





Perioperative Medicine Summit Perioperative Medicine Summit Evidence Based Perioperative Medical Care



Perioperative Medicine Summit Evidence Based Perioperative Medical Care



Perioperative Medicine Summit Evidence Based Perioperative Medical Care

# Creating an Epidemic of Exceptional Value In Healthcare

Bob Pendleton, MD FACP Professor of Medicine **Chief Medical Quality Officer** University of Utah Healthcare



Franklin Michota Sept 7, 1967 - June 6, 2015

# CONNECTOR

A person with an innate ability to link people, ideas, and resources in a way that catalyzes transformative change.

# Objectives

 Gain an appreciation for the forces of healthcare transformation & the goal of delivering exceptional value:

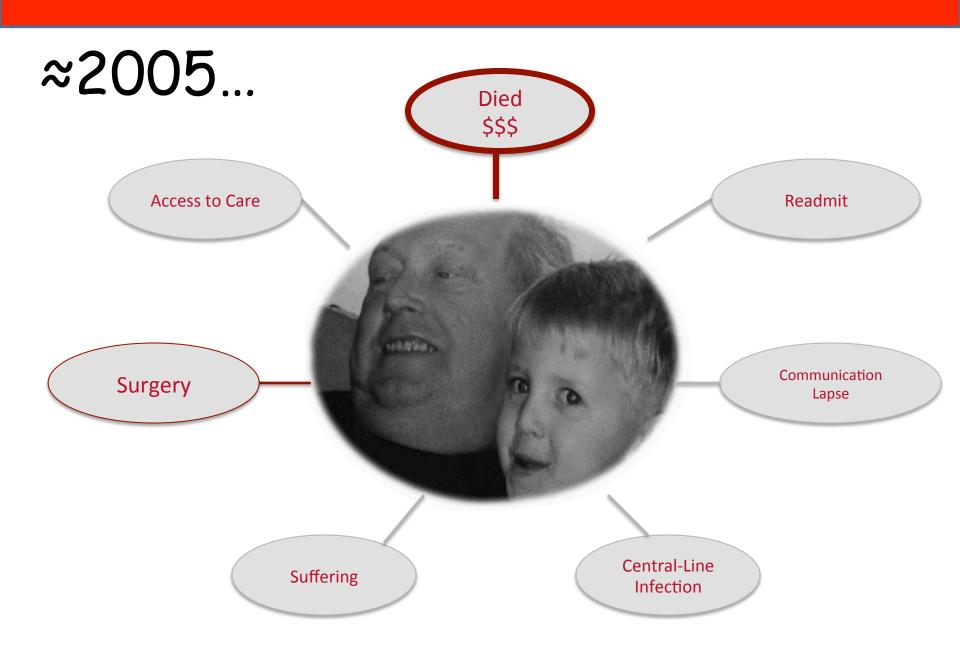
#### **Better outcomes at Lower costs**

- Create a vision of exceptional value that is centered on the voice of the patient, use of meaningful measurement, and longitudinal clinical care teams
- Translate this vision to innovative approaches in perioperative care



≈1905...





# Two separate but related imperatives are Driving Reform

### **PUBLIC IMPERATIVE**

Government facing fiscal challenges

### PRIVATE IMPERATIVE

Employers/Employees Facing Escalating Costs

Age of consumer technology

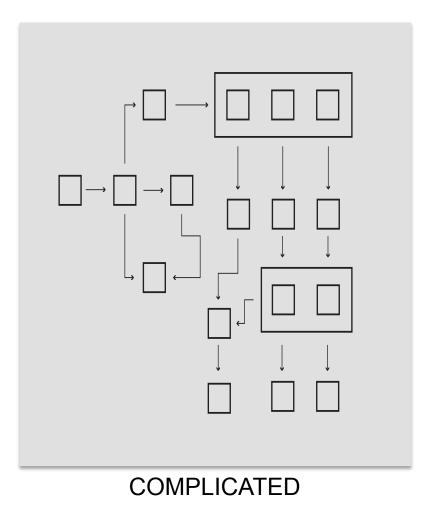
- Quality & safety reform efforts
- Affordable Care Act
- Alternative Payment Models
- Provider Payment Reform

