## Value-Based Health Care Delivery

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Medical Care and the Corporation September 29, 2010

This presentation draws on Redefining Health Care: Creating Value-Based Competition on Results (with Elizabeth O. Teisberg), Harvard Business School Press, May 2006; "A Strategy for Health Care Reform—Toward a Value-Based System," New England Journal of Medicine, June 3, 2009; "Value-Based Health Care Delivery," Annals of Surgery 248: 4, October 2008; "Defining and Introducing Value in Healthcare," Institute of Medicine Annual Meeting, 2007. Additional information about these ideas, as well as case studies, can be found the Institute for Strategy & Competitiveness Redefining Health Care website at http://www.hbs.edu/rhc/index.html. No part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form or by any means — electronic, mechanical, photocopying, recording, or otherwise — without the permission of Michael E. Porter and Elizabeth O.Teisberg.

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## **Redefining Health Care Delivery**

- Achieving universal coverage and access to care are essential, but not enough
- The core issue in health care is the value of health care delivered

Value: Patient health outcomes per dollar spent



- How to design a health care system that dramatically improves patient value
  - Ownership of entities is secondary (e.g. non-profit vs. for profit vs. government)
- How to construct a dynamic system that keeps rapidly improving

## Creating a Value-Based Health Care System

 Significant improvement in value will require fundamental restructuring of health care delivery, not incremental improvements

Today, 21<sup>st</sup> century medical technology is often delivered with 19<sup>th</sup> century organization structures, management practices, and payment models

- Process improvements, safety initiatives, disease management and other overlays to the current structure are beneficial, but not sufficient
- Consumers alone cannot fix the dysfunctional structure of the current system

## **Creating Competition on Value**

- Competition and choice for patients/subscribers are powerful forces to encourage restructuring of care and continuous improvement in value
- Today's competition in health care is often not aligned with value

Financial success of system participants

Patient success



 Creating positive-sum competition on value is a central challenge in health care reform in every country

## **Principles of Value-Based Health Care Delivery**

The central goal in health care must be **value for patients**, not access, volume, convenience, or cost containment

Value = Health outcomes

Costs of delivering the outcomes

- Outcomes are the full set of patient health outcomes over the care cycle
- Costs are the total costs of care for the patient's condition over the care cycle



How to design a health care system that dramatically improves patient value

## **Principles of Value-Based Health Care Delivery**

Quality improvement is the key driver of cost containment and value improvement, where quality is health outcomes

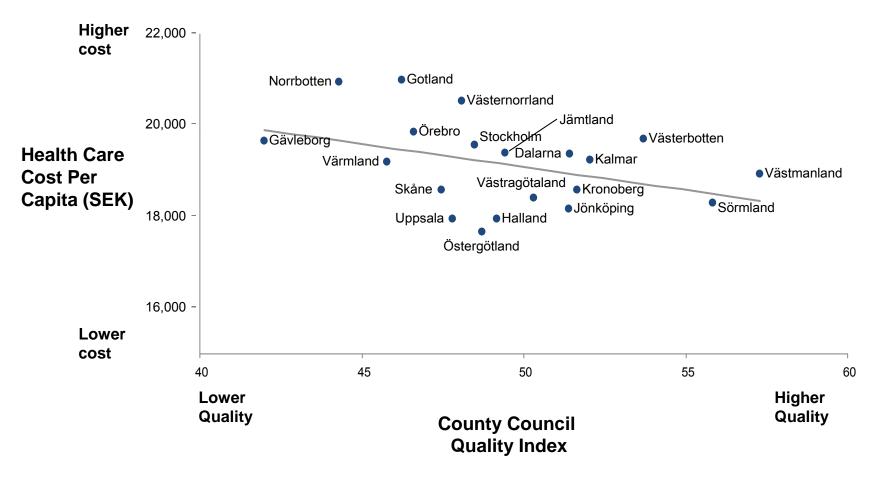
- Prevention of illness and recurrences
- Early detection
- Right diagnosis
- Right treatment to the right patient
- Early and timely treatment
- Treatment earlier in the causal chain of disease
- Rapid cycle time of diagnosis and treatment
- Less invasive treatment methods

- Fewer complications
- Fewer mistakes and repeats in treatment
- Faster recovery
- More complete recovery
- Less disability
- Fewer relapses, flare ups, or acute episodes
- Slower disease progression
- Less need for long term care
- Less care induced illness



- Better health is the goal, not more treatment
- Better health is inherently less expensive than poor health

# Cost versus Quality, Sweden Health Care Spending by County, 2008



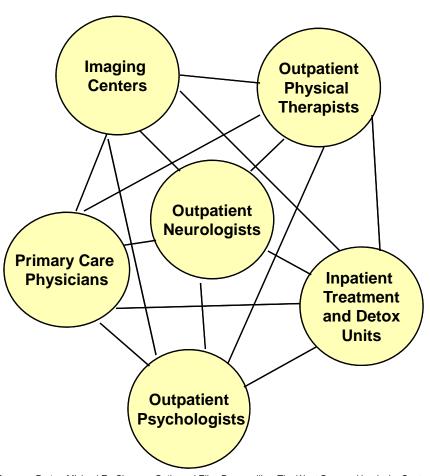
Note: Cost including; primary care, specialized somatic care, specialized psychiatry care, other medical care, political health- and medical care activities, other subsidies (e.g. drugs) Source: Öpnna jämförelser, Socialstyrelsen 2008; Sjukvårdsdata i fokus 2008; BCG analysis

