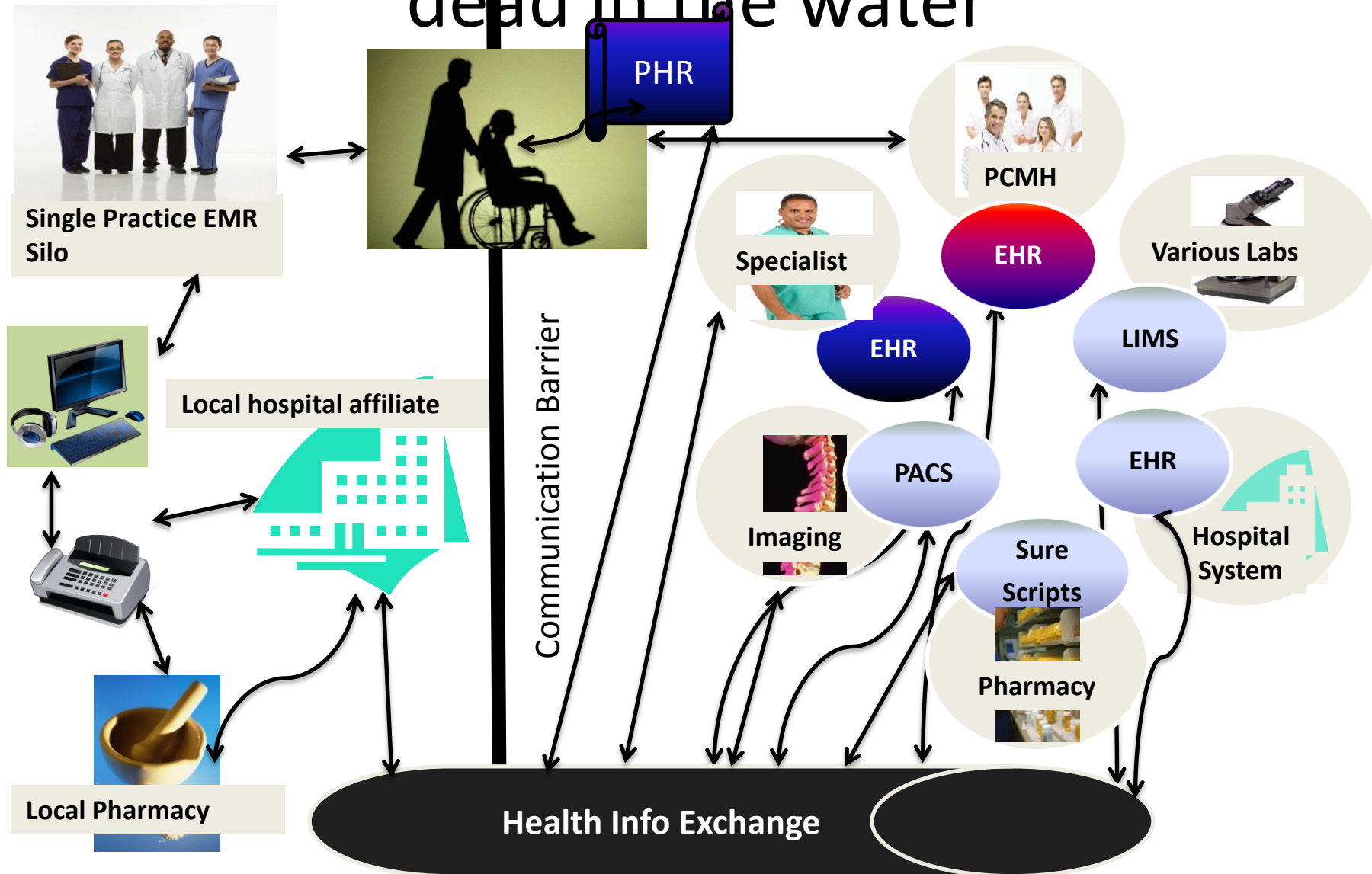


# Without data interchange we are

Non Integrated System,

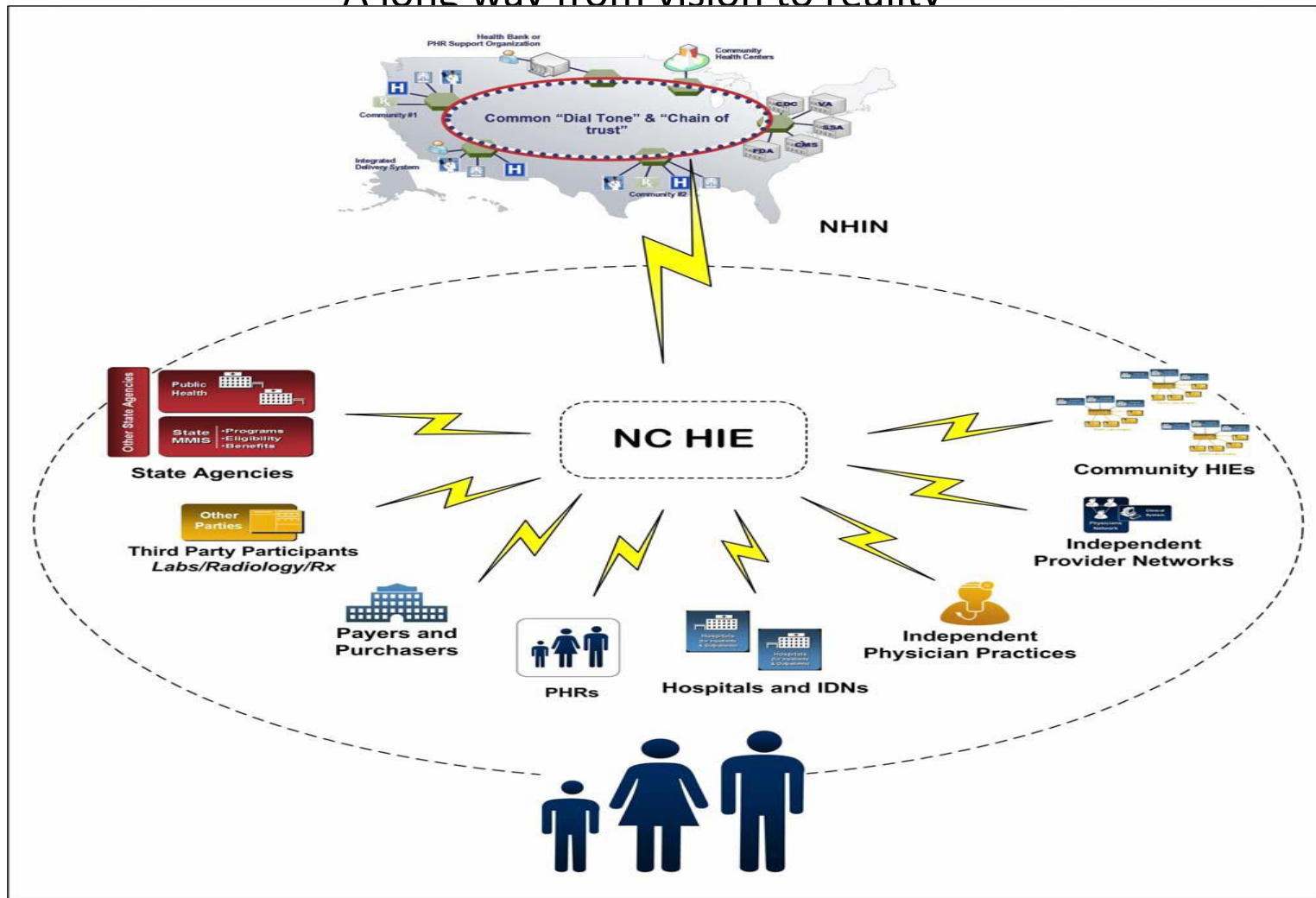
Integrated System with e-HR

“dead in the water”