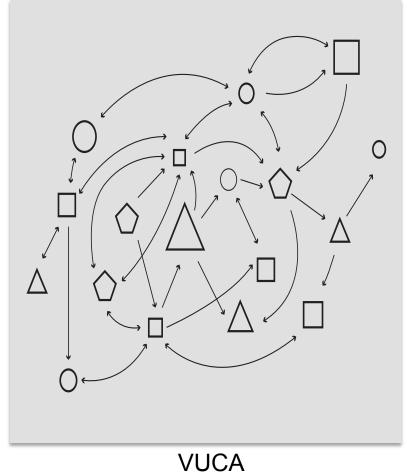
- Move to defined contribution
- High deductible health plans
- Consumerism

"More than at any other time in history, mankind (healthcare) is at a crossroads. One path leads to despair and utter hopelessness, the other to total extinction. Let's hope we have the wisdom to choose correctly."

- Woody Allen

### BIG IDEA: In a VUCA world, clarity & vision are vital







Competition that is based on the best health outcomes at lower costs

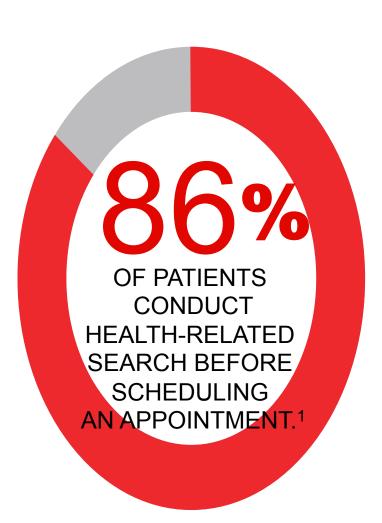
Vision to action: The 3 Interconnected Revolutions...

# PATIENT VOLUME EPISODE POPULATION

### BIG IDEA: The voice of the person receiving healthcare



### INFORMED PRIOR TO BEING SEEN ...

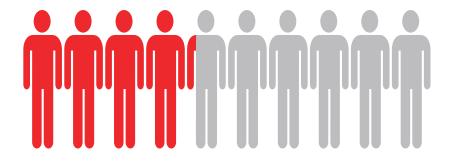




**MORE THAN** 

33%

OF AMERICANS USE SOCIAL MEDIA TO RESEARCH HEALTH CONDITIONS.<sup>1</sup>



41%

SAY SOCIAL MEDIA

MPACTS THEIR CHOICE OF
HEALTHCARE PROVIDERS.1

### www.healthcare.utah.edu

Robert C. Pendleton, M.D., B.Sc.(Hons), FACP

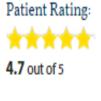












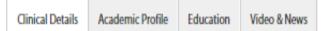
38 Patient Ratings 1 Patient Comments



#### Specialties

- Internal Medicine, General
- Hospitalist





The Patient Rating score is an average of all responses to care provider related questions on our nationallyrecognized Press Ganey Patient Satisfaction Survey.

Learn About Our Survey

Responses are measured on a scale of 1 to 5 with 5 being the best score.

Likelihood of recommending care provider

4.6

My confidence in care provider

Time care provider spent with me

Care provider spoke using clear language

\*\*\*\*

Care provider's effort to include me in decisions

\*\*\*\*

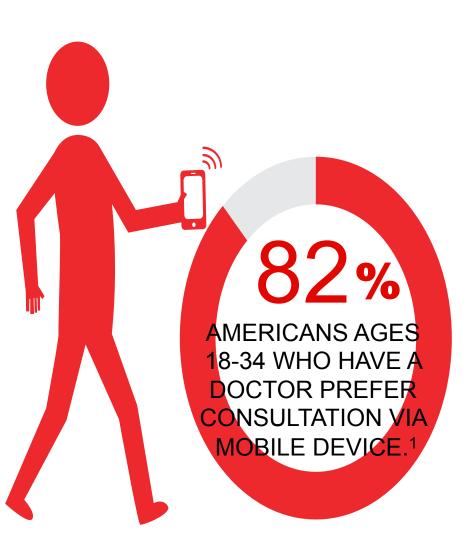
Care provider's concern for questions & worries