# Creating a Value-Based Health Care Delivery System <u>The Strategic Agenda</u>

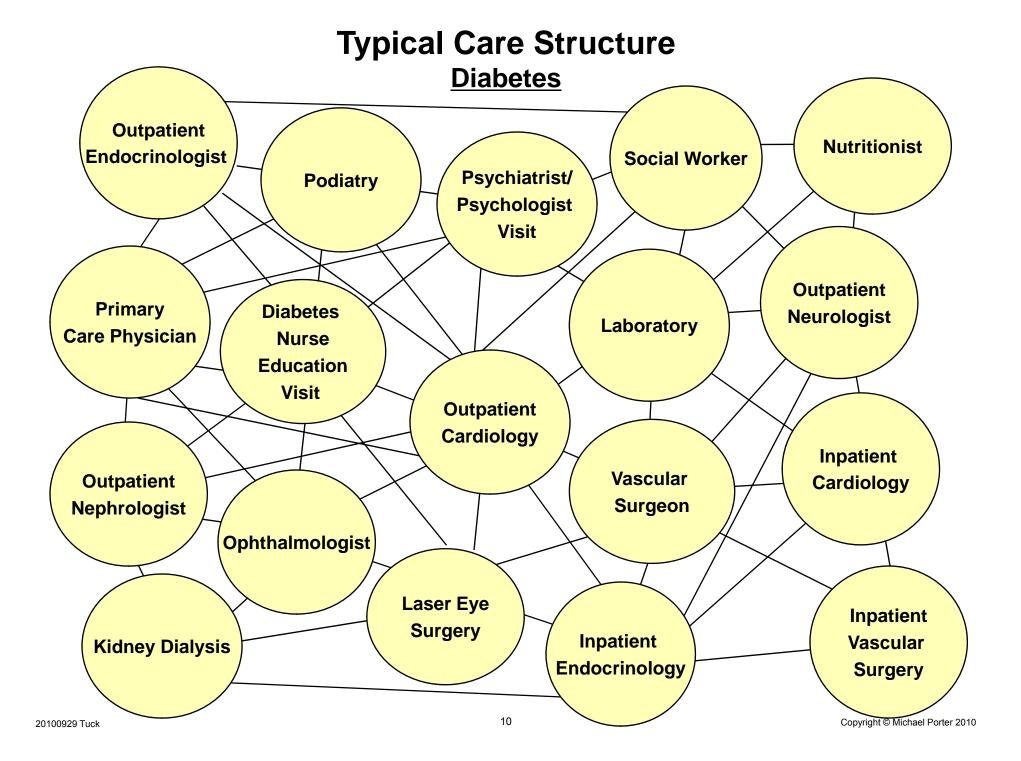
- 1. Organize into Integrated Practice Units (IPUs) Around Patient Medical Conditions
  - Organize primary and preventive care to serve distinct patient populations
- 2. Establish Universal Measurement of Outcomes and Cost for Every Patient
- 3. Move to Bundled Prices for Care Cycles
- 4. Integrate Care Delivery Across Separate Facilities
- 5. Expand Excellent IPUs Across Geography
- 6. Create an Enabling Information Technology Platform

## 1. Organize Around Patient Medical Conditions <u>Migraine Care in Germany</u>

# **Existing Model:**Organize by Specialty and Discrete Services



Source: Porter, Michael E., Clemens Guth, and Elisa Dannemiller, The West German Headache Center: Integrated Migraine Care, Harvard Business School Case 9-707-559, September 13, 2007



## 1. Organize Around Patient Medical Conditions <u>Migraine Care in Germany</u>

#### **Existing Model: New Model:** Organize by Specialty and **Organize into Integrated Practice Units (IPUs) Discrete Services Affiliated Imaging Outpatient Imaging Unit Centers Physical Therapists** West German Essen **Headache Center Outpatient Primary** Univ. **Neurologists Neurologists** Care Hospital **Psychologists Physicians Inpatient Physical Therapists Primary Care** Unit Day Hospital Inpatient **Physicians Treatment** and Detox Units **Outpatient** Affiliated "Network" **Psychologists Neurologists**

Source: Porter, Michael E., Clemens Guth, and Elisa Dannemiller, The West German Headache Center: Integrated Migraine Care, Harvard Business School Case 9-707-559, September 13, 2007

## Integrating Across the Cycle of Care <u>Breast Cancer</u>

INFORMING AND ENGAGING MEASURING	Advice on self screening     Consultations on risk factors      Self exams     Mammograms	Counseling patient and family on the diagnostic process and the diagnosis      Mammograms     Ultrasound     MRI	Explaining patient treatment options/shared decision making      Patient and family psychological counseling      Labs	Counseling on the treatment process  Education on managing side effects and avoiding complications of treatment  Achieving compliance  Procedure-specific measurements	Counseling on rehabilitation options, process Achieving compliance  Psychological counseling Range of movement Side effects	Counseling on long term risk management Achieving Compliance  MRI, CT Recurring
		Labs (CBC Blood chems, etc.)  Biopsy BRACA 1, 2 CT Bone Scans		measurement	mammograms (every six months for the first 3 years)	
ACCESSING	Office visits     Mammography lab visits	Office visits	Office visits	Hospital stays	Office visits	Office visits
	manning apriy as voice	•Lab visits	Hospital visits     Lab visits	Visits to outpatient radiation or chemotherapy units	Rehabilitation facility visits	Lab visits     Mammographic labs and
		High risk clinic visits		Pharmacy	■Pharmacy	imaging center visits
	MONITORING				RECOVERING/	j
	MONITORING/ PREVENTING	DIAGNOSING	PREPARING	INTERVENING	REHABING	MONITORING/MANAGING
		Medical history     Determining the specific nature of the disease (mammograms,	Choosing a treatment plan Surgery prep (anesthetic risk)	Surgery (breast preservation or mastectomy, oncoplastic alternative)	REHABING     In-hospital and outpatient wound healing     Treatment of side effects (e.g. skin damage,	Periodic mammography Other imaging
	PREVENTING     Medical history     Control of risk factors (obesity, high fat diet)	Medical history     Determining the specific nature of the disease (mammograms, pathology, biopsy results)	Choosing a treatment plan Surgery prep	•Surgery (breast preservation or mastectomy, oncoplastic	REHABING     In-hospital and outpatient wound healing     Treatment of side effects (e.g. skin damage, cardiac complications, nausea, lymphodema	Periodic mammography Other imaging Follow-up clinical exams
	PREVENTING     Medical history     Control of risk factors (obesity, high fat diet)     Genetic screening     Clinical exams	Medical history     Determining the specific nature of the disease (mammograms, pathology, biopsy	Choosing a treatment plan Surgery prep (anesthetic risk)	•Surgery (breast preservation or mastectomy, oncoplastic	REHABING     In-hospital and outpatient wound healing     Treatment of side effects (e.g. skin damage, cardiac complications,	Periodic mammography Other imaging Follow-up clinical
	PREVENTING     Medical history     Control of risk factors (obesity, high fat diet)     Genetic screening     Clinical exams	Medical history     Determining the specific nature of the disease (mammograms, pathology, biopsy results)     Genetic evaluation	Choosing a treatment plan Surgery prep (anesthetic risk assessment, EKG)  Plastic or onco-plastic surgery evaluation Neo-adjuvant	Surgery (breast preservation or mastectomy, oncoplastic alternative)  Adjuvant therapies (hormonal medication, radiation, and/or	REHABING     In-hospital and outpatient wound healing     Treatment of side effects (e.g. skin damage, cardiac complications, nausea, lymphodema	Periodic mammography Other imaging  Follow-up clinical exams Treatment for any continued or later onset side effects or