# NCHICA Proposes Architecture

## A long way from vision to reality





# ***Stopping the revolving door***

**"Go to the people, live with them, learn from them....  
Start with what they know, build with what they have...."**  
**Lao Tzu**

**After ten years work with 3000 pulmonary and cardiac disease patients I learned some very simple lessons:**

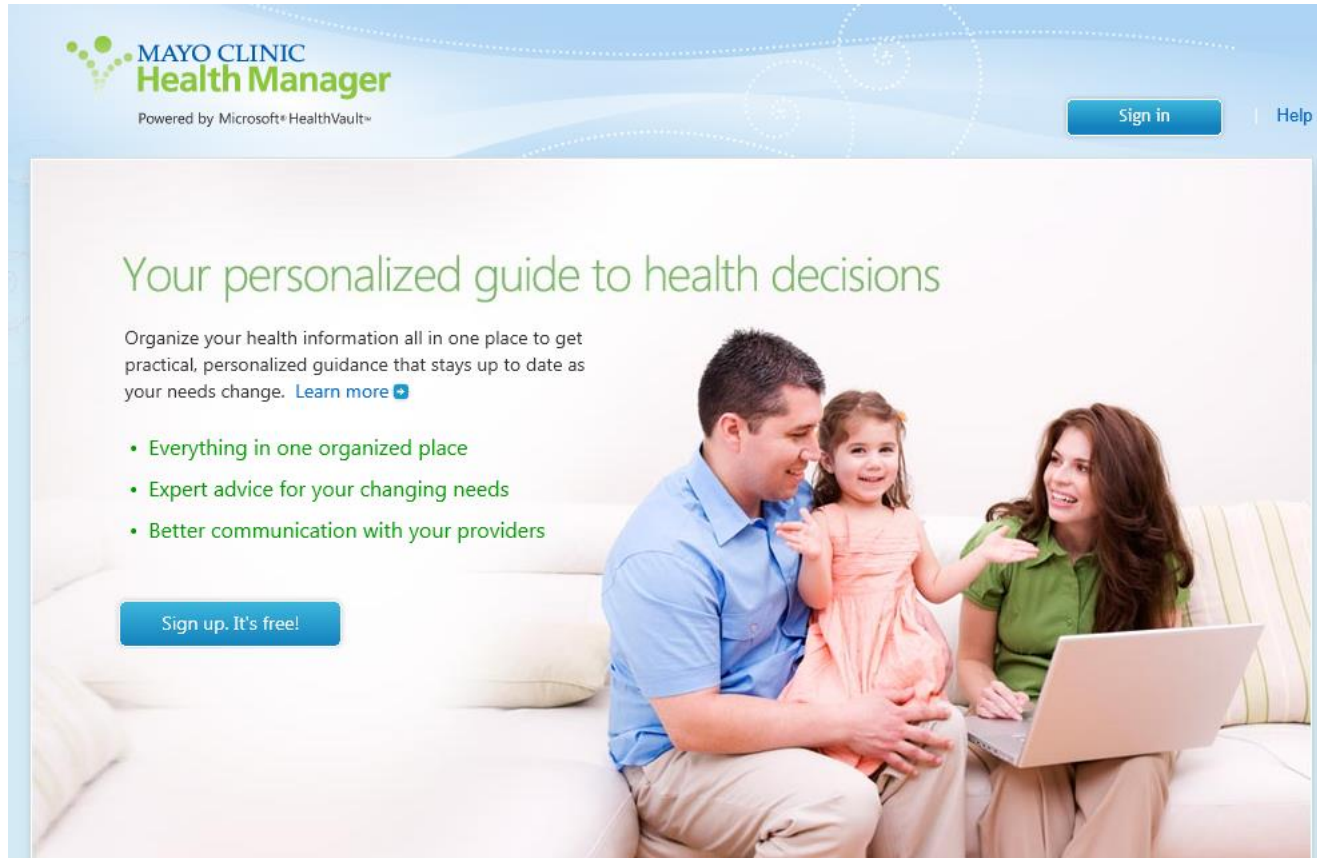
- We are an interdisciplinary workforce, our patients count on our ability and desire to share our treatment plans and assessments**
- We may have individual treatment plans by sub-specialty or episode of care but we all share in the development of a "Life-Plan" engaging patients and families in their own self-defined "Plan of Care"**
- Self mastery starts with understanding how the system works, who the cast of actors are and everyone's responsibility.**



# Preparing for a trip



# My PHR

The image is a screenshot of the Mayo Clinic Health Manager website. At the top left is the Mayo Clinic logo with the text 'MAYO CLINIC Health Manager' and 'Powered by Microsoft® HealthVault™'. At the top right are 'Sign in' and 'Help' buttons. The main heading is 'Your personalized guide to health decisions'. Below it is a paragraph about organizing health information and a 'Learn more' link. A bulleted list highlights three benefits: 'Everything in one organized place', 'Expert advice for your changing needs', and 'Better communication with your providers'. A 'Sign up. It's free!' button is at the bottom left. The background features a family (father, mother, and child) sitting on a couch, with the mother using a laptop.

**MAYO CLINIC**  
**Health Manager**  
Powered by Microsoft® HealthVault™

[Sign in](#) | [Help](#)

## Your personalized guide to health decisions

Organize your health information all in one place to get practical, personalized guidance that stays up to date as your needs change. [Learn more](#) ➤

- Everything in one organized place
- Expert advice for your changing needs
- Better communication with your providers

[Sign up. It's free!](#)

## Mayo Clinic Health Manager uses Windows Live ID to sign in to HealthVault.

(If you use Hotmail, Messenger, or Xbox LIVE, you have a Windows Live ID.)

Don't have a Windows Live ID?

Create new account

Or sign in with:



# sign in

Windows Live ID:

jeffharris@untangledhealthcare.com

Password:

••••••••

[Can't access your account?](#)


☐ Keep me signed in

Sign in

Not your computer?

[Get a single use code to sign in with](#)

# How I connected my system

- Located physician with knowledge of health data interchange and motivation to heal
- Located surgeons who would treat me as equal
- Located tools online that worked and were interoperable
- Created my own accounts {HealthVault,  
Connected to 
- Connected to CVS, SPINN secure Communication and LabCorp



# RALEIGH ENDOCRINE ASSOCIATES

*The quality of your care is the measure of our success.*

Blue Ridge Center II  
2709 Blue Ridge Road, Suite 320  
Raleigh, NC 27607

[www.raleighendocrine.com](http://www.raleighendocrine.com)  
[portal@raleighendocrine.com](mailto:portal@raleighendocrine.com)  
(919) 876-7692



Log In

Select your account login method or [Go Back](#).