Care provider's explanation of condition/problem

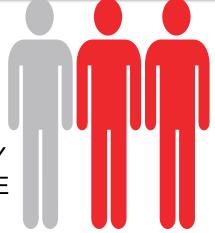
Wait time at clinic

Care provider's friendliness and courtesy

### DIGITALLY CONNECTED...



2 OF 3
FIND PORTALS A
CONVENIENT WAY
TO COMMUNICATE
WITH DOCTORS.3





1. Mdlive.com/new/press 05142014b.html

2. Alegohealth.com/mhealthh-stats-mobile-apps-devices-solutions/

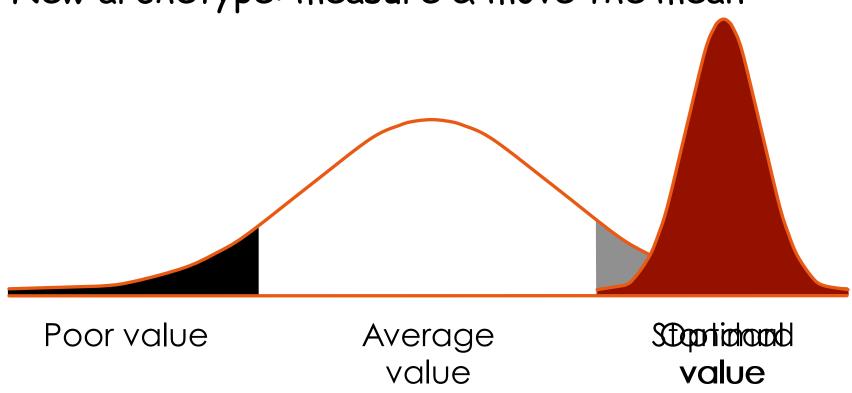
Vision to action: The 3 Interconnected Revolutions...

# PATIENT VOLUME EPISODE POPULATION

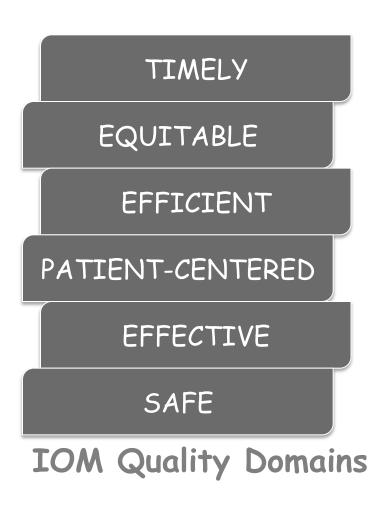
### **BIG IDEA: Patient level MEASUREMENT**

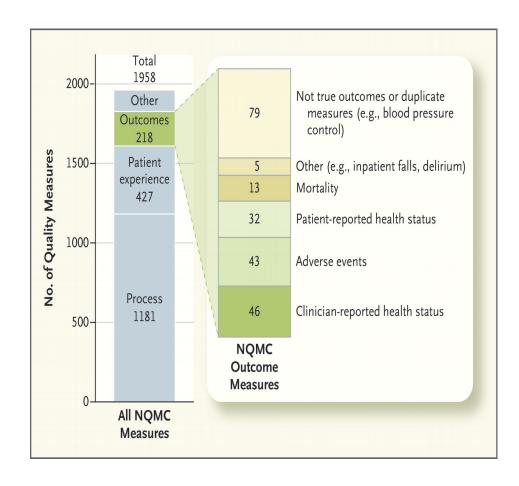


- Historical paradigm: quality assurance
- · New archetype: measure & move the mean