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# The Care Delivery Value Chain HIV/AIDS

INFORMING/ ENGAGING	Prevention counseling on modes of transmission and condom use	Explanation of diagnosis and the implications     Explaining the course of HIV and the prognosis	Explanation of the approach to forestalling progression	Explanation of Medication Instructions and Side-Effects	Counseling about adherence; understanding factors for non- adherence	Explanation of the co-morbid diagnoses and the implications     End-of Life Counseling
MEASURING	HIV testing     Screen for sexually transmitted infections     Collect baseline demographics	HIV testing for others at risk     Clinical examination CD4+     count and other labs     Testing for common co-     morbidities such as tuberculosis     and sexually transmitted     diseases     Pregnancy testing	CD4+ Count Monitoring (Continuous Staging) Regular Primary Care Assessment HIV Testing for Others at Risk Laboratory Evaluation for Medication Initiation	HIV Staging and Medication Response     Highly Frequency Primary Care Assessment     Assessing/Managing Complications of Therapy     HIV testing for others at risk (biannually)     Laboratory Evaluation	HIV Staging and Medication Response     Regular Primary Care Assessment     Laboratory Evaluation	HIV Staging and Medication Response     Regular Primary Care Assessment     Laboratory Evaluation
ACCESSING	Testing centers High risk settings Primary Care Clinics	Primary Care Clinics On-sight laboratories at Primary Care Clinics Testing Centers	Primary Care Clinics Laboratories (on-site at primary clinic) Pharmacy Food Centers Community Health Workers/ Home Visits Support Groups	Primary Care Clinics Laboratories (on-site at primary clinic) Pharmacy Community Health Workers/ Home Visits Support Groups	Primary Care Clinics Laboratories (on-site at primary clinic) Pharmacy Community Health Workers/ Home Visits Support Groups	HIV Staging and Medication Response     Regular Primary Care Assessment     Laboratory Evaluation     Food Centers      Primary Care Clinics (Labs on site)     Community Health Workers / Home Visits     Hospitals & Hospice Facilities     Support Groups
	SCREENING	DIAGNOSING/ STAGING	DELAYING PROGRESSION	INITIATING ANTIRETROVIRAL THERAPY	ONGOING DISEASE MANAGEMENT	MANAGEMENT OF CLINICAL DETERIORATION
	Connecting patients with primary care system     Identifying high risk individuals	Formal diagnosis and staging     Determine method of	Initiate therapies that can delay onset, including	Initiate comprehensive anti- retroviral therapy and assess	Managing effects of associated illnesses	Identifying clinical and laboratory deterioration



## What is Integrated Care?

### **Attributes of an Integrated Practice Unit (IPU):**

- 1. Organized around the patient's medical condition
- 2. Involves a **dedicated team** who devote a significant portion of their time to the condition
- 3. Where providers are part of a common organizational unit
- 4. Utilizing a single administrative and scheduling structure
- 5. Provides the **full cycle of care** for the condition
  - Encompasses inpatient, outpatient, and rehabilitative care as well as supporting services (e.g. nutrition, social work, behavioral health)
  - Includes patient education, engagement and follow-up
- 6. Co-located in dedicated facilities
- 7. With a physician team captain and a care manager who oversee each patient's care process
- 8. Where the team **meets formally and informally** on a regular basis
- And measures processes and outcomes as a team, not individually
- 10. And accepts joint accountability for outcomes and costs

## What is Not Integrated Care?

### Integrated care is **not** the same as:

- Co-location per se
- Care delivered by the same organization
- A multispecialty group practice
- Freestanding focused factories
- A clinical pathway
- An institute or center
- A Center of Excellence
- A health plan/provider system (e.g. Kaiser Permanente)
- Medical homes
- Accountable care organizations

## Integrated Cancer Care MD Anderson Head and Neck Center

Dedicated	Shared
Dedicated MDs  - 8 Medical Oncologists -12 Surgical Oncologists - 8 Radiation Oncologists - 5 Dentists - 1 Diagnostic Radiologist - 1 Pathologist - 4 Opthalmologists  Skilled Staff  -22 Nurses - 3 Social Workers - 4 Speech Pathologists - 1 Nutritionist - 1 Patient Advocate  Patient Access Center	-Endocrinologists -Other specialists as needed (cardiologists, plastic surgeons, etc.)  Skilled Staff -Dietician -Inpatient Nutritionists -Radiation Nutritionists -Smoking Cessation Counselors
Facilities	Shared Facilities (located nearby)
-Dedicated Outpatient Unit	-Radiation Therapy -Inpatient Wards -Pathology Lab →Medical Wards -Ambulatory Chemo Unit →Surgical Wards -ORs (grouped by needs)

Source: Jain, Sachin H. and Michael E. Porter, *The University of Texas MD Anderson Cancer Center: Interdisciplinary Cancer Care*, Harvard Business School Case 9-708-487, May 1, 2008