[Help](#) | [Español](#)

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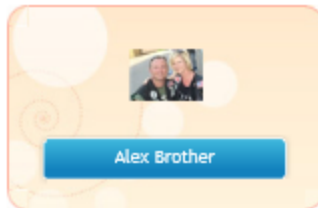
[Get a single use code to sign in with](#)

## My Family

Mayo Clinic Health Manager helps you organize, manage and understand your family's health, and offers personalized guidance to help you make the right decisions at the right time.

Get a quick update on each family member here. For details, just click a person's name.

[+ Add a family member](#)



### Next appointment

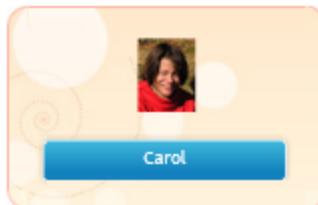
None upcoming

### Action items

[Answer Starter Questions](#) for more personalized action items

### Other recommendations

[View all](#)



### Next appointment

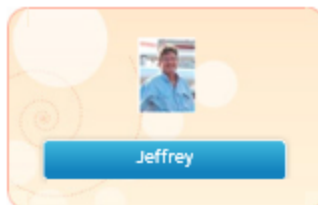
None upcoming

### Action items

[Answer Starter Questions](#) for more personalized action items

### Other recommendations

[View all](#)



### Next appointment

None upcoming

### Action items

No action items

### Other recommendations

[View all](#)



Mayo Clinic Health Manager uses Microsoft HealthVault to store your data [Learn more](#).



Tell others about Mayo Clinic Health Manager



**Jeffrey**

[Switch person](#) ▾ [My Family](#)



**Overview**



**Profile** ▾



**Contacts & Appointments** ▾



**Tools**

## Overview

Your personalized health guidance is based on your profile. Keep your profile up to date to make sure your action items, reminders and recommendations will remain right for you.

### Action items

You have no action items.

[View history](#)

### Care reminders

- [Talk to your health care provider about advance directives](#) ×
- [Talk to your health care provider about taking a daily aspirin](#) ×
- [Talk to your health care provider about the right eye exam schedule for you](#) ×
- [You're due for a colonoscopy](#) ×
- [You're due for a depression assessment](#) ×
- [Pneumonia shot \(PPSV23\): You're due for a pneumonia shot](#) ×
- [Tetanus diphtheria shot \(Td\): You're due for a tetanus diphtheria shot](#) ×

[View history](#)

### Track your numbers

[All tools](#)

**Decision Support**



### Profile shortcuts

[Print profile](#)


#### Recommended profile updates

- Enter conditions and medications that affect your LDL cholesterol goal
- Enter conditions that may affect your blood pressure goal
- Enter lifestyle habits that may affect your cholesterol

#### Medications

- DEXTROAMPHETAMINE-AMPHETAMINE 20 CAPSULE, EXT RELEASE 24 HR 20 TAKE 2 CAPS EACH MORNING AND 1 CAPS AT NOON AND 1 CAPS AT 4 PM
- HUMALOG 100 VIAL (SDV,MDV OR ADDITIVE) (ML) 100 USE AS DIRECTED IN PUMP
- HUMALOG 100 VIAL (SDV,MDV OR ADDITIVE) (ML) 100 USE AS DIRECTED IN PUMP
- HUMALOG 100 VIAL (SDV,MDV OR ADDITIVE) (ML) 100 USE AS DIRECTED IN PUMP
- DEXTROAMPHETAMINE-AMPHETAMINE 20 CAPSULE, SUSTAINED RELEASE 24 HR 20 TAKE 2 CAPSULES BY MOUTH EVERY DAY IN THE MORNING AND TAKE 2 CAPSULES AT NOON
- DESCONIDE 0.05% LOTION (ML) 0.05% APPLY



**Jeffrey**  
[Switch person](#) [My Family](#)

[Overview](#) [Profile](#) [Contacts & Appointments](#) [Tools](#)

### Overview

Your personalized health guidance is based on your health history. It helps you understand your health and make sure your action items, reminders and recommendations are up to date.

### Action items

You have no action items.

### Care reminders

- Talk to your health care provider about advance directives
- Talk to your health care provider about taking a daily aspirin
- Talk to your health care provider about the right eye exam schedule for you
- You're due for a colonoscopy
- You're due for a depression assessment
- Pneumonia shot (PPSV23):** You're due for a pneumonia shot
- Tetanus diphtheria shot (Td):** You're due for a tetanus diphtheria shot

- Profile Summary
- Vital Statistics
- Conditions
- Medications
- Allergies
- Surgeries & Procedures
- Lab Tests & Screenings
- Immunizations
- Family History
- Lifestyle
- Incoming Health Documents
- Connections

ate to make

View history

#### Profile shortcuts

[Print profile](#)


#### Recommended profile updates

- Enter conditions and medications that affect your LDL cholesterol goal
- Enter conditions that may affect your blood pressure goal
- Enter lifestyle habits that may affect your cholesterol





#### Medications

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# Details of record source




**Jeffrey**  
Switch person ▾ My Family

 Overview  **Profile** ▾  Contacts & Appointments ▾  Tools

## Conditions

Enter your health condition

 You've updated Ch  
other profile items.

Show  
All

★ Current

★ Chronic arthritis h

▼ Date of onset  
1/1/2003

★ Chronic hepatitis

▼ Date of onset  
9/1/1975

Change condition or symptom for Jeffrey ×

\* Required

Condition name \*


Diabetes mellitus

Status


Current: Currently has this ▾

Date of onset (MM/dd/yyyy)

7/1/1988



Date resolved (MM/dd/yyyy)



Note

Insulin Pump since 1984

Show additional details ▾

Save Cancel

# Medication Reconciliation

**Jeffrey**  
[Switch person](#) [My Family](#)

[Overview](#) [Profile](#) [Contacts & Appointments](#) [Tools](#)

## Medications

Enter your prescription medications, over-the-counter remedies and supplements.

Add your medication history from participating pharmacies. [Get started now.](#)

## Medication details for Jeffrey

Currently taking

No longer taking

[Add a medication](#)

[Print](#)

Medication	Instructions	For	Prescribed by
FLUOXETINE HCL 40 CAPSULE (HARD, SOFT, ETC.) 40	TAKE 2 CAPSULES EVERY DAY	No data	JAMES SMITH
GLUCAGON EMERGENCY KIT 1 KIT 1	USE AS DIRECTED	No data	ANTHONY AZZI
Humalog 100 unit/mL Cartridge	No data	No data	James Orourke
HUMALOG 100 VIAL (SDV,MDV OR ADDITIVE) (ML) 100	USE AS DIRECTED IN PUMP	No data	ESTHER SEO
HUMALOG 100 VIAL (SDV,MDV OR ADDITIVE) (ML) 100	USE AS DIRECTED IN PUMP	No data	ESTHER SEO
HUMALOG 100 VIAL (SDV,MDV OR ADDITIVE) (ML) 100	USE AS DIRECTED IN PUMP	No data	MONICA BARNES-DURITY
HUMALOG 100 VIAL (SDV,MDV OR ADDITIVE) (ML) 100	USE AS DIRECTED IN INSULIN PUMP	No data	ANTHONY AZZI
HUMALOG 100 VIAL (SDV,MDV OR ADDITIVE) (ML) 100	USE AS DIRECTED IN PUMP	No data	MONICA BARNES-DURITY
HUMALOG 100 VIAL (SDV,MDV OR ADDITIVE) (ML) 100	USE 80 UNITS DAILY VIA PUMP AS DIRECTED	No data	LISA HILL