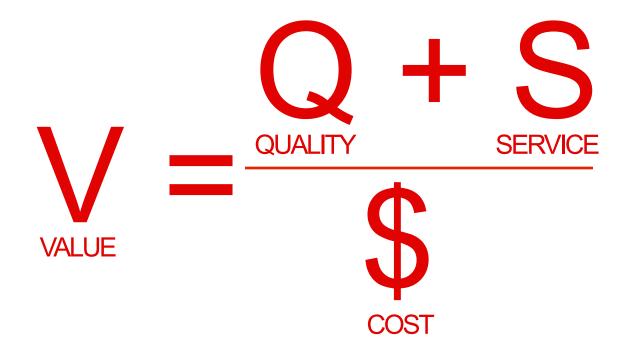


# We manage what we measure...





## Value, a Ratio...



# Unit of Measurement Matters...

Individual
Patient
Value

Physician Value

Clinical Condition
Quality

Clinical Condition Value

**Hospital**Quality

**Hospital**Quality + Service

**Hospital** Value

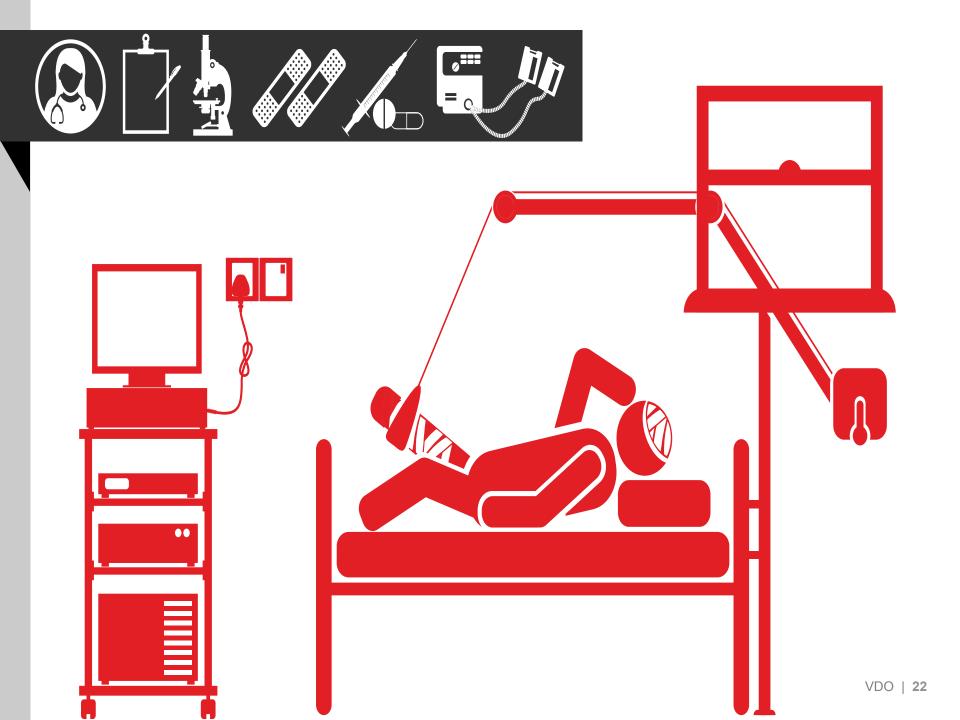
2005

2010

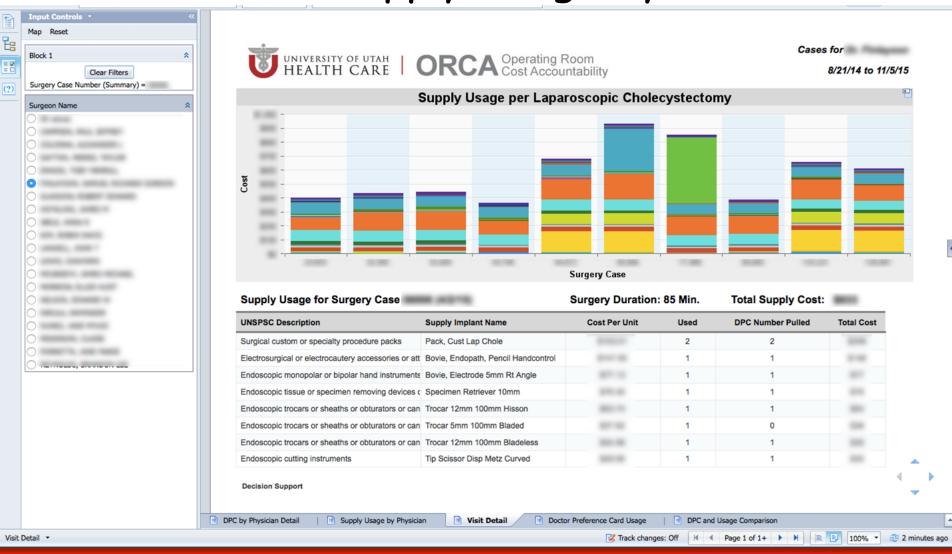
2014

**TODAY** 

2020+



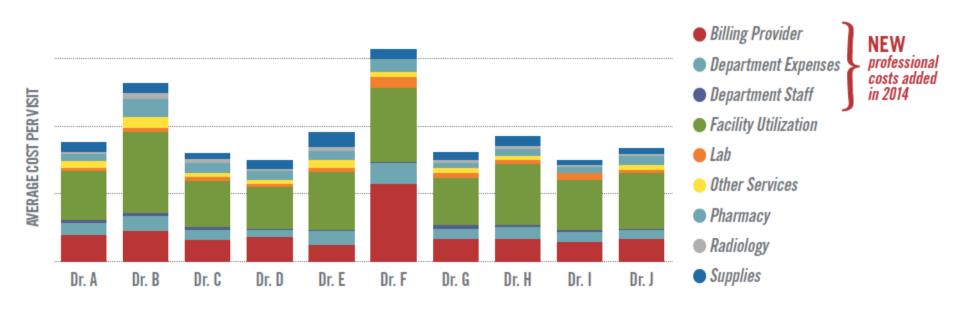
# UUHC Value Driven Outcomes: ORCA: Supply Usage by Case



### UUHC Value Driven Outcomes: Total Direct Cost Per Case

Value-Driven Outcomes (VDO) Report

DRG 470 — Major joint replacement of the lower extremity

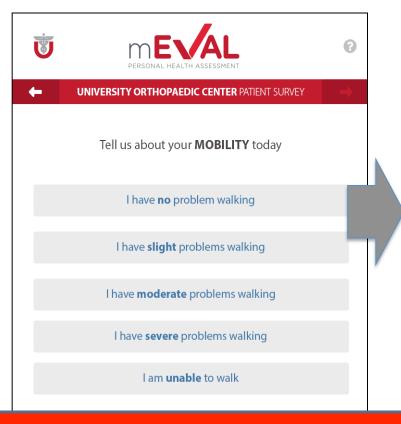


Source: Average hospital cost per visit, Discharges 2012–2014

# Patient Reported Outcomes

The ultimate measure by which to judge the quality of a medical effort is whether it helps patients (and their families) as they see it. Anything done in health care that does not help a patient or family is, by definition, waste, whether or not the professions and their associations traditionally hallow it.

(Berwick 1997)