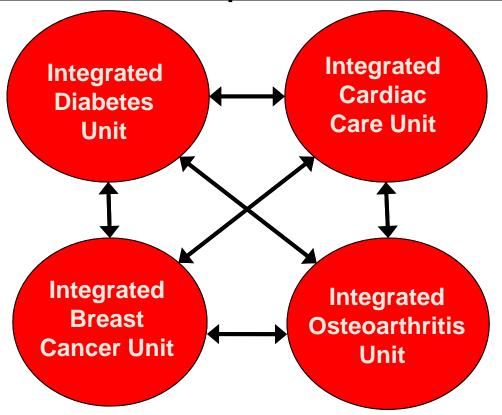
## **Integrated Models of Primary Care**

 Today's primary care is fragmented and attempts to address overly broad needs with limited resources



- Organize primary care around teams serving specific patient populations (e.g. healthy adults, frail elderly, type II diabetics) rather than attempting to be all things to all patients
- Deliver defined service bundles covering appropriate prevention, screening, diagnosis, wellness and health maintenance
- Provide services with multidisciplinary teams, including ancillary health professionals and support staff in dedicated facilities
- Form alliances with specialty IPUs covering the prevalent medical conditions represented in the patient population
- Deliver services not only in traditional settings but at the workplace, community organizations, schools, and in other locations that offer regular patient contact and the ability to develop a group culture of wellness

## Coordinating Care Across IPUs Patients with Multiple Medical Conditions

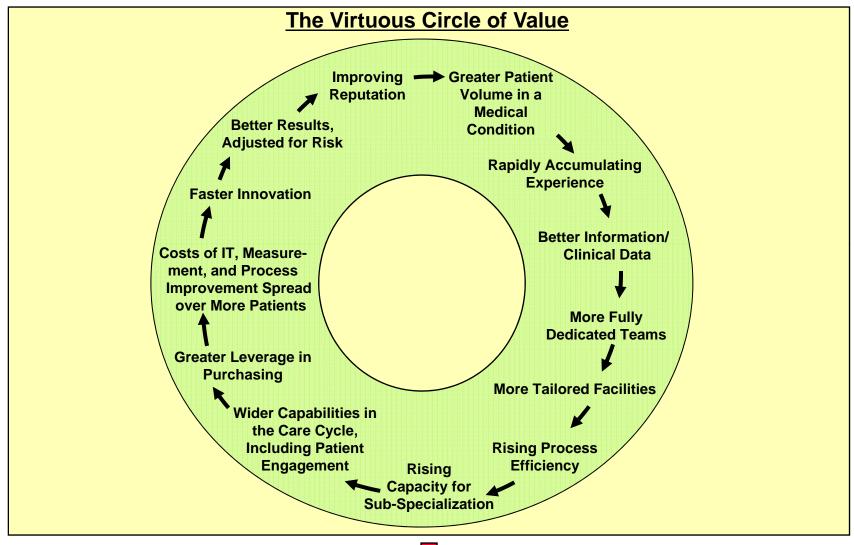


- The primary organizational structure for care delivery should be around the forms of integration required for every patient, or IPUs
  - The current system is organized around the exception, not the rule
- Overlay mechanisms should manage coordination across IPUs



 The IPU model will greatly simplify coordination of care for patients with multiple medical conditions

### **Volume in a Medical Condition Enables Value**





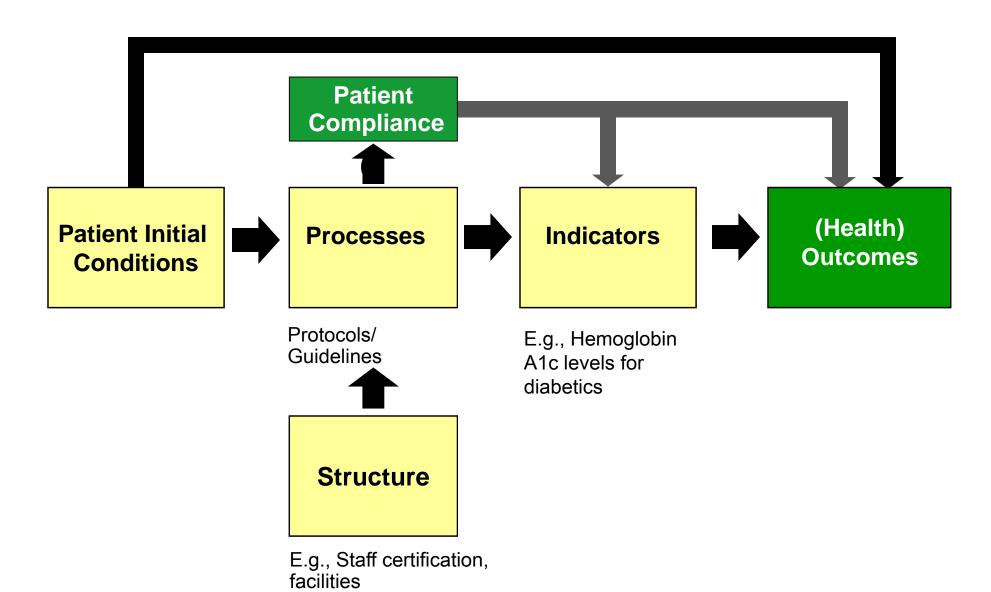
 Volume and experience will have an even greater impact on value in an IPU structure than in the current system

## Fragmentation of Hospital Services <u>Sweden</u>

DRG	Number of admitting providers	Average percent of total national admissions	Average admissions/ provider/ year	Average admissions/ provider/ week
Knee Procedure	68	1.5%	55	1
Diabetes age > 35	80	1.3%	96	2
Kidney failure	80	1.3%	97	2
Multiple sclerosis and cerebellar ataxia	78	1.3%	28	1
Inflammatory bowel disease	73	1.4%	66	1
Implantation of cardiac pacemaker	51	2.0%	124	2
Splenectomy age > 17	37	2.6%	3	<1
Cleft lip & palate repair	7	14.2%	83	2
Heart transplant	6	16.6%	12	<1

Source: Compiled from The National Board of Health and Welfare Statistical Databases - DRG Statistics, Accessed April 2, 2009.

