



Introduction to the Partners HealthCare

PARTNERS[™]
HEALTHCARE

INTERNATIONAL

Five Harvard Hospitals. One Global Mission.

Partners HealthCare

- Partners is one of the **largest** charitable diversified health care services organizations in the United States.
- PHS was established in 1994 by an affiliation between the Brigham and Women's Hospital and the Massachusetts General Hospital, the two **largest** teaching hospitals affiliated with the Harvard Medical School, in order to create an integrated health care delivery system.

Partners HealthCare

- Partners is the **largest** acute and non-acute health care system in New England.
- Partners has the **largest** non-university-based non-profit private medical research enterprise in the United States and is a principal teaching affiliate of the medical and dental schools of Harvard University.
- Partners has developed a physician network of more than 6,000 primary care physicians and specialists.

Partners HealthCare Statistics - FY06

Range of Services

- Acute Care
 - Academic Medical Centers (2)
 - Community Hospitals (6)
 - Dana-Farber/Partners Cancer Care Joint Venture
- Non-Acute Care
 - Mental Health/Psychiatric (1)
 - Long Term Rehabilitation (3)
 - Skilled Nursing
 - Home Care
- Physician/Ambulatory Services
- Research
 - \$1 Billion
- Teaching
 - 4,400 Residents & Clinical & Research Fellows

