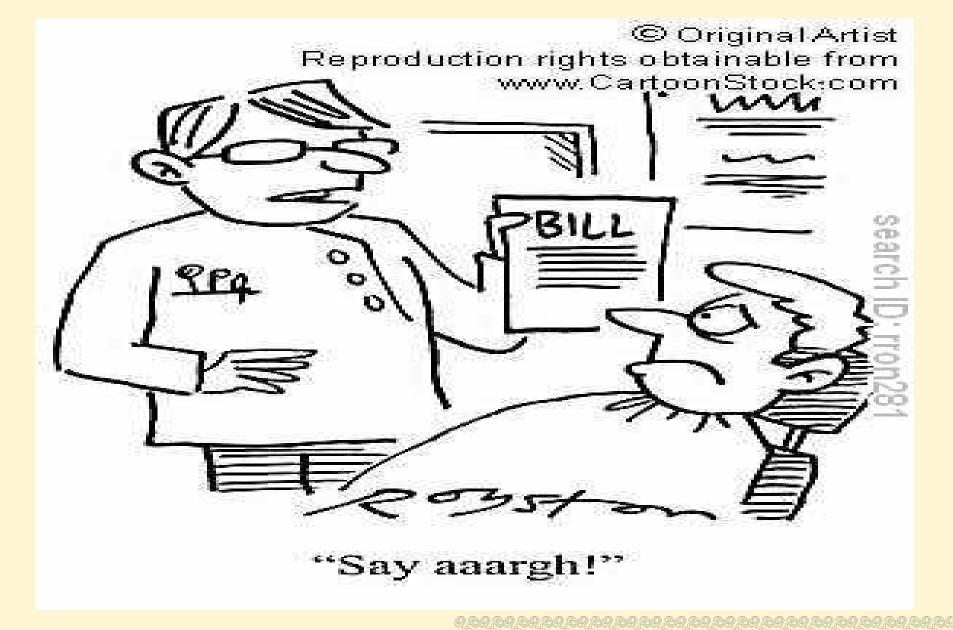
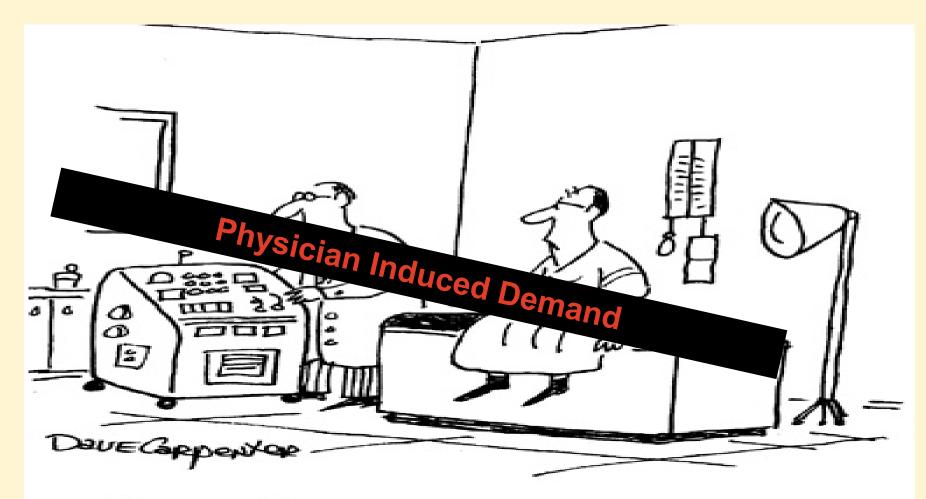
Delivering Affordable Cancer Care in the 21st Century

Ya-Chen Tina Shih, PhD
Associate Professor, Department of Medicine
Director, Program in the Economics of Cancer
University of Chicago





"First we're going to run some tests to help pay off the machine."

Reprinted from Funny Times / PO Box 18530 / Cleveland Hts. OH 44118 phone: 216.371.8600 / email: ft@funnytimes.com

