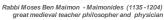
Rambam Health Care Campus

April 2011

S. Reisner MD, MHA









ISRAEL - Health and Population Indicators

Total Population 7.7 million (1.9%\y)

Over 65 years of age 10% Under 14 years of age 28%

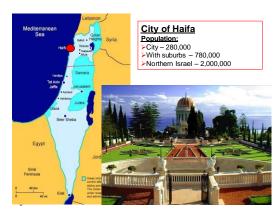
National Health Insurance Since 1995
Health providers 4 HMOs
GDP per capita 28,500 PPP\$

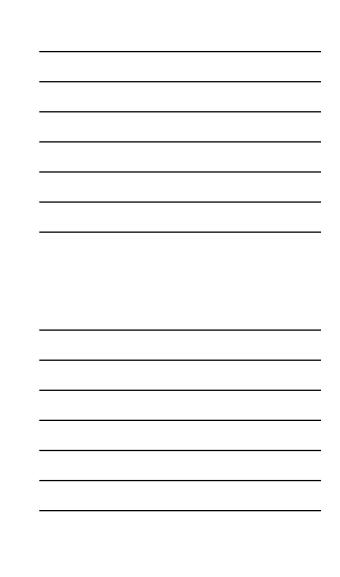
Health expenditure (%GDP) 7.9%
Per capita health expenditure 2250 PPP\$
General Hosp. beds 1.95/1000

MDs 3.5/1000 Life expectancy at birth (yrs) F=82, M=79

Infant mortality rate 4 ‰

2

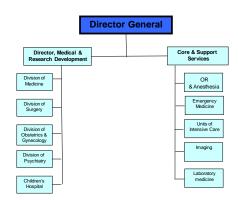






Rambam – The Tertiary Medical Center for Northern Israel (2010 data)

Hospital beds	898
Emergency Department visits	118,396
Annual admissions	80,923
Average occupancy	103%
Length of stay (days)	4.3
Outpatients visits	610,556
Surgical activity (procedures \ pts)	51,314 / 30,200
Cath lab	2283
Births	5,006
Employees / Physicians / Nurses	4,444 / 1,020 / 1,511
Income (millions in NIS)	1,097 (313 m\$)



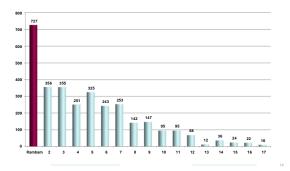
Inclusive Computerized Patient File (since 2000)

- > 2000 users
- All departments, ambulatory & diagnostic services
- ➤ Medical, nursing, supporting services
- Fully integrated to BI and to economic \ logistic data warehouse
- ▶ Disaster recovery

National Trauma Registry Data 2009

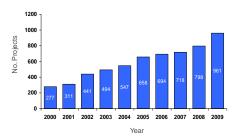


of Casualties ISS >= 16 all Trauma Centers (n= 3161)



Radiotherapy 2004-2009

Research Projects (IRB)

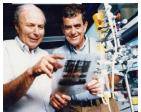


2004 - Prof. Hershko and Prof. Ciechanover (Chair, Scientific Advisory Board of Rambam), received the Nobel Prize in chemistry for the research of the UBIQUITIN system - responsible for turnover of cell proteins

Velcade – 1st Ubiquitin based anti-cancer drug (MM; NH lymphoma) was approved by the FDA



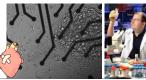




Haifa – the origin of the first lines of Human Embryonic Stem Cells



Stem cell research is leaded by Prof. Itskovitz - Head, Dep. of Obstetrics & Gynecology at Rambam



>Prof. Gepstein - Dep. of Cardiology created a "biological pacemaker" (turned stem cells into functioning pacemaker cells)

Hybrid Imaging (born in Haifa) Collaboration of Rambam + GE Medical

SPECT\CT = a new hybrid scanner combining in one image coronary artery anatomy with myocardial perfusion





Prof. Ora Israel, head NN (Co-Inventor of Pet-CT)

Summer of 2006 - the 2nd Lebanon war



Total no. of rockets = 3,970
Kiriat Shemona ~ 1000
Naharia = 808; Tzfat = 471
Haifa ~ 100 (+ ?? into
the sea); 220 mm
Civilian casualties:
- Killed – 43 (12 in Haifa)
- Injured – 1500
- Stress reaction - 2700

Civilians and Soldiers Killed by Hezbollah Rockets in Israel July 12 – August 12, 2006





From vacant basement into hospital department in 48h (Electricity; air conditioning; water; chemical WC; computer network)

2006 war - adjustment of priorities:







New top priority construction projects:

- > Protected emergency department
 > 2000 fully protected (against conventional & non-conventional weapons) hospital beds in the new parking lot

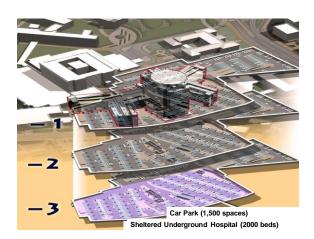


Emergency Medicine & Trauma Center (26 October 2009)





חדר טראומה

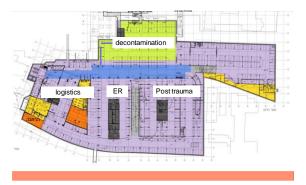








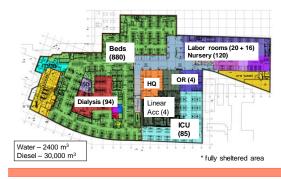
Level -1



Level -2 (8,200*m²)



Level -3 (14,800*m²)



Operating Theatre





Portable oxygen & power supply





Portable sanitary tools









4	4
7	7
- 1	