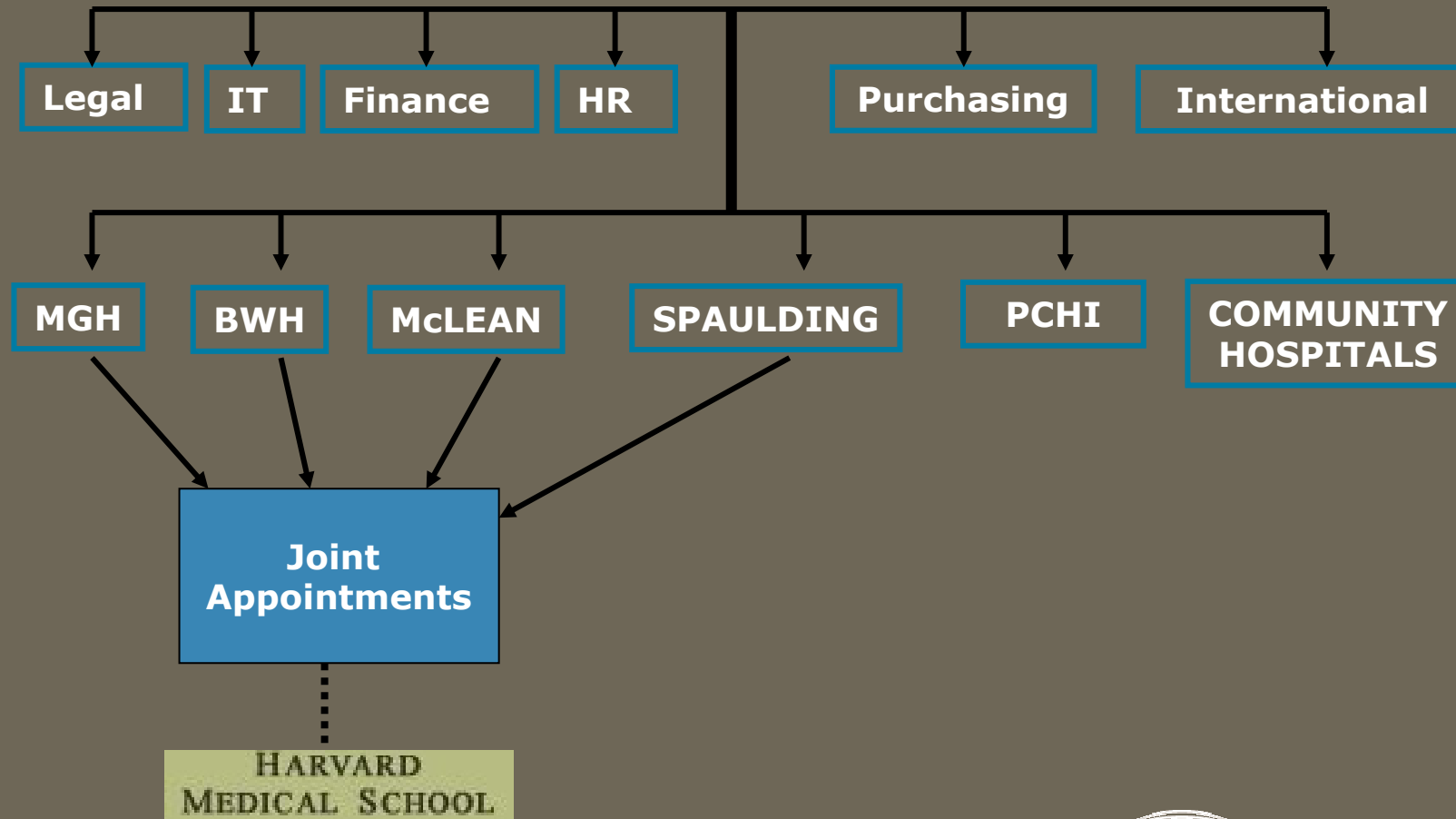
Key Statistics

- Operating Revenue \$6 Billion
- Licensed Beds 3,500
- Admissions 146,000
- Outpatient Visits ⁽¹⁾ 2,900,000
- Employees (FTEs) 37,000
- Physicians 6,300

⁽¹⁾ Outpatient Visits include ATOs, EDOBs, Day Surgery, Routine Visits, ER Visits, Significant Procedures, Major Imaging, Therapies and Psychiatric Services.

PHS Functional Relationships

Partners HealthCare System, Inc



Partners' Vision

- Improve patient care through overcoming boundaries: professional, institutional, geographic
- Add value through better coordination and teamwork
- Harness the power of information technology to enhance safety, quality, effectiveness and efficiency

Patient Care

- MGH and BWH are the only two general hospitals in one city to be ranked in the *U.S. News & World Report's* honor roll of **top** hospitals
- McLean and Spaulding and Dana-Farber Cancer Institute rank among the **best** in their specialties

Partners Added Value

America's Top Ten **Best** Hospitals 2007

U.S. News & World Report

| <u>Medical Center</u> | <u>Points*</u> |
|---|----------------|
| 1. Partners HealthCare System** | 1,485.8 |
| 2. Johns Hopkins | 1,175.0 |
| 3. Mayo Clinic | 1,091.1 |
| 4. Cleveland Clinic | 814.8 |
| 5. UCLA | 693.0 |
| 6. New-York Presbyterian | 649.7 |
| 7. University of California, San Francisco | 585.6 |
| 8. Duke University | 577.0 |
| 9. Barnes-Jewish Hospital | 520.8 |
| 10. University of Pittsburgh | 365.9 |

**Ranked by Total Points for Each Specialty*

***Partners Affiliated Institutions include the Brigham and Women's Hospital, the Massachusetts General Hospital, the Dana-Farber Cancer Institute, the McLean Hospital, and the Spaulding Hospital. The Massachusetts Eye and Ear Infirmary provides ENT services for the Massachusetts General Hospital.*

Dana-Farber / Partners Cancer Center

- 12,000+ new cancer patients each year
- Two campuses:
 - Massachusetts General Hospital Cancer Center
 - Dana-Farber/Brigham and Women's Hospital Cancer Center
- 12 multi-disciplinary programs in adult oncology
- \$500 million research budget
- More than 350 active clinical trials underway

Education

- Oldest and **largest** teaching affiliates of Harvard Medical School
- 90% of clinical staff hold faculty appointments at HMS
- 28 residency and 170 fellowship programs
- Over 2,000 trainees
- MGH Institute of Health Professions
 - Degree programs in Nursing, Physical Therapy, Clinical Investigation and Communication Sciences