Appointment Time	MRN	Name	Visit Number	Assessment Status	Completed Online?	Patient Handout
8:00 AM	<u>12114559</u>	MERRILL, YVONNE	198334399	Not Started	No	<u>12114559</u>
8:00 AM	20734464	PUIG, ERIC	198329372	Completed	No	20734464
8:30 AM	<u>17280785</u>	CLAYTON-LEE, CASEY	197888508	Completed	No	<u>17280785</u>
8:45 AM	<u>16289399</u>	BEARNSON, JENNIFER	197993781	Completed	No	16289399
9:00 AM	<u>19508670</u>	WAMSLEY, MADELINE	198307351	Completed	No	<u>19508670</u>
9:00 AM	20563961	MAXWELL, LAWRENCE	197974909	Completed	No	20563961
9:15 AM	02888394	STARR, COLLEEN	194649525	Completed	No	02888394
9:45 AM	02553055	FERGUSON, HELEN	197625650	Completed	No	02553055
10:00 AM	<u>18276485</u>	MULSHINE, EILEEN	197219855	Completed	No	18276485
10:15 AM	00436758	ATHENS, JOHN	198049536	In Progress	No	00436758
10:30 AM	<u>09714635</u>	MECHAM, NICOLE	197692842	Not Started	No	09714635
10:30 AM	<u>11997160</u>	CLAYTON, JUDY	198738568	Not Started	No	<u>11997160</u>
11:15 AM	09702960	KOGIANES, AMY	197305255	Not Started	No	09702960
11:30 AM	09159336	BARTH, STEVE	198406594	Not Started	No	09159336
11·30 AM	20521965	STONE BIITH	107635036	Not Started	No	20521265