## 2. Measure Outcomes and Cost for Every Patient



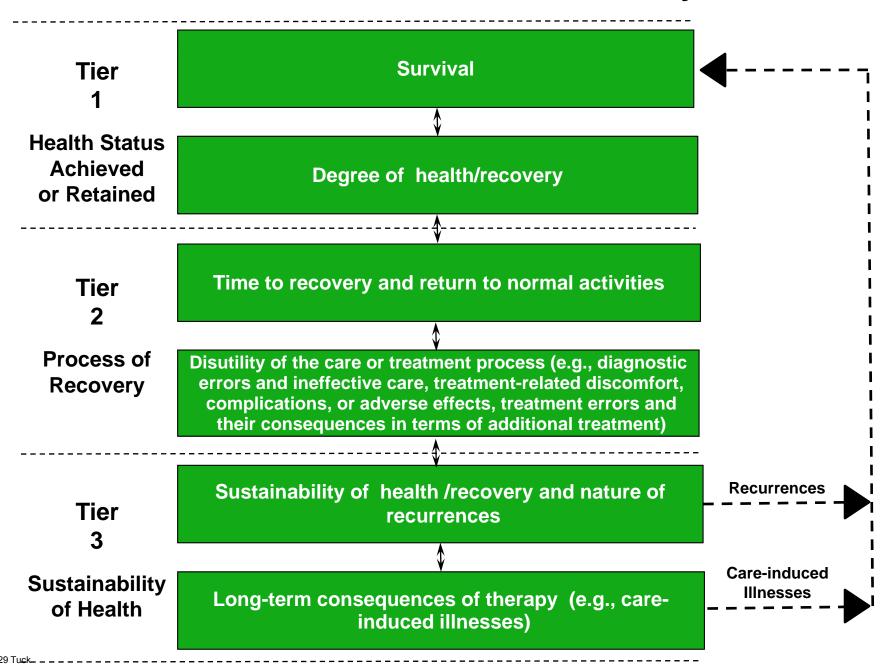
## **Measuring Value**

- For medical conditions/primary care patient populations
- Real time and "on-line" in care delivery, not just retrospectively or in clinical studies
- Not for interventions or short episodes
- Not separately for types of service (e.g. inpatient, outpatient, tests, rehabilitation)
- Not for practices, departments, clinics, or entire hospitals

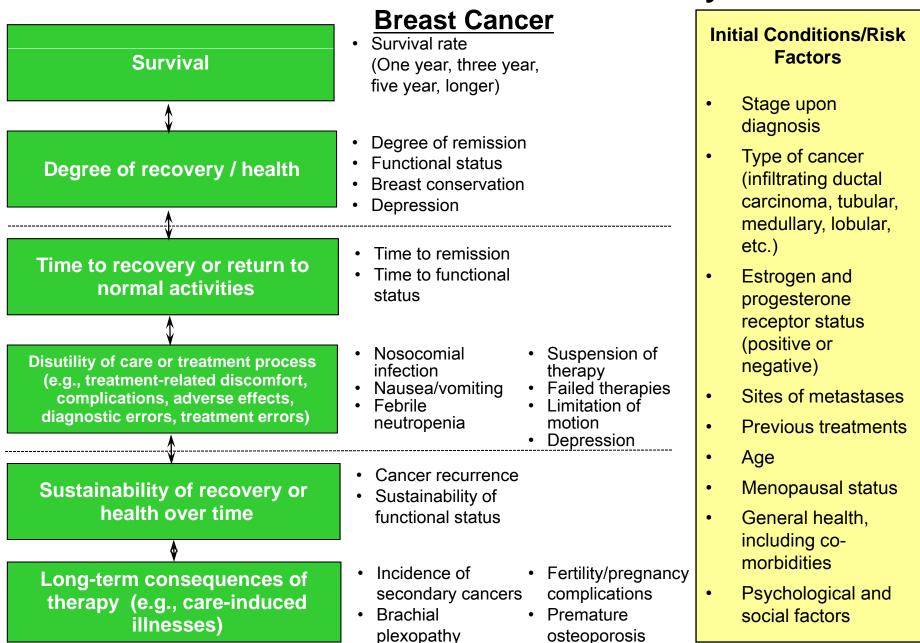


Measuring and reporting volume by medical condition

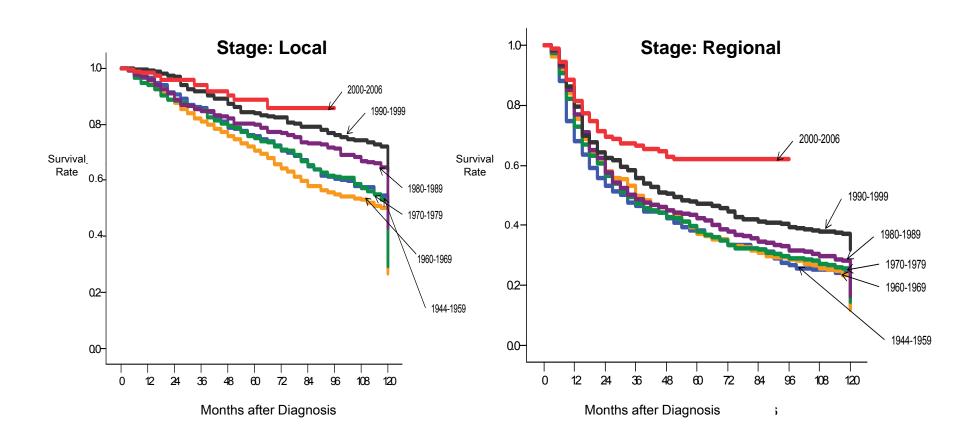
## The Outcome Measures Hierarchy



## The Outcome Measures Hierarchy



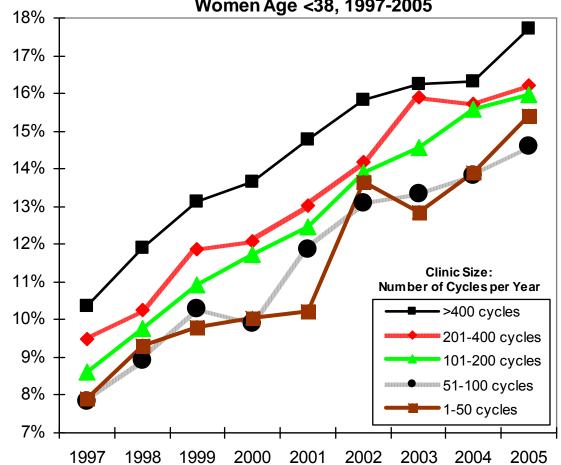
# MD Anderson Oral Cavity Cancer Survival by Patient Registration Year