Research

- Partners is the **largest** hospital-based medical research enterprise in the United States. Total combined research budget equals more than \$1 billion in fiscal year 2006. Over 2,300 principal investigators and 1,500 fellows involved in research
- MGH and BWH have ranked **first** and second in research funding for independent hospitals from the National Institutes of Health (NIH) for twenty two consecutive years. In 2006, Dana-Farber Cancer Institute ranked third.
- Fifteen **Nobel Prize winners** have worked or trained at Partners hospitals

Top Ten Recipients of NIH Research Awards - FY06

| | | |
|-----|---------------------------------|-----------------------|
| 1. | Harvard University | \$ 1,300,000,000 |
| | PHS Affiliated Hospitals | \$ 703,000,000 |
| 2. | Johns Hopkins University | \$ 564,000,000 |
| 3. | University of Pennsylvania | \$ 453,000,000 |
| 4. | University of Washington | \$ 432,000,000 |
| 5. | U.C.S.F | \$ 407,800,000 |
| 6. | Duke University | \$ 407,500,000 |
| 7. | University of Michigan | \$ 391,000,000 |
| 8. | University of Pittsburgh | \$ 377,000,000 |
| 9. | Yale University | \$ 336,000,000 |
| 10. | Columbia University | \$ 323,000,000 |

Source: Office of Extramural Research, NIH

Intellectual Property Protection: Inventions and Patents in MA

| | MASSACHUSETTS INSTITUTION | 2003-2005 INVENTION DISCLOSURES | 2003-2005 NEW PATENT APPLICATIONS | 2003-2005 PATENTS ISSUED |
|----------|---------------------------------------|---------------------------------------|---|--------------------------------|
| 1 | Massachusetts Inst. of Technology | 1479 | 290 | 133 |
| 2 | Massachusetts General Hospital | 717 | 165 | 56 |
| 3 | Univ. Massachusetts | 458 | 88 | 15 |
| 4 | Harvard (Univ. + all schools) | 404 | 80 | 44 |
| 5 | Children's Hospital | 332 | 42 | 20 |
| 6 | Brigham & Women's Hospital | 316 | 47 | 30 |
| 7 | Boston Univ. + Medical Campus | 278 | 73 | 11 |
| 8 | Beth Israel Deaconess Med Center | 212 | 30 | 10 |
| 9 | Dana-Farber Cancer Institute | 197 | 36 | 13 |
| 10 | Tufts Univ. + biomedical campus | 135 | 23 | 14 |

Center for **Integration** of Medicine & **Innovative** Technology

Mission: To improve patient care by bringing together scientists, engineers and clinicians to catalyze development of innovative technology, emphasizing minimally invasive diagnoses and therapy

Collaborations between:

- **Academic Medical Centers**
 - Massachusetts General Hospital
 - Brigham and Women’s Hospital
 - Beth Israel Deaconess Medical Center
 - Children’s Hospital Boston
 - Newton-Wellesley Hospital
 - Boston Medical Center
- **Engineering / Research Laboratory**
 - Charles Stark Draper Laboratory
- **Universities**
 - Massachusetts Institute of Technology
 - Boston University
 - Harvard Medical School
- **Private Sector Companies**
 - 60+ companies
- **Major Supporters & Collaborators**
 - Partners HealthCare System
 - Department of Defense

Partners International Medical Services (PIMS)

- **PIMS** develops and manages relationships with physicians, hospitals, businesses and governments that share our belief in the value of international health care collaborations.
- **PIMS** is your gateway to the health care expertise of our teaching hospitals and physicians.

Partners International Medical Services (PIMS)

- We foster professional interaction by sending our visiting specialists abroad and by inviting foreign doctors to Boston for short-term International Visiting Physician programs.
- We approach patient referral management systematically through “co-patient care” relationships with physicians and leading hospitals around the globe.
- We provide consultative services to international colleagues in designing and implementing clinical services, and in planning new clinical facilities.
- We provide healthcare management services for public and private sector owners of hospitals and health care facilities overseas.
- Through the Partners Center for Connected Health we are able to provide physicians with timely consultations on difficult cases and to conduct tele-education programs.