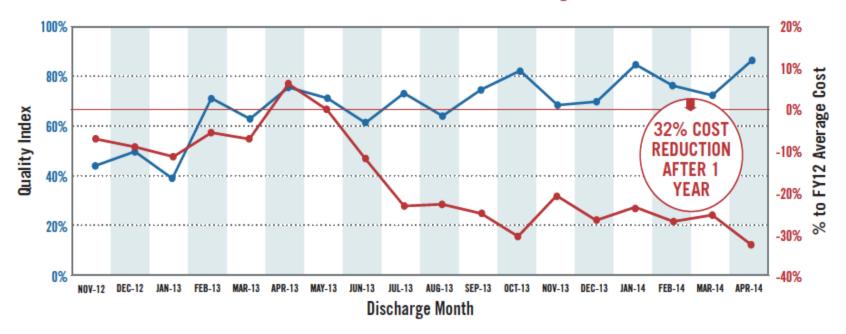
### Making VALUE Driven Decisions

#### VALUE-DRIVEN OUTCOMES IN TOTAL JOINT REPLACEMENT:

Higher quality drives lower cost

#### PERFECT CARE INDEX AND AVERAGE COST

Outcome: Perfect Care
 % to FY12 Average Cost



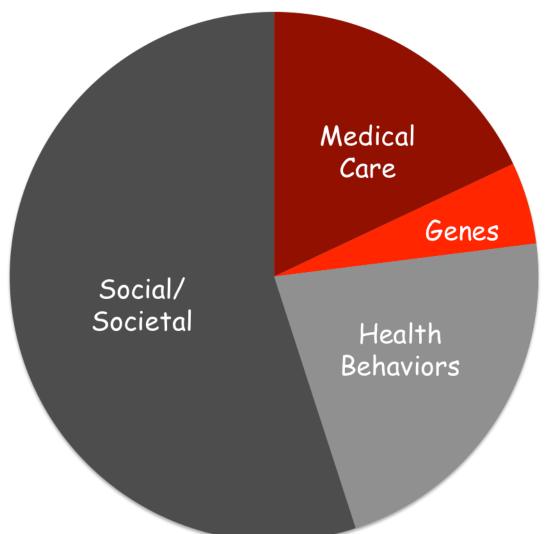
Quality Index: Percentage of all visits where selected care measure was met % to FY12 Average Cost: Ratio of that months avg. cost compared to baseline 2012 avg. cost Vision to action: The 3 Interconnected Revolutions...

# PATIENT VOLUME EPISODE POPULATION

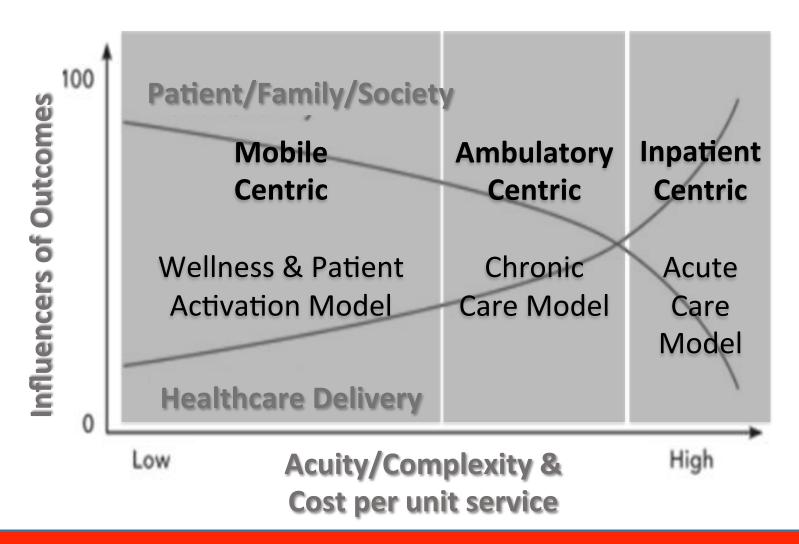
### **BIG IDEA: LONGITUDINAL Care TEAMS**



