Population Health and The Future of Emergency Medicine

Mark Rosenberg, DO, MBA, FACEP
Professor and Chairman, Emergency Medicine
Medical Director, Population Health
St Joseph's Health
President Elect and Board of Directors - ACEP

1

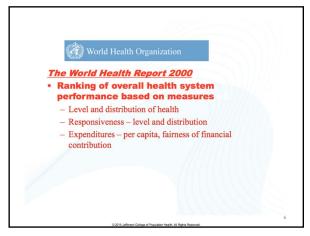


2

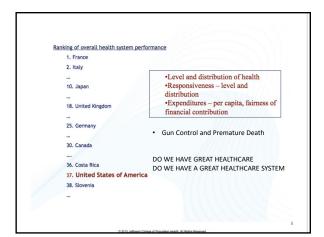


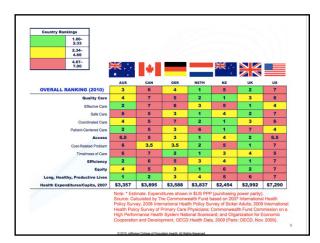




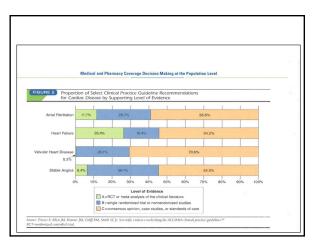


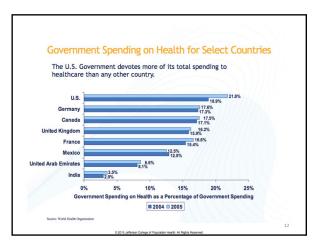


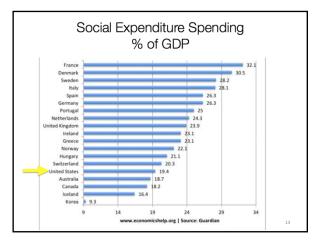


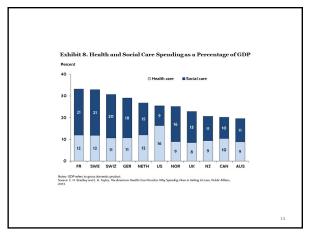




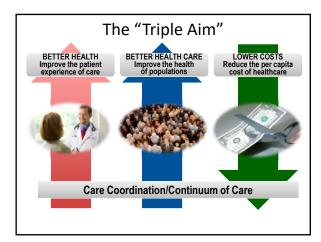


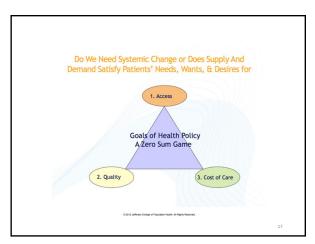




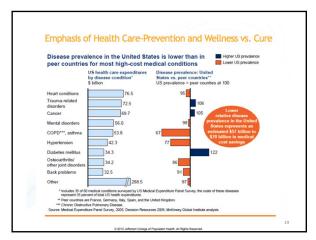


Medical Care's Importance Factors accounting for premature mortality in the USA: One's standard of living and lifestyle (50%) Genetic disposition or make up (20%) Social and environmental (physical, cultural, and economic) factors (20%) Medical Care accounts for (10%) making it the least critical factor Source: Centers for Disease Control Begs the question: How should we invest in (budget for) and structure our health care enterprise?









Reducing need for services Preventive services and health promotion activities Immunization Screening Smoking cessation programs Weight reduction programs

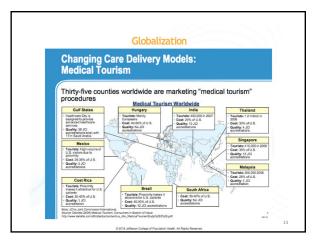
20

Reducing need for services Preventive services and health promotion activities Immunization Screening Smoking cessation programs Weight reduction programs Can this be done in the Emergency Department

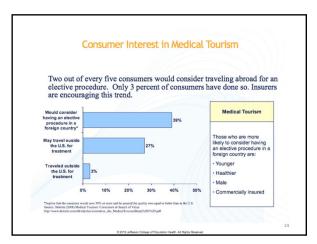
Healthcare Globalization and Changing Healthcare Market