Source: MD Anderson Cancer Center

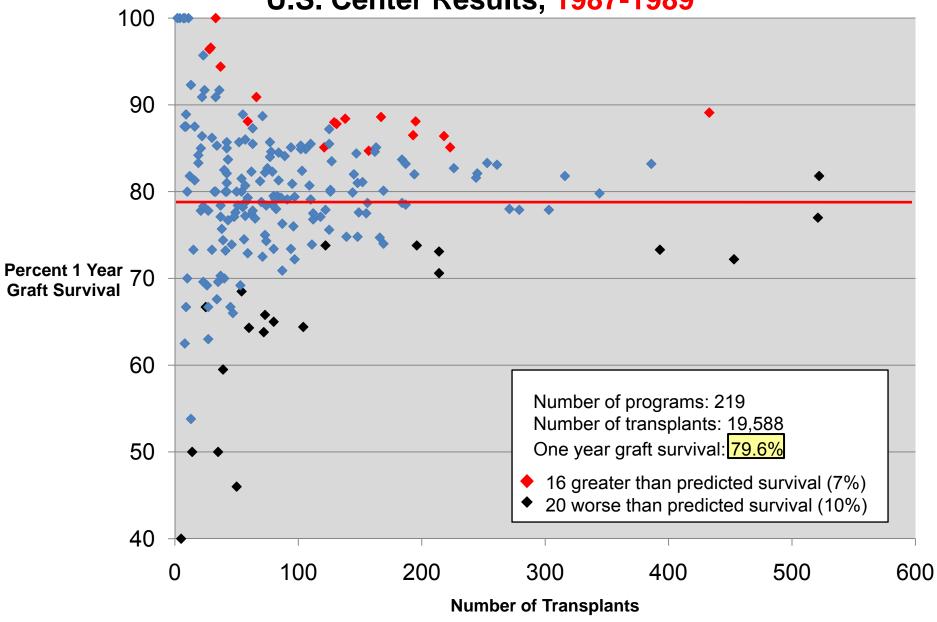
## **In-vitro Fertilization Success Rates Over Time**

Percent Live Births per Fresh, Non-Donor Embryo Transferred by Clinic Size Women Age <38, 1997-2005

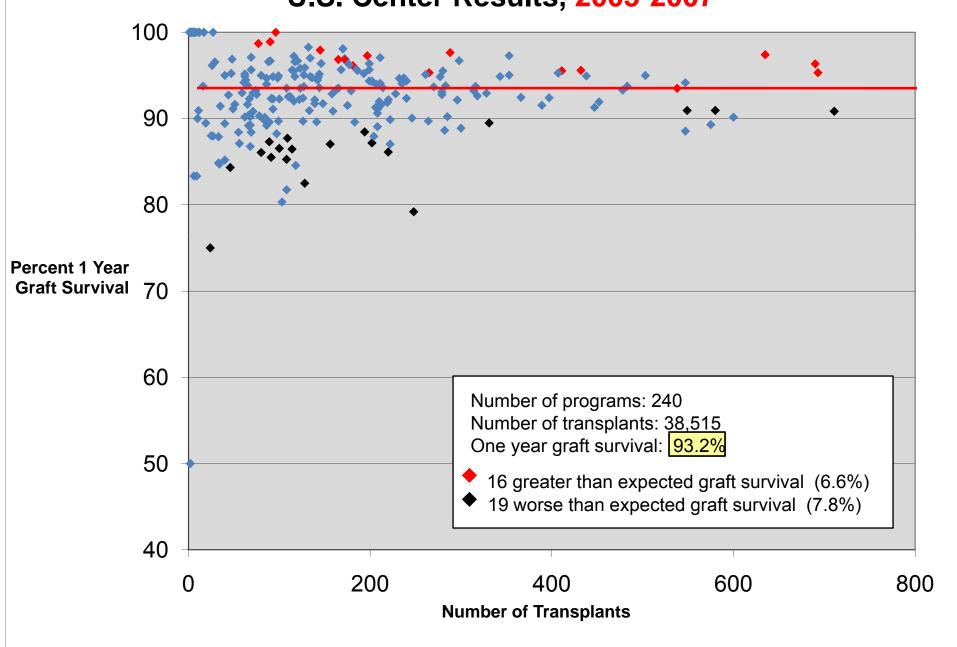


Source: Michael Porter, Saquib Rahim, Benjamin Tsai, *Invitro Fertilization: Outcomes Measurement*. Harvard Business School Press, 2008

## Adult Kidney Transplant Outcomes, U.S. Center Results, 1987-1989







## **Swedish National Quality Registers, 2007\***

#### **Respiratory Diseases**

- Respiratory Failure Register (Swedevox)
- Swedish Quality Register of Otorhinolaryngology

#### **Childhood and Adolescence**

- The Swedish Childhood Diabetes Registry (SWEDIABKIDS)
- Childhood Obesity Registry in Sweden (BORIS)
- Perinatal Quality Registry/Neonatology (PNQn)
- National Registry of Suspected/Confirmed Sexual Abuse in Children and Adolescents (SÖK)

#### **Circulatory Diseases**

- Swedish Coronary Angiography and Angioplasty Registry (SCAAR)
- Registry on Cardiac Intensive Care (RIKS-HIA)
- Registry on Secondary Prevention in Cardiac Intensive Care (SEPHIA)
- Swedish Heart Surgery Registry
- Grown-Up Congenital Heart Disease Registry (GUCH)
- National Registry on Out-of-Hospital Cardiac Arrest
- Heart Failure Registry (RiksSvikt)
- National Catheter Ablation Registry
- Vascular Registry in Sweden (Swedvasc)