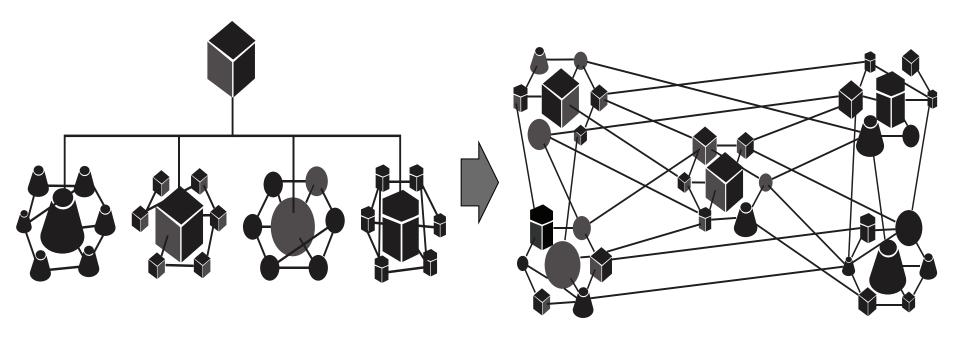
Population Health Influences...



# Integrating to Advance Health...



# Teams need to be organized around the patients value stream...



## 1. Teams organized around the patient and their needs

- Patients and population-based
- Market-facing presence
- Control over resources and required services

## 2. Integrated and coordinated care management

- Multidisciplinary care teams
- Expanded cycle of care
- Co-located space where possible

### 4. Financial integration

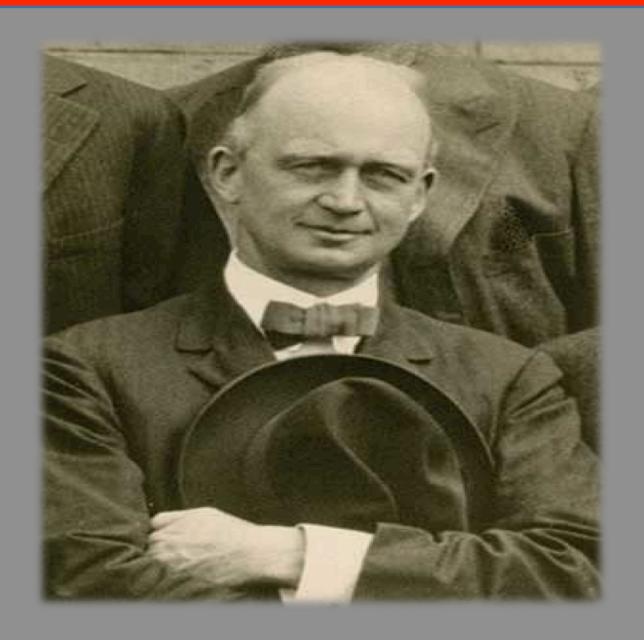
- A single bottom line for professional and facility
- Incentives aligned with system success

### Singular and accountable governance

- Physicians and facilities
- Decision rights & accountability as close as possible to care delivery
- Measure of success is health outcomes and cost across a full care cycle

### FRAMEWORK FOR EXCEPTIONAL VALUE...





### Dr. Bob Pendleton MD FACP

Professor of Medicine Chief Medical Quality Officer University of Utah Healthcare

Robert.pendleton@hsc.utah.edu

Twitter: @bobpmd

http://healthsciences.utah.edu/valueuniversity/index.php