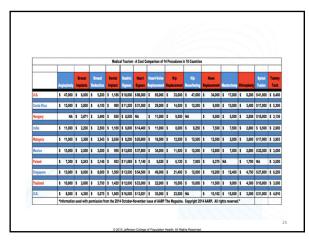
Tourism Telemedicine Retail Medicine

22

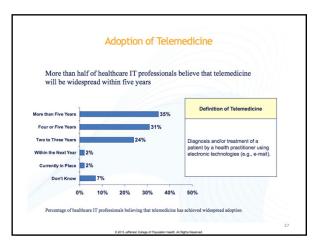


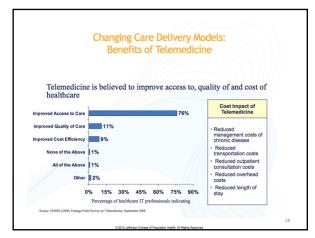
23

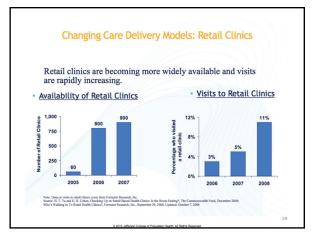




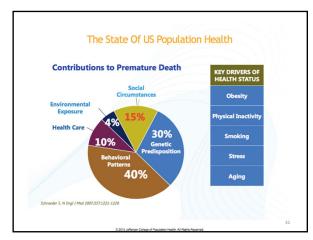


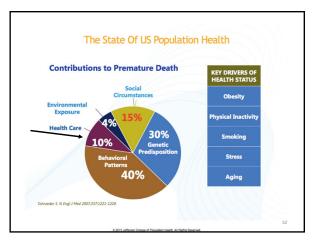


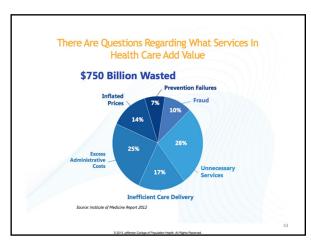


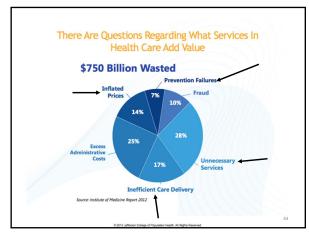


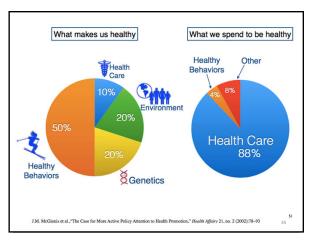
Need to refocus Prevention, Waste and Care Coordination



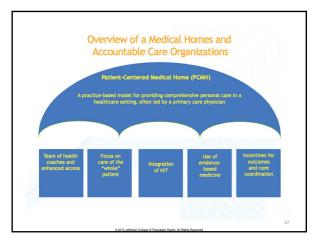


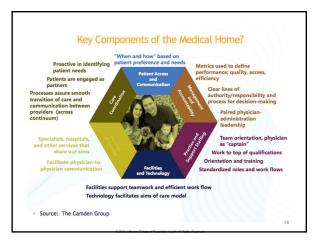


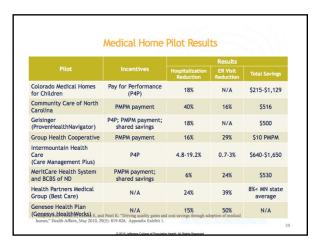




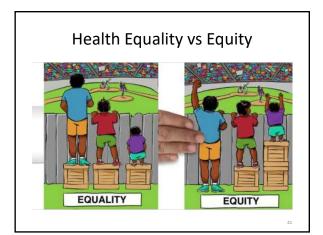


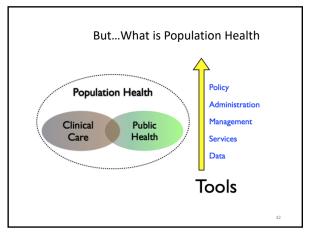






SO...WHAT IS POPULATION HEALTH





Management of Asthma

- Identify the Problem
- Hot spotting
- Care Coordination
- Nothing Stands in the Way of Health
 - Vacuum Cleaners
 - Air Filtration
 - Mold Mitigation

43

43

	Conventional Healthcare	Population Health
Purpose	Curing disease	Preventing disease Keeping people healthy & well
Values	Diagnosis, treatment & cure Physician's expertise Unlimited access to healthcare* *if you can afford it	Prevention of disease Emphasis on wellness Timely & high-quality cost-effective care Agency and self-efficacy Medical home
Methods	Diagnosis & treatment Fee-for-service	Personalized wellness plans Community engagement & prevention Global payments Shared health information

44

	Population Health Pa	radigm
	Conventional Healthcare	Population Health
Constraints	Cost Continuity of care Lack of access Administrative burdens Limited patient contact	Implementation cost Politics Culture
Opportunities	Greater autonomy	Cost effectiveness Evidence-based & personalized medicine Increase quality & reduction of errors
Assumptions	System "rescue" patients Doctor center of authority	Patient is responsible for health & wellness Doctor center of care team

