



# Global Trends in Healthcare

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HARVARD MEDICAL  
INTERNATIONAL

# Harvard Medical International



- Established 1994
- Non-profit subsidiary, self-supporting corporation of Harvard University
- Focus on academic health care infrastructure development
- 50 Programs in 30 Countries
- 65 Full-time Staff
- 250+ Faculty Consultants/yr
- Partnering with:
  - **Medical Schools**
  - **Hospitals & Healthcare Systems**
  - **Research Centers**

# Global Health

- “Global Health” no longer means exclusively Public Health
  - Much of the Developing World has gained from 50 years of Public Health Interventions



# Global Trends in Health Care Delivery

## Overall

- Emerging economies growing
- Reform of developed economies

## Macro

- Patients want to get care at home
- Growing shortage of health care providers
- Growth in private sector funding of health care – drop in the public sector funding

## Micro

- Dropping average LOS
- New technologies dominating health care
- Quality recognition becoming a standard
- Specialty intervention services providing highest value and return
- Rapid growth of supportive health care programs

# Key Issues Driving Growth in Private Health Sector

- Population Growth
- Aging Population
- Changing Burden of Disease
- Global Health Economics
- Medical Tourism Driven by Rising Costs in the West

# Rise of the Middle Class in Emerging Economies

- Aging, with chronic diseases
  - Diabetes, Cardiovascular, Arthritis,
- Greater purchasing power
- Willing to pay out of pocket for one-time events
  - Cardiac
  - Joint replacement
  - Transplantation
- Demand for care close to home
- Better informed: The Internet
- Less willing to wait
- Better understanding of the value equation



# Medical Tourism: The Trends

- 500,000 international patients will travel to India for medical care in 2007
- By 2012, Medical Tourism will infuse \$2.2B into India's economy
- Malaysia received 100,000 medical tourists in 2005
- Singapore received 200,000 patients in the same year
- Today a \$60B global business
- Growing at 20% per year
- The National Coalition of Health Care estimated 500,000 patients left the US for medical treatment last year.

# Global Trends: Rise of Quality Hospitals

- Emergence of privately financed, corporate specialty hospitals
  - Focused on serving the needs of the local middle class
  - “Green-field” Development
  - Specialty focused
  - Coexist with public hospitals
  - Capitalize on lower cost labor force
  - Willing and able to institute a culture of quality
  - Expanding regionally
  - Competing globally

# Establishing Quality Benchmarks Is A Growth Requirement

JCI Accredited Organizations

	2000	2007
Africa	0	1
Asia (including Turkey)	0	56
Europe	2	52
Middle East	1	35
Caribbean, Central/South America	0	17
<b>Total</b>	<b>3</b>	<b>161</b>

Source: JCI

Turkey

- 15 hospitals and 3 additional healthcare facilities already JCI accredited and will dominate the market place
- Cohort of potential local players / investors will be limited
- Success for any new investors will depend on proving “quality”

# New Health Care Systems Built in Collaboration with Many Western Schools of Medicine and Hospitals



NewYork-Presbyterian  
Healthcare System



SCHOOL OF MEDICINE  
UNIVERSITY OF MIAMI

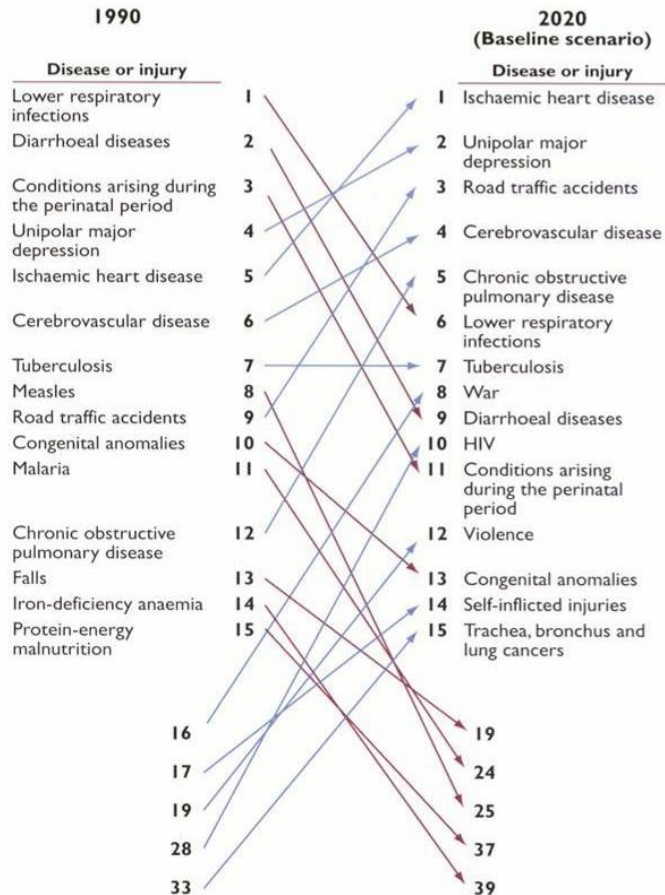


The Children's Hospital of Philadelphia



# Changing Global Burden of Disease Has Led to a Need for Preventive Care and Skilled Treatment by Specialists.

Disease Burden Measured in Disability- Adjusted Life Years (DALYs)



<10%

- Internal Medicine
- Neurosurgery
- Pediatrics

10-20%

- Orthopedics
- GI-endoscopy
- Intensive Care
- Ophthalmology
- ENT
- Oncology
- General Surgery

>20%

- Cardiac Surgery
- Interventional Cardiology
- Labs
- Imaging
- MIS
- Transplantation

Impact

- Growth in specialty care is driving new infrastructure growth
- New technologies are driving specialty care
- Public health & primary care is impacted

Source: The Harvard School of Public Health's 1996 study The Global Burden of Disease

# Turkey Leads the Way

- World Class Hospitals
- Centers of Excellence
- International Accreditation

# Key to Success: The Human Factor

## Critical for the Future

**Goal:** teams of highly educated and motivated professionals with systems and facilities to support them



Administrators

Allied health professionals



Physicians

Public health professionals



Nurses

Research professionals



Health educators