**HUMALOG 100 VIAL (SDV,MDV OR ADDITIVE) (ML) 100** [Change](#) [Delete](#)

**Dose** No data

**How often** USE AS DIRECTED IN PUMP

**Route** No data

**Instructions** USE AS DIRECTED IN PUMP

**For** No data

**Date started** 9/7/2011

**Date stopped** Currently taking

**Prescription details**

**Prescribed by** ESTHER SEO

**Date prescribed** 8/29/2011

**Amount prescribed** 40.0


**Added by** My CVS/pharmacy Prescriptions

Who ordered drug

Where did record come from

Is this patient staying with medical home or Dr. Shopping

# Providers and Contacts


**Jeffrey**  
[Switch person](#) [My Family](#)

[Overview](#) [Profile](#) [Contacts & Appointments](#) [Tools](#)

## Providers & Contacts

Who provides health care for Jeffrey? Keep track of health care providers, insurance plans, pharmacies and emergency contacts for Jeffrey.


**Health Care Providers** [Add a health care provider](#)



**Dr. Esther e Seo**  
7021 Harps Mill Road,  
Suite 100  
Raleigh NC 27603  
United States  
  
**919-845-2125** (primary)  
  
**Note:** Practice manager: Deborah Stark  
  
Type of location: Duke Primary Care

[Change](#)  
[Delete](#)

**Insurance Plans** [Add an insurance plan](#)



**FED Emp BC, Medical**  
**Subscriber name:** Carol Lolley-Harris  
**Subscriber ID:** 59927651  
**Group number:** 112  
**Expiration date:** 1/17/2012

[Change](#)  
[Delete](#)


**Pharmacies** [Add a pharmacy](#)




There are currently no pharmacies on file for Jeffrey.

**Emergency Contacts** [Add an emergency contact](#)




# Monitoring



**Jeffrey**  
Switch person ▾ My Family



 Overview  Profile ▾  Contacts & Appointments



## Tools



Tools help you track progress toward your goals and get personalized health guidance. With some tools, you have the option to enter data electronically from HealthVault-connected monitoring devices. [Learn more.](#)



 Add a tool



 **Blood Pressure Tracker**   
128/82  
3 months ago



 **BMI Calculator**   
Last used: 2 months ago



 **Cholesterol Tracker**   
LDL 100, HDL 40, Tri 100, Total 189  
4 months ago



 **Depression Risk Assessment**   
Last used: 2 months ago

 **Heart Disease Risk Calculator**   
10 %  
Last used: 2 months ago

 **Height Tracker**   
6 feet 1 inches  
2 months ago

 **Hemoglobin A1C Tracker**   
7%  
2 days ago

 **Stress Tracker**   
High  
2 months ago

 **Weight Tracker**   
194 pounds 0 ounces  
2 months ago

# Educating patients to select resources from published information

stay, and how often patients who were admitted with certain conditions died while they were in the hospital. These complications and deaths can often be prevented if hospitals follow procedures based on best practices and scientific evidence.

**Learn why Serious Complications and Death Measures are Important.**

	BETSY JOHNSON REGIONAL HOSPITAL	JOHNSTON MEMORIAL HOSPITAL	REX HOSPITAL
	800 TILGHMAN DR DUNN, NC 28334 (910) 892-7161	509 BRIGHT LEAF BLVD SMITHFIELD, NC 27577 (919) 934-8171	4420 LAKE BOONE TRAIL RALEIGH, NC 27607 (919) 784-3100
	Add To My Favorites	Add To My Favorites	Add To My Favorites
Serious Complications This is a 'composite' or summary measure.	No Different than U.S. National Rate Get results for this Hospital	No Different than U.S. National Rate Get results for this Hospital	Worse than U.S. National Rate Get results for this Hospital