- National Quality Registry for Stroke (Riks-Stroke)
- National Registry of Atrial Fibrillation and Anticoagulation (AuriculA)

#### **Endocrine Diseases**

- National Diabetes Registry (NDR)
- Swedish Obesity Surgery Registry (SOReg)
- Scandinavian Quality Register for Thyroid and Parathyroid Surgery

#### **Gastrointestinal Disorders**

- Swedish Hernia Registry
- Swedish Quality Registry on Gallstone Surgery (GallRiks)
- Swedish Quality Registry for Vertical Hernia

#### **Musculoskeletal Diseases**

- Swedish Shoulder Arthroplasty Registry
- National Hip Fracture Registry (RIKSHÖFT)
- Swedish National Hip Arthroplasty Register
- Swedish Knee Arthroplasty Register
- Swedish Rheumatoid Arthritis Registry
- National Pain Rehabilitation Registry
- Follow-Up in Back Surgery
- Swedish Cruciate Ligament Registry X-Base
- Swedish National Elbow Arthroplasty Register (SAAR)

<sup>\*</sup> Registers Receiving Funding from the Executive Committee for National Quality Registries in 2007

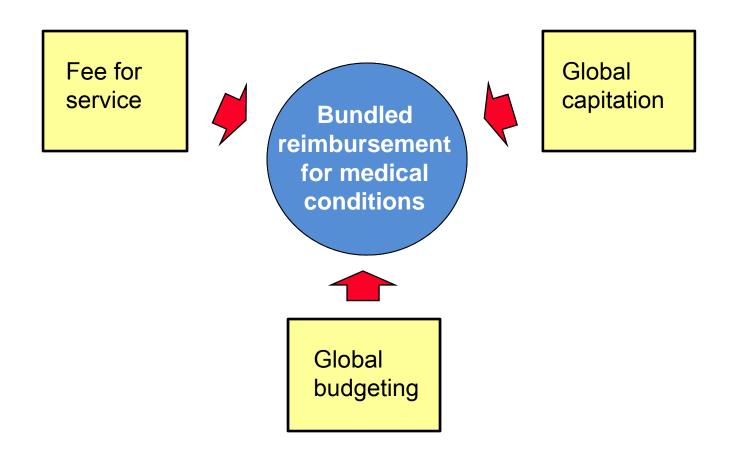
### **Measuring Health Care Costs**

- Current organization structure and cost accounting practices in health care obscure the measurement of costs, leaving major opportunities for cost efficiencies
  - Over-resourced facilities
    - E.g. routine care delivered in expensive hospital settings
  - Under-utilization of expensive clinical space, equipment, and facilities
  - Poor utilization of highly skilled physicians and staff
  - -Over-provision of low- or no-value testing and other services in order to justify billing/follow rigid protocols
  - Long cycle times
  - Redundant administrative and scheduling personnel
  - Missed opportunities for volume procurement
  - Excess inventory and weak inventory management
  - Lack of cost knowledge and awareness in clinical teams



 These cost reduction opportunities do not require outcome tradeoffs, but may actually improve outcomes

## 3. Move to Bundled Prices for Care Cycles



### What is a Bundled Payment?

- A total package price for the care cycle for a medical condition
  - Including time-based bundled reimbursement for managing chronic conditions and for primary/preventive service bundles
  - Including responsibility for avoidable complications
- The bundled price should be severity adjusted

### What is Not a Bundled Payment

- Price for a short episode (e.g. inpatient only, procedure only)
- Separate payments for physicians and facilities
- "Medical Home" payment for care coordination
- Pay-for-performance bonuses



DRGs can be a starting point for bundled payment models

# Bundled Payment in Practice <u>Hip and Knee Replacement in Stockholm, Sweden</u>

- Components of the bundle
  - Pre-op evaluation
  - Lab tests
  - Radiology
  - Surgery & related admissions
  - Prosthesis
  - Drugs
  - Inpatient rehab, up to 6 days

- All physician and staff costs
- 1 follow-up visit within 3 months
- Any additional surgery to the joint within 2 years
- If post-op infection requiring antibiotics occurs, guarantee extends to 5 years
- Applies to all relatively healthy patients (i.e. ASA scores of 1 or 2)
- The same referral process from PCPs is utilized as the traditional system
- Mandatory reporting by providers to the joint registry plus supplementary reporting
- Provider participation is voluntary but all providers are involved

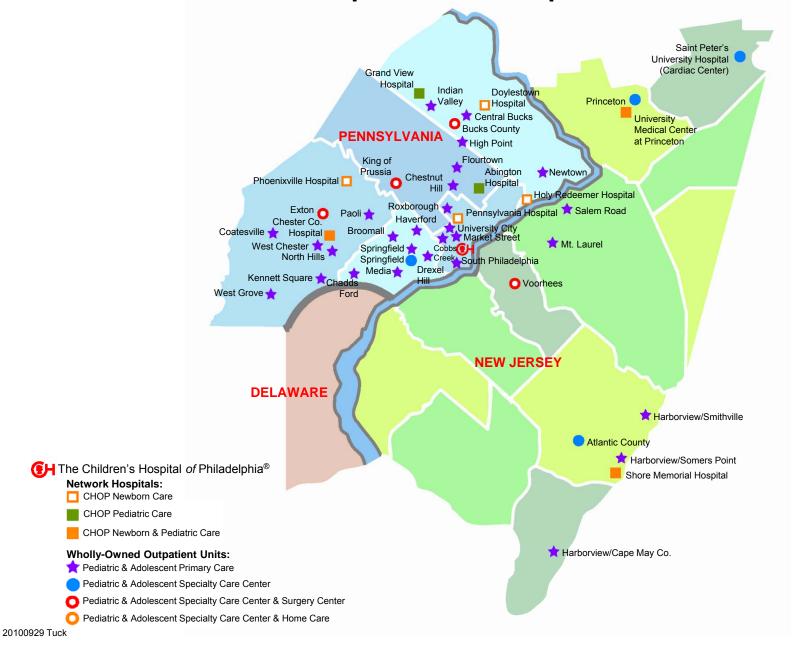


The bundled price for a knee or hip replacement is about US \$8,000

## **Creating a Bundled Pricing System**

- Defining the Bundle
  - Scope of the medical condition
  - Range of services included
  - Complications and comorbidities included/excluded
  - Duration of care cycle/time period
    - o Must be long enough to minimize the risk of cost shifting
  - Flexibility on methods/process of care essential
- Pricing the Bundle: Key Choices
  - Price set relative to sum of current costs
  - Extent of incentive to improve value by reducing avoidable complications, improving efficiency, etc.
  - Extent of "guarantees" by providers
  - Extent of severity/risk adjustments
  - Mechanism for handling unanticipated complications and outliers
- Implementing the Bundle
  - Claims management process and infrastructure
  - Internal distribution of payment among providers (dividing the pie)
    - Degree of risk sharing by specialty
  - Outcome measurement is essential to measure success and minimize incentives to limit value-enhancing services

