



Vietnam Medical System

Cooperation and Development

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Danang Hospital, Vietnam





- Vietnam population is 88 millions, Danang roughly 1 millions

- GDP :

Vietnam: \$1,200 US per capita per annum

Danang: \$2,000 US per capita per annum

HCMC : \$3,000 US per capita per annum

Medical system in Vietnam

- **876 hospitals, 75 district nursing in rehabilitation, over 1000 clinics**
- **5 private hospitals invested abroad**
- **Thousands of doctors and pharmacists graduated per year**
- **250,000 medical staffs.**

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- Doctor to population ratio : 6 doctors/
10,000 people,
 - Aimed for 8 doctors / 10,000 people in the
year of 2015

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- Average life expectancy of Vietnamese :
Male 72 , Female: 75
 - Frequently encountered disorders in
Vietnam: cardiovascular, malignancy,
paediatric, trauma, infection diseases...

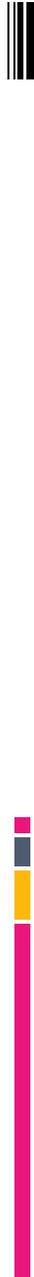


- Hospital beds to population ratio (2011) :

- Vietnam : 20.5 beds/ 10, 000 people
- WHO : 33/ 10,000
- Korea : 86/ 10,000
- Japan : 140/ 10,000

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- Health insurance: non-profit, compulsory health insurance and private health insurance
 - 100% free for children who are under 6 year old
 - Vietnam produced 10 types of vaccine which have been used in children vaccination campaigns for free

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- People who are under special considerations pay 5%, 0%, government staff pay 20% of insurance fee
 - 4.5% of salary contributes to health insurance

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- Currently, 60% of the population have access to health insurance.
 - The figure in Danang is 70%, we are aiming for 95% in the year of 2014

The current situation of Vietnamese health system.

- Health care for the whole population, the health system includes: public sector plays important role, part of public hospital involves private sector, private hospitals, medical centers and clinics, joint-venture hospitals, hospitals which are invested and managed by oversea organisations

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- 1. Hospital overload
 - 2. Under-supplied medical tools and equipments
 - 3. Under-staffed
 - 4. Medical system remote, rural and urban areas lack of uniformity.

Important issues that need consideration:

- Build more hospitals,
- Build research and drugs produced center,
- Reinforce local health system,
- Investment in equipments
- Augment the family doctor network
- Human resource development

Pharmaceutics