Process of Care Measures

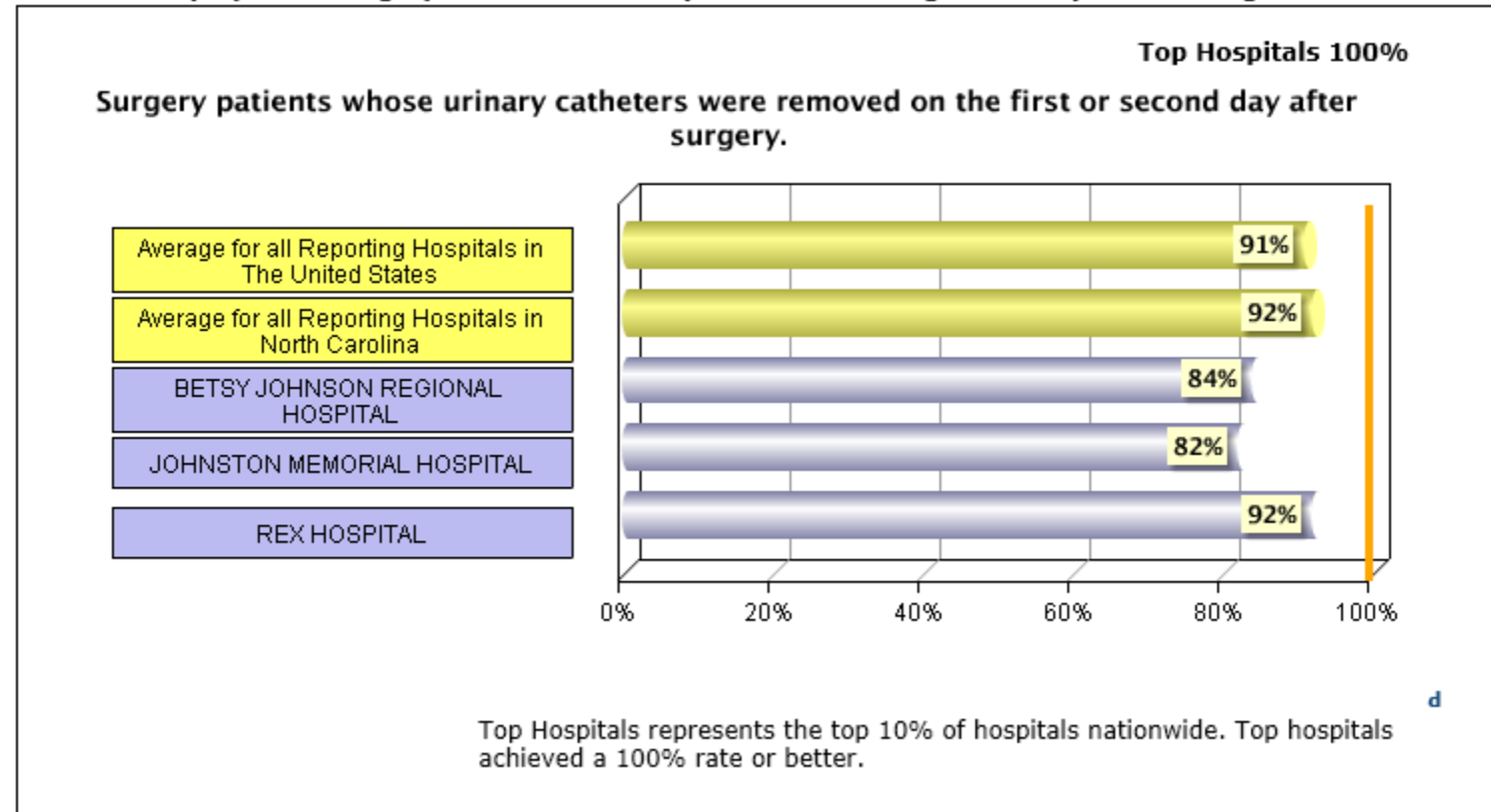
Outcome of Care Measures

Use of Medical Imaging

Survey of Patients' Hospital Experiences

# Using process measures to make decisions when choosing providers

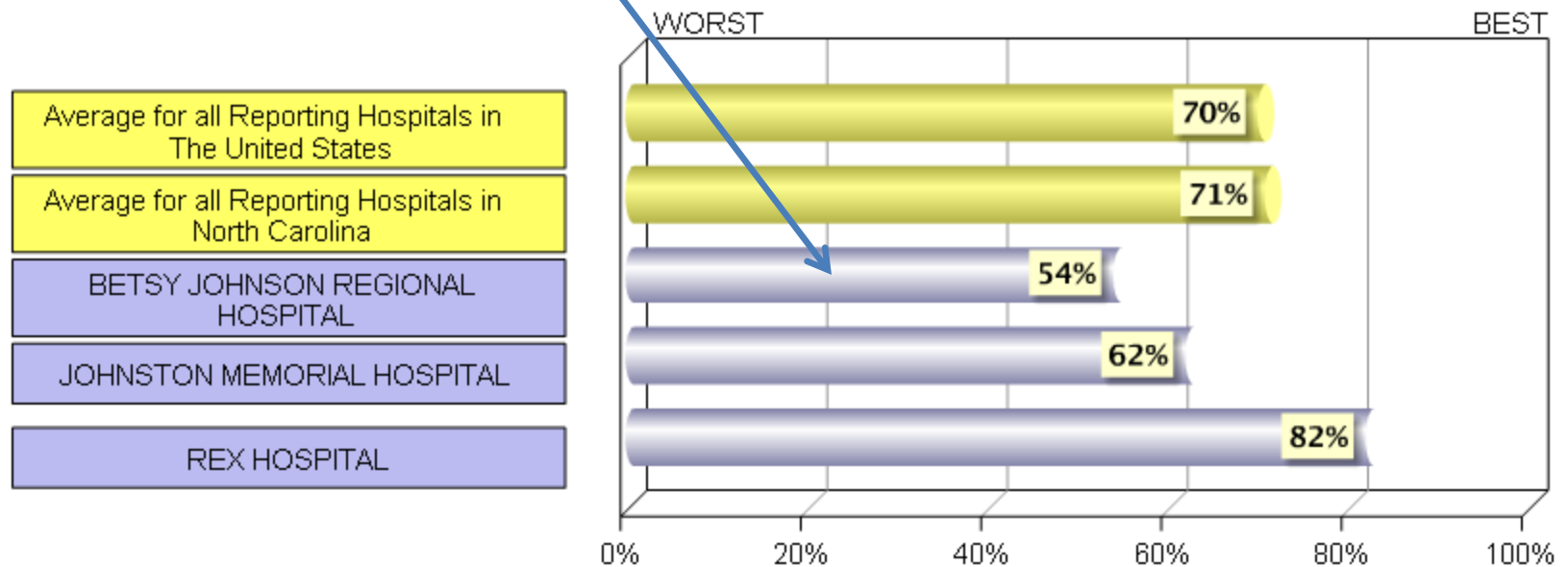
The rates displayed in this graph are from data reported for discharges January 2010 through December 2010.



# Why Wouldn't Patients Recommend

Bars below tell the percent of patients who reported YES, they would definitely recommend the hospital.

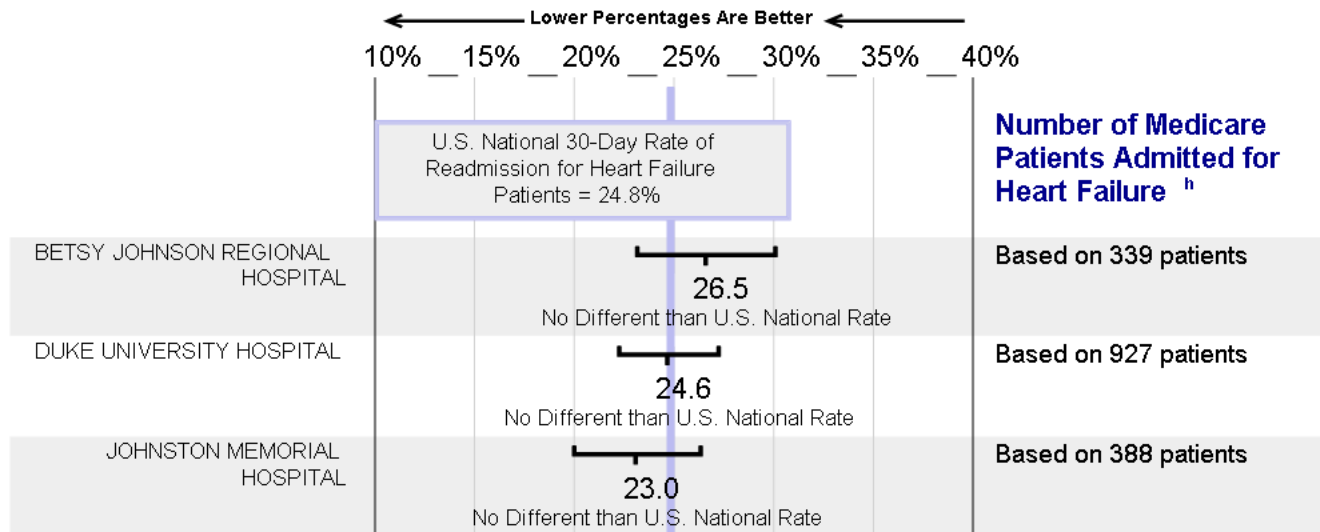
**Would patients recommend the hospital to friends and family?**