...escalating healthcare cost is no laughing matter



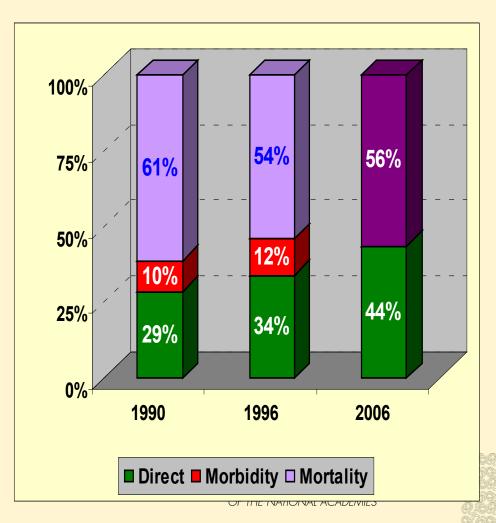
Cost of Healthcare and Cancer Care

Healthcare costs accounted for 18% of GDP in 2010

- Total cost of cancer in 2006: \$284.4 billion (in 2011\$)⁽¹⁾
 - Direct medical cost: \$123.9 billion
 - Indirect (morbidity + mortality) cost \$160.5 billion
- Total medical costs of cancer accounts for 5% of all health care expenditures and 10% of the Medicare expenditures



Distribution of Cancer Care Cost Over Time



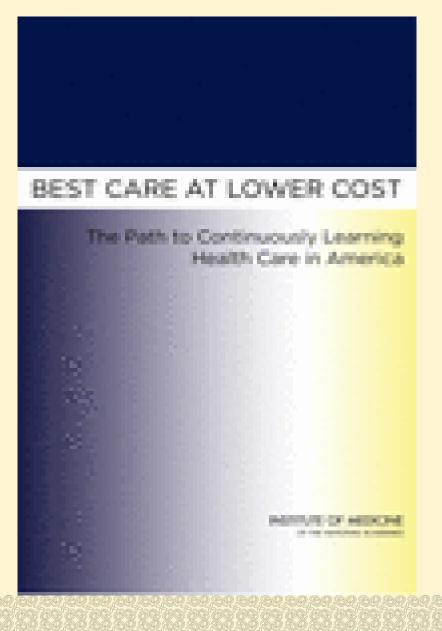
→ increasing proportion of direct medical costs over time

- Aging of cancer patients
 - Shrinking % of indirect costs
- Technology advances
 - High cost of new drugs/technology
 - Changes in treatment patterns driven by new technology

 Best care at lower cost: the path to continuously learning healthcare in American

• The foundation for a learning healthcare system is continuous knowledge development, improvement, and application





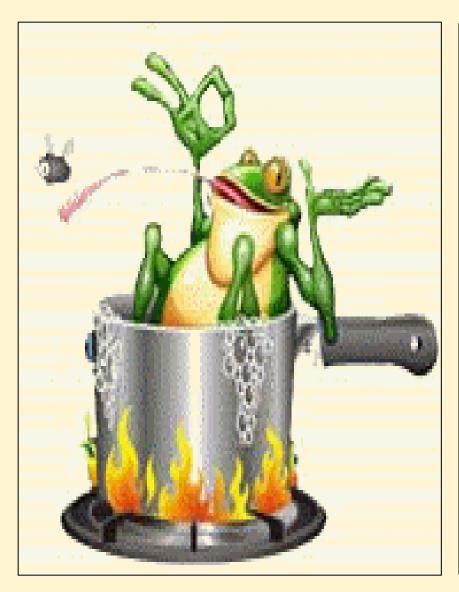
Learning Disability in Organization

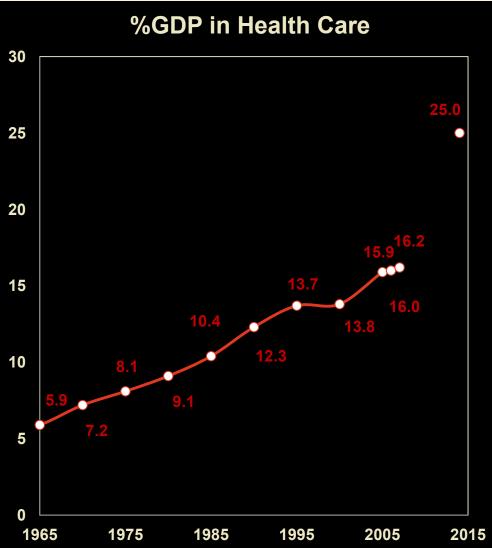
- I am my position
- The enemy is out there
- The illusion of taking charge
- The fixation on events
- The parable of the boiled frog
- The delusion of learning from experience
- The math of the management team