## 4. Integrate Care Delivery Across Separate Facilities Children's Hospital of Philadelphia Care Network



## **Levels of System Integration**

- Choose a scope of service lines where the organization can achieve excellence
- Rationalize service lines/ IPUs across facilities to improve volume, avoid duplication, and deepen teams
- Offer specific services at the appropriate facility
  - E.g. acuity level, cost level, need for convenience
- Clinically integrate care across facilities, within an IPU structure
  - Expand and integrate the care cycle
  - Better connect preventive/primary care units to specialty IPUs



There is a major opportunity to improve value through moving care
 out of heavily resourced hospital, tertiary and quaternary facilities

## 5. Expand Excellent IPUs Across Geography

- Grow areas of excellence and leverage across locations, rather than adding broad line, stand-alone units
- Affiliate with excellent providers in medical conditions where there is insufficient volume or expertise to achieve superior value

**Expanding Excellent IPUs Across Geography** 



## 6. Create an Enabling Information Technology Platform

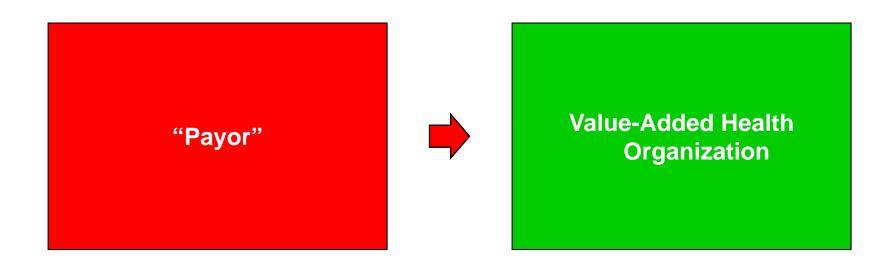
Utilize information technology to enable restructuring of care delivery and measuring results, rather than treating it as a solution itself

- Common data definitions
- Combine all types of data (e.g. notes, images) for each patient over time
- Data encompasses the **full care cycle**, including referring entities
- Allows access and communication among all involved parties, including patients
- "Structured" data vs. free text
- Templates for medical conditions to enhance the user interface
- Architecture that allows easy extraction of outcome measures, process measures, and activity based cost measures for each patient and medical condition
- Interoperability standards enabling communication among different provider systems

# Creating a Value-Based Health Care Delivery System <u>The Strategic Agenda</u>

- 1. Organize into Integrated Practice Units (IPUs) Around Patient Medical Conditions
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## Value-Based Health Care Delivery: <a href="Implications for Contracting Parties/Health Plans">Implications for Contracting Parties/Health Plans</a>



 Providers can lead in developing new relationships with health plans through their role in providing health benefits for their own employees

## Value-Adding Roles of Health Plans

- Assemble, analyze and manage the total medical records of members
- Provide for comprehensive and integrated prevention, wellness,
   screening, and disease management services to all members
- Monitor and compare provider results by medical condition
- Provide advice to patients (and referring physicians) in selecting excellent providers
- Assist in coordinating patient care across the care cycle and across medical conditions
- Encourage and reward integrated practice unit models by providers
- Design new bundled reimbursement structures for care cycles instead of fees for discrete services
- Measure and report overall health results for members by medical condition versus other plans



 Health plans will require new capabilities and new types of staff to play these roles

## Value-Based Health Care Delivery: The Role of Employers

- Employer interests are more closely aligned with patient interests than any other system participant
  - Employers need healthy, high performing employees
  - Employers bear the costs of chronic health problems and poor quality care



- The cost of poor health is 2 to 7 times more than the cost of health benefits
  - Absenteeism
  - Presenteeism
- Employers are uniquely positioned to improve employee health
  - Daily interactions with employees
  - On-site clinics for quick diagnosis and treatment, prevention, and screening
  - Group culture of wellness
- Employers must insist that their health plans enable value-based delivery
- Employers can establish direct relationships with providers to jump start value based approaches
  - Self-insured employers
  - Consortia of smaller employers

# Value-Based Health Care Delivery: Implications for Employers

- Set the goal of employee health
- Assist employees in healthy living and active participation in their own care
- Provide for convenient and high value prevention, wellness, screening, and disease management services
  - On site clinics
- Set new expectations for payors
  - Plans should contract for integrated care, not discrete services
  - Plans should contract for care cycles rather than single interventions
  - Plans should assist subscribers in accessing excellent providers for their medical condition
  - Plans should measure and improve member health results by condition, and expect providers to do the same
- Provide for health plan continuity for employees, rather than plan churning
- Find ways to expand insurance coverage and advocate reform of the insurance system



 Measure and hold employee benefit staff accountable for the health value achieved by the company

# Value-Based Health Care Delivery: Implications for Government

- Establish universal measurement and reporting of provider health outcomes
  - Also require universal reporting by health plans
- Remove obstacles to the restructuring of health care delivery around the integrated care of medical conditions
- Shift reimbursement systems to bundled prices for cycles of care instead of payments for discrete treatments or services
- Open up competition among providers and across geography
- Mandate EMR adoption that enables integrated care and supports outcome measurement
  - National standards for data definitions, communication, and aggregation
  - Software as a service model for smaller providers
- Set policies that encourage greater responsibility of individuals for their health and their health care