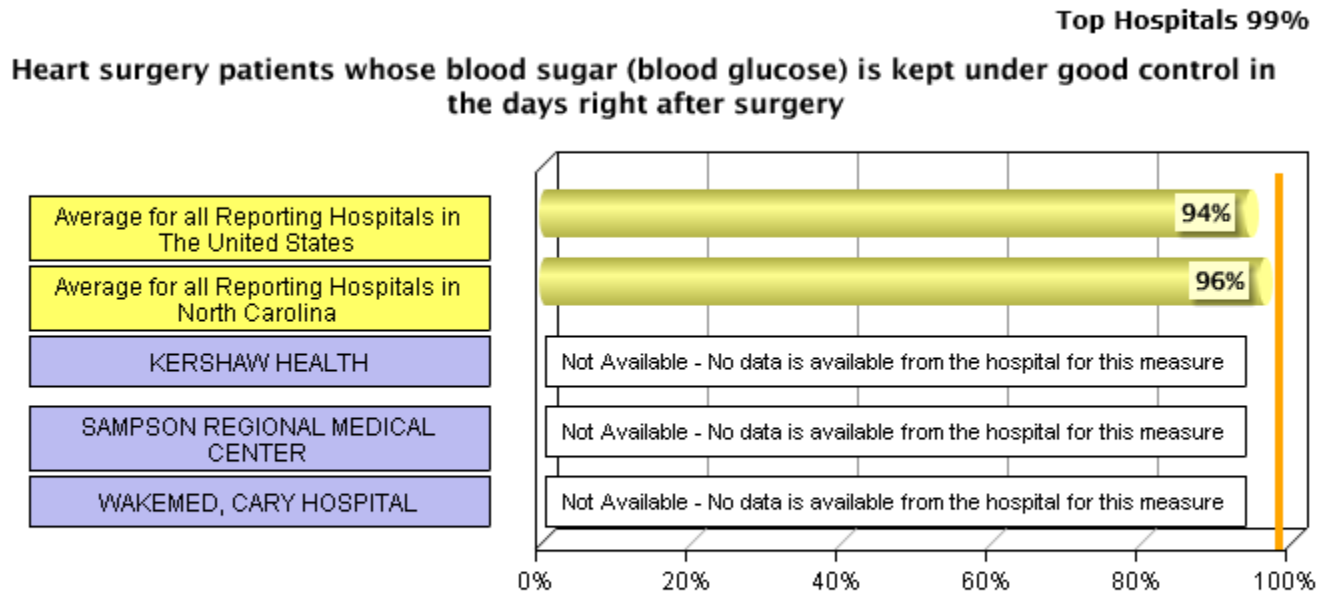
If patients are readmitted is that the hospital issue or does it say something about the supporting community?

### Rate of Readmission for Heart Failure Patients



# Would you go somewhere with no reported data?

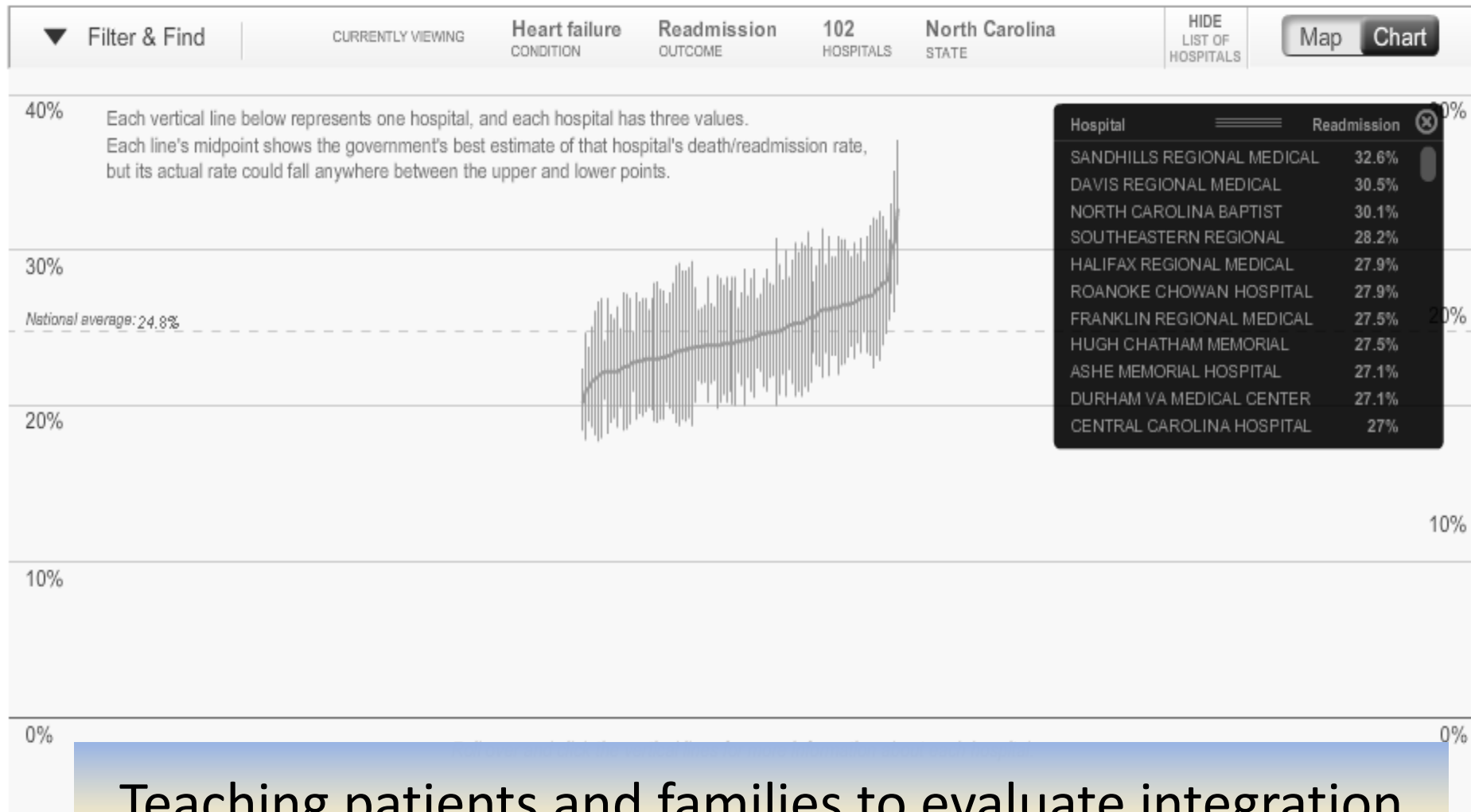
The rates displayed in this graph are from data reported for discharges January 2010 through December 2011



Top Hospitals represents the top 10% of hospitals nationwide. Top hospitals achieved a 99% rate or better.

# Compare hospitals on heart attack, heart failure and pneumonia

Check hospitals' death and readmission rates for heart attack, heart failure and pneumonia. Select a condition, outcome and state from the menus.



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PATIENT-CENTERED PRIMARY CARE:  
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**AND QUALITY**

**Guiding Principles**

Patient-Centered  
Data Driven Decision Making  
Standardization  
Practice at Highest Level of  
Clinical License

**Sentara Medical Group  
Care Model**

**Aim**

Improve the health of our patients  
Deliver clinical and service excellence  
that is cost effective and promotes an  
optimal experience for all.