Some Population Health Initiatives

- Water and sewage treatment
- Smoking
- Seat Belts

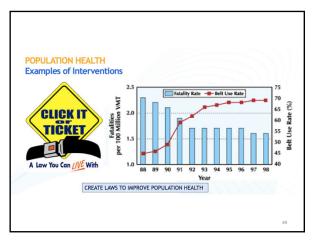
46

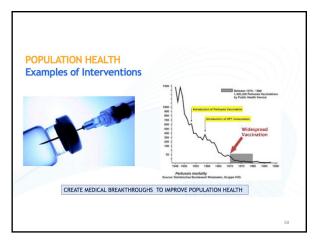
A Population Health Program

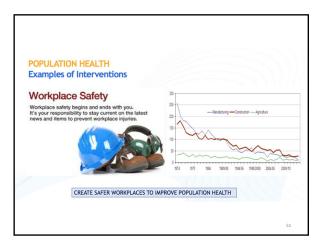


47

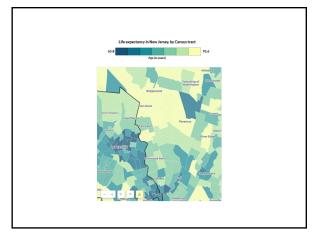


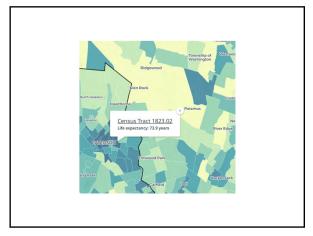


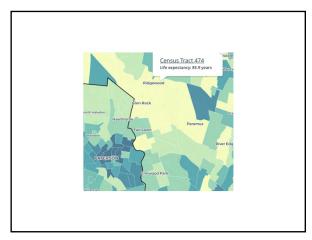


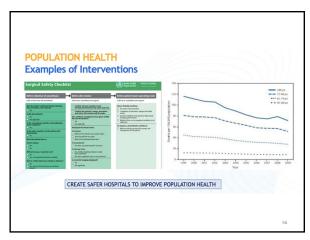


LIFE	EXPECTANCY	ACROSS	ГНЕ
RIVE	ER .		



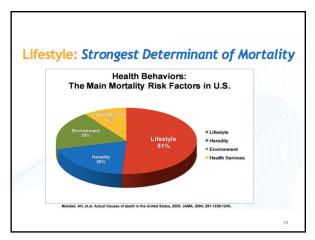


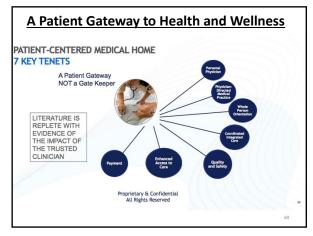






OK, so





PATIENT C	ENTERED MEDICAL	HOMES		
Why Pursue	Excellence in Primar	y Care?		
_				1
 The me The cor 	demonstrating that dically homeless receive expensumer that is affiliated with a primar affiliated with a primar	primary practice recei		are O
	rforming primary practices acl			1777777
 Value over 	volume - Industry callin	g for improved clir	nical outcomes	
 Patient Ce 	ntered - Greater focus o	n excellent patient	access and experier	ice
	ncy - Increasing reliance decreased utilization of			enhanced
	riven medical management to the practices them		d to shift responsibil	ity for
	k - Ability to identify ACon shared responsibilitie			
Confidential All Rights	December			

But.....

62

CATASTROPHIC ILLNESS DESPITE THE PROGRESS OF MEDICAL SCIENCE World Death Rate Holding Steady At 100 Percent GENEVA, SWITZERLAND—World Health Organization officials exthe group's finding that, despite the enormous efforts of doctors, rescue, workers, and other medical professionals worldwide; the globul orbit and the process of th

EW ACCES	SS POINTS FOR CARE	
	Retail Clinics	Pharmacies
	Open 7days a week, including evenings and weekends No appointments necessary Staffed by Nurse Practitioners licensed to write prescriptions -Physician Assistants in Toxas and Newda -Most insurance plans accepted -cost of waits co-payment -funisusud, visits weraps \$90-74 Services provided to patients 18 months and older -Paperless registration Electronic medial record	Drug monitoring and disease management for defined conditions Patient education Participating in multi-disciplinary care teams Further public health initiatives Consult on drug utilization programs Formulary management Administer immunizations

The ACO at St Joes

65

Thoughts

- Asthma Management
- CHF and Patient Ping
- A Culture of Wellness
- 7000 Employees

The ED 2020

- Emergency and Trauma
- Walk-in Primary and Urgent Care
- Wellness Center
 - Vaccines,
 - DM,
 - BP
- Falls Prevention
- ED Waiting Room
- More.....

67

67

Think Different

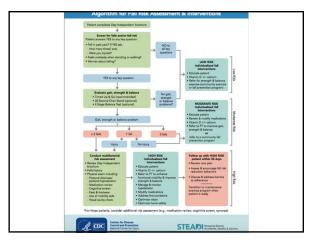


68

Last Story

91+88=Priceless





- http://www.cdc.gov/steadi/index.html
- http://www.medscape.com/viewarticle/84102





Evelyn's Story 3 Days Later



74

Stanley's Story – 10 Days Later



8 Months Later

- Evelyn
 - 20% Loss Body Weight
 - Disability
 - Hospice
 - Depression
- Stanley
 - Alienation
 - Depression
 - Disability

76

8 Months Later

- Evelyn
 - 20% Loss Body Weight
 - Disability
 - Hospice
 - Depression
- Stanley
 - $\, {\sf Alienation}$
 - Depression
 - Disability

Treatment Goal and What's Important to You?:

We Want to Dance Together

77

Thank you



One Year Latter

- EvelynWeightIndependentStanleyDriving

79

Thank you