INSTITUTE OF MEDICINE





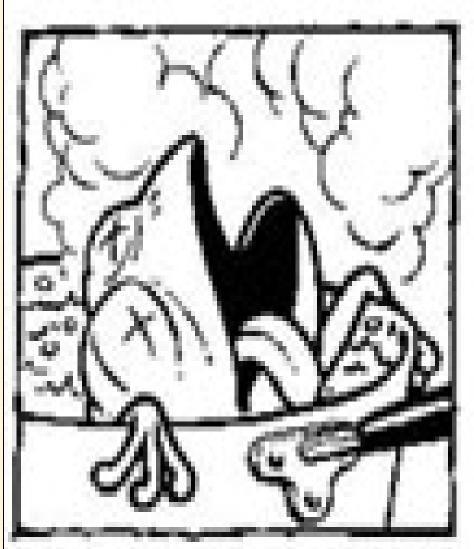


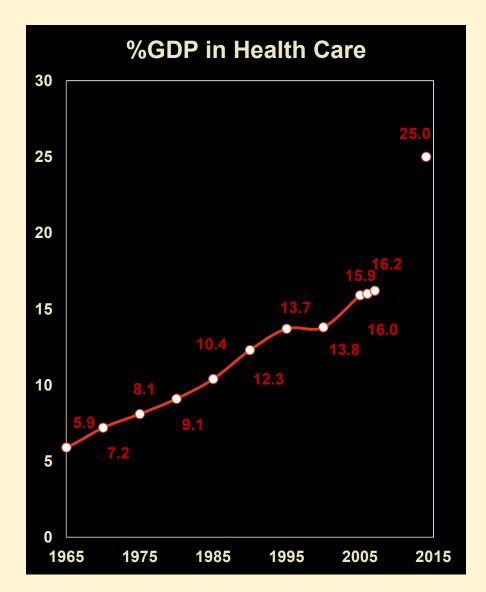


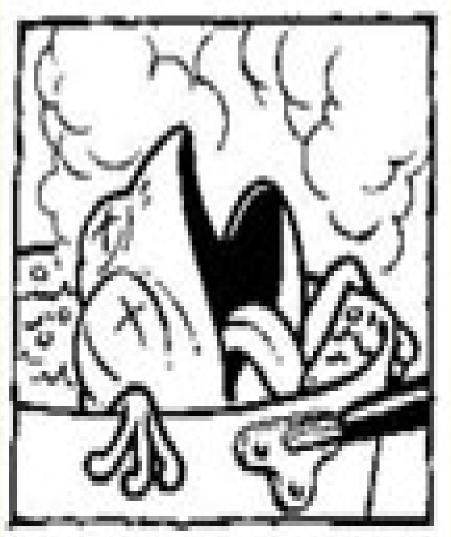
OF THE NATIONAL ACADEMIES

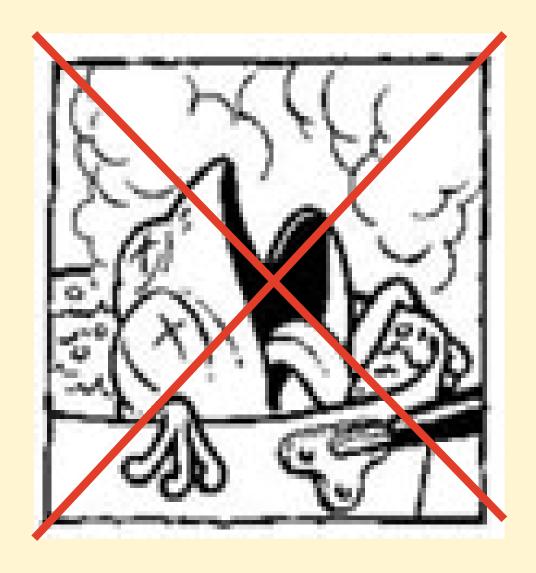
Advising the nation • Improving health











Deliver Affordable Cancer Care

?HOW?

INSTITUTE OF MEDICINE

Meeting Objectives

- Summarize current evidence on the overuse, underuse, and misuse of medical technology throughout the continuum of cancer care
- Identify problems in the system that could be modified, and suggest changes to address them
- Discuss policy issues related to the value, cost containment, and reimbursement of cancer care as well as the economic incentives of innovation and technology diffusion in cancer
- TO MAKE AN IMPACT

INSTITUTE OF MEDICINE

Four Performance Roles for Having Impact

Playwright

IOM NCPF

Director

Planning Committee

Actors

Speakers

Audience

"Letting it happen"

INSTITUTE OF MEDICINE

OF THE NATIONAL ACADEMIES

Source: B. Lanebrown & H. Davis, 2007

Four Performance Roles for Having Impact

Playwright

IOM NCPF

Director

Planning Committee

Actor

Speakers

Audience

"Letting it happen"

INSTITUTE OF MEDICINE

OF THE NATIONAL ACADEMIES

Source: B. Lanebrown & H. Davis, 2007