**Patient-Centered Medical Homes  
Primary Care Teams**

- Standardization of patient experience
- Same Day Appointments
- 7 day hospital follow up
- EMR
- Patient EMR Portal
- Evidenced based guidelines
- Best practice alerts

**Care Management  
RN/Social Worker/Pharm D**

- Hospital follow up
- Transitional contact after facility care
- Disease Management
- High Risk population management
- Managing psychosocial barriers
- Behavioral Health Integration
- Utilization analysis
- Coding optimization

**Population Management  
RN/ LPN/MA/Secretaries**

- Preventive Care Telephonic Outreach
- Preventive Care and Screening Registries
- Health Maintenance review
- Chronic Disease Registries
- At Risk and Full Risk Patient populations with Payers



**Integration between PCP, Specialty and  
Community Partners  
Specialists/PCPs/Hospitalists/CSB/Community  
Health Centers**

- Clinically Integrated Network with community providers
- Hospitalists and PCP communication
- Specialist and PCP care agreements
- Health Plan collaborations

Supporting programs: Leadership and Professional Development, Safety and Regulatory, Quality Committee, IT and Analytics, Health System

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# DIY Medical Home Transformation

SUZANNE BERMAN, MD, FAAP

# Transformation takes time



No consultant  
can come in  
and do an  
“instant  
makeover” to  
PCMH-ify your  
practice.





# Assemble your team

## Team Leads:

- ▶ **Project manager (lead):** to assign, track, and check pieces for completion. Needs to 1) be OCD and 2) have nag power.
- ▶ **Provider (lead)**– to write/approve the clinical decision-making pieces, to provide input for clinical protocols, and to champion provider workflow changes
- ▶ **Administrator (lead)** – to write/approve policies and procedures (clinical and nonclinical) and to champion front desk, clinical staff, and back office workflow changes.

# Assemble your team

## Team Supports:

- ▶ **Nonclinical and clinical staff (support)** – to provide feedback on current practices and proposed changes
- ▶ **Patient/parent representatives (support)** – to provide feedback on current practices and proposed changes
- ▶ **Computer geek (support)** – to prepare and analyze data for reporting. Needs familiarity with Excel, screen captures, PDF creation, etc.
- ▶ **Wordsmith (support)** – to proofread others' materials; to draft protocols and/or find good ones to borrow on the Internet.

# Assemble your tools

- ▶ **Web-based project management tool**
  - ▶ Dividing projects up into smaller tasks
  - ▶ Assigning people to tasks
  - ▶ Letting team members provide status reports
  - ▶ Collaborative document writing
  - ▶ Scheduling meetings and deadlines
  - ▶ Sending reminders
- ▶ **Spreadsheet software**
- ▶ **Screen capture and screen capture editor** – essential for documentation of computer-based workflow

# Protected time

- ▶ Non-administrators **MUST** have protected time to work on transformation.
- ▶ Even if they have some “interstitial downtime,” most staff have difficulty working on transformation in 5- and 10-minute pieces.
- ▶ If you want transformation to be a priority, schedule (paid) blocks of time for each staff member to work on their pieces.
- ▶ To prevent “playing” during protected time, use very short deadlines with frequent small deliverables; make it an active meeting/discussion with the transformation leader, rather than a self-paced activity.



# Getting started is the hardest part

PICKING THE FIRST PROCESS TO IMPROVE CAN BE  
OVERWHELMING!

# Your first change: choose something with \$\$\$

## benefit

- ▶ **Huddles:** reduce overtime
- ▶ **Better lab, x-ray, and referral tracking:** reduce overtime
- ▶ **Recall:** more remunerative schedule saturation
- ▶ **Same day appointments:** fewer no-shows
- ▶ **Team engagement:** better employee morale and lower turnover

# Your second change: what bugs you?

- ▶ Find a common annoyance in your practice that all staff can rally around
  - ▶ Taming the telephone or fax?
  - ▶ Message tracking?
  - ▶ Patient wait times?
- ▶ Avoid “picking on” one department

# Other longer-term or more expensive transformations: do later

- ▶ Extending evening/weekend hours
- ▶ Hiring, training, and implementing a care coordinator
- ▶ Formal comanagement agreements
- ▶ Hospital and ER tracking/coordination
- ▶ Empanelment matching
- ▶ Culturally and linguistically appropriate teaching



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# **Integrating Behavioral Health with PCMH Practices: An overview of Why, What, How**

**C. J. Peek, PhD**

Professor, Dept. of Family Medicine and Community Health  
University of Minnesota Medical School  
[cjpeek@umn.edu](mailto:cjpeek@umn.edu)

Patient Centered Primary Care Collaborative (PCPCC)

Panel: Medical Home DIY--Self-Guided Practice Transformation

November 13, 2014      Washington, DC

# Why should BH be part of the PCMH?

## PCPCC slide decks

<http://www.pcpcc.org/resource/behavioral-health-integration-pcmh>

	<b>PCPCC slide contents</b>
Prevalence and burden	Prevalence of BH, burden of illness, primary care as de-factor MH system, behavioral factors in medical illnesses
Unmet needs	Untreated persons, challenge of access; problems of separate and parallel systems
Cost	Increased health cost with BH co-occurrence; lower cost when BH treated—ROI; increased employee costs
Outcomes	Improved MH outcomes; improved physical health outcomes
Experience	Improved patient and provider satisfaction



# A legacy of separate and parallel systems

**Medical Care**

**Mental Health Care**

**A forced choice between:**

- 2 kinds of problems
- 2 kinds of clinicians
- 2 kinds of clinics
- 2 kinds of treatments
- 2 kinds of insurance

Integrated behavioral health leads to a better match of clinical services to the realities that patients and their clinicians face daily.

Original Source: CJ Peek 1996



# What is integrated BH?

## AHRQ Lexicon functional definition

***“What”***: (An ordinary two-sentence definition)

***“How” functions***:

1. A practice team tailored to the needs of each patient and situation (3 sub-clauses)
2. With a shared population and mission
3. Using a systematic clinical approach (6 sub-clauses)

***“Supported by” functions***:

4. Supported by 1) reliable office processes, 2) leadership alignment, and 3) sustainable business model
5. Ongoing QI and measurement of effectiveness (2 sub-clauses)
6. With a community or population expecting that BH and PC will be appropriately integrated as a standard of care





# Example—plain old glossary (AHRQ 2013)

**Illustration: A family tree of related terms used in behavioral health and primary care integration**  
See glossary for details and additional definitions

## Integrated Care

Tightly integrated, on-site teamwork with unified care plan as a standard approach to care for designated populations. Connotes organizational integration involving social & other services. “Altitudes” of integration: 1) Integrated treatments, 2) integrated program structure; 3) integrated system of programs, and 4) integrated payments. (Based on SAMHSA)

## Patient-Centered Care

“The experience (to the extent the informed, individual patient desires it) of transparency, individualization, recognition, respect, dignity, and choice in all matters, without exception, related to one’s person, circumstances, and relationships in health care”—or “nothing about me without me” (Berwick, 2011).

## Coordinated Care

The organization of patient care activities between two or more participants (including the patient) involved in care, to facilitate appropriate delivery of healthcare services. Organizing care involves the marshalling of personnel and other resources needed to carry out required care activities, and often managed by the exchange of information among participants responsible for different aspects of care” (AHRQ, 2007).

## Shared Care

Predominately Canadian usage—PC & MH professionals (typically psychiatrists) working together in shared system and record, maintaining 1 treatment plan addressing all patient health needs. (Kates et al, 1996; Kelly et al, 2011)

## Collaborative Care

A general term for ongoing working relationships between clinicians, rather than a specific product or service (Doherty, McDaniel & Baird, 1996). Providers combine perspectives and skills to understand and identify problems and treatments, continually revising as needed to hit goals, e.g. in collaborative care of depression (Unützer et al, 2002)

## Co-located Care

BH and PC providers (i.e. physicians, NP’s) delivering care in same practice. This denotes shared space to one extent or another, not a specific service or kind of collaboration. (adapted from Blount, 2003)

## Integrated Primary Care or Primary Care Behavioral Health

Combines medical & BH services for problems patients bring to primary care, including stress-linked physical symptoms, health behaviors, MH or SA disorders. For any problem, they have come to the right place—“no wrong door” (Blount). BH professional used as a consultant to PC colleagues (Sabin & Borus, 2009; Haas & deGruy, 2004; Robinson & Reiter, 2007; Hunter et al, 2009).

## Behavioral Health Care

An umbrella term for care that addresses any behavioral problems bearing on health, including MH and SA conditions, stress-linked physical symptoms, patient activation and health behaviors. The job of all kinds of care settings, and done by clinicians and health coaches of various disciplines or training.

## Patient-Centered Medical Home

An approach to comprehensive primary care for children, youth and adults—a setting that facilitates partnerships between patients and their personal physicians, and when appropriate, the patient’s family. Emphasizes care of populations, team care, whole person care—including behavioral health, care coordination, information tools and business models needed to sustain the work. The goal is health, patient experience, and reduced cost. (Joint Principles of PCMH, 2007).

## Mental Health Care

Care to help people with mental illnesses (or at risk)—to suffer less emotional pain and disability—and live healthier, longer, more productive lives. Done by a variety of caregivers in diverse public and private settings such as specialty MH, general medical, human services, and voluntary support networks. (Adapted from SAMHSA)

## Substance Abuse Care

Services, treatments, and supports to help people with addictions and substance abuse problems suffer less emotional pain, family and vocational disturbance, physical risks—and live healthier, longer, more productive lives. Done in specialty SA, general medical, human services, voluntary support networks, e.g. 12-step programs and peer counselors. (Adapted from SAMHSA)

## Primary Care

Primary care is the provision of integrated, accessible health care services by clinicians who are accountable for addressing a large majority of personal health care needs, developing a sustained partnership with patients, and practicing in the context of family and community. (Institute of Medicine, 1994)

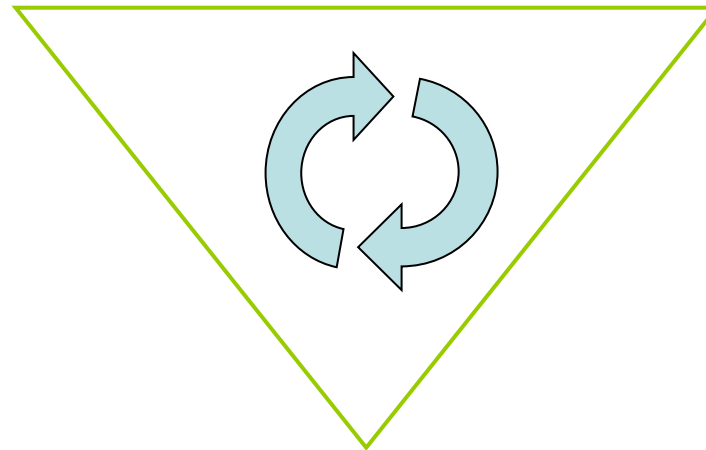
Thanks to Benjamin Miller and Jürgen Unützer for advice on organizing this illustration

# Scope of Integrated BH

## Condition-Centered and Person-Centered

### Integrated care for MH conditions

- Depress / anxiety
- Substance abuse
- ADHD
- Other



### Integrated care for Medical conditions

- Diabetes / BP / obesity
- Heart disease
- Childhood chronic illness
- Stress-linked phys sx

CJ Peek & Mac Baird, 2010;  
PCPCC 2014

### Integrated care for Persons: Social and care complexity

- Distress, distraction & readiness to engage in care
- Social safety, support & participation
- Understanding own health situation / health literacy
- Health behavior change
- Organization of care / relationships in health system



# Questions to ask early on with your consultant “hat” on

**Who is your population**—who do you serve? What are the BH aspect of their needs? How well are those needs met?

One way to get at that:

“Who feels what kind of pain when it comes to the BH aspect of doing your job in your PCMH?”

**What initial target for BH integration to start with?**

Significant to the practice; can actually get it going

**What financial arrangement at first?** What payment or business models will you use to stay in business at first?

See this panel’s Berman and Carver presentations!





# Only a *sample* of resources for action

AHRQ Integration Academy  
[integrationacademy.ahrq.gov](http://integrationacademy.ahrq.gov)

Lit repository; lexicon (definitions); Atlas of integration measures; soon on-line community, “playbook”

Center for Integrated Health Solutions (CIHS)  
[www.integration.samhsa.gov](http://www.integration.samhsa.gov)

Frameworks and models; guides and articles on financing, workforce, clinical, administrative

AIMS Center—Advancing Innovative MH Solutions; U of Washington; [aims.uw.edu](http://aims.uw.edu)

Implementation guides, resource library, research; pieces on teams, roles, workflows, financing, examples

PCPCC Behavioral Health SIG  
[pcpcc.org/resource/behavioral-health-integration-pcmh](http://pcpcc.org/resource/behavioral-health-integration-pcmh)

Slide decks; monthly phone calls or presentations on topics suggested by members

Center for Integrated Primary Care.  
[www.umassmed.edu/cipc/](http://www.umassmed.edu/cipc/)

Training, literature, websites, reports, videos,

Collaborative Family Healthcare Association: [www.cfha.net](http://www.cfha.net)

Membership organization, journal, conferences, webinars, listserv, blog

# References

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- AIMS Center (Advancing Innovative Mental Health Solutions), Univ of WA. [aims.uw.edu](http://aims.uw.edu)
- Center for Integrated Primary Care: <http://www.umassmed.edu/cipc/>
- Collaborative Family Healthcare Association: [www.cfha.net](http://www.cfha.net)
- Evolving Models of Behavioral Health Integration in primary Care. Milbank Memorial Fund 2010. <http://www.milbank.org>
- Peek & National Integration Academy Council. Lexicon for Behavioral Health and Primary Care Integration. AHRQ 2013: [integrationacademy.ahrq.gov/sites/default/files/Lexicon.pdf](http://integrationacademy.ahrq.gov/sites/default/files/Lexicon.pdf)
- National Alliance on Mental Illness. Integrating Mental Health & Pediatric Primary Care Resource Center: <http://www.nami.org>
- SAMHSA/HRSA Center for Integrated Health Solutions: <http://www.integration.samhsa.gov>
- Kathol, R., deGruy, F., & Rollman, B. (2014). Value-based financially sustainable behavioral health components in patient-centered medical homes. *Annals of Fam Med* Vol 12, No. 2.
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# Medical Home DIY! Self-Guided Practice Transformation

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PATIENT-CENTERED PRIMARY CARE:  
**AT THE HEART**  
**OF VALUE**   
**AND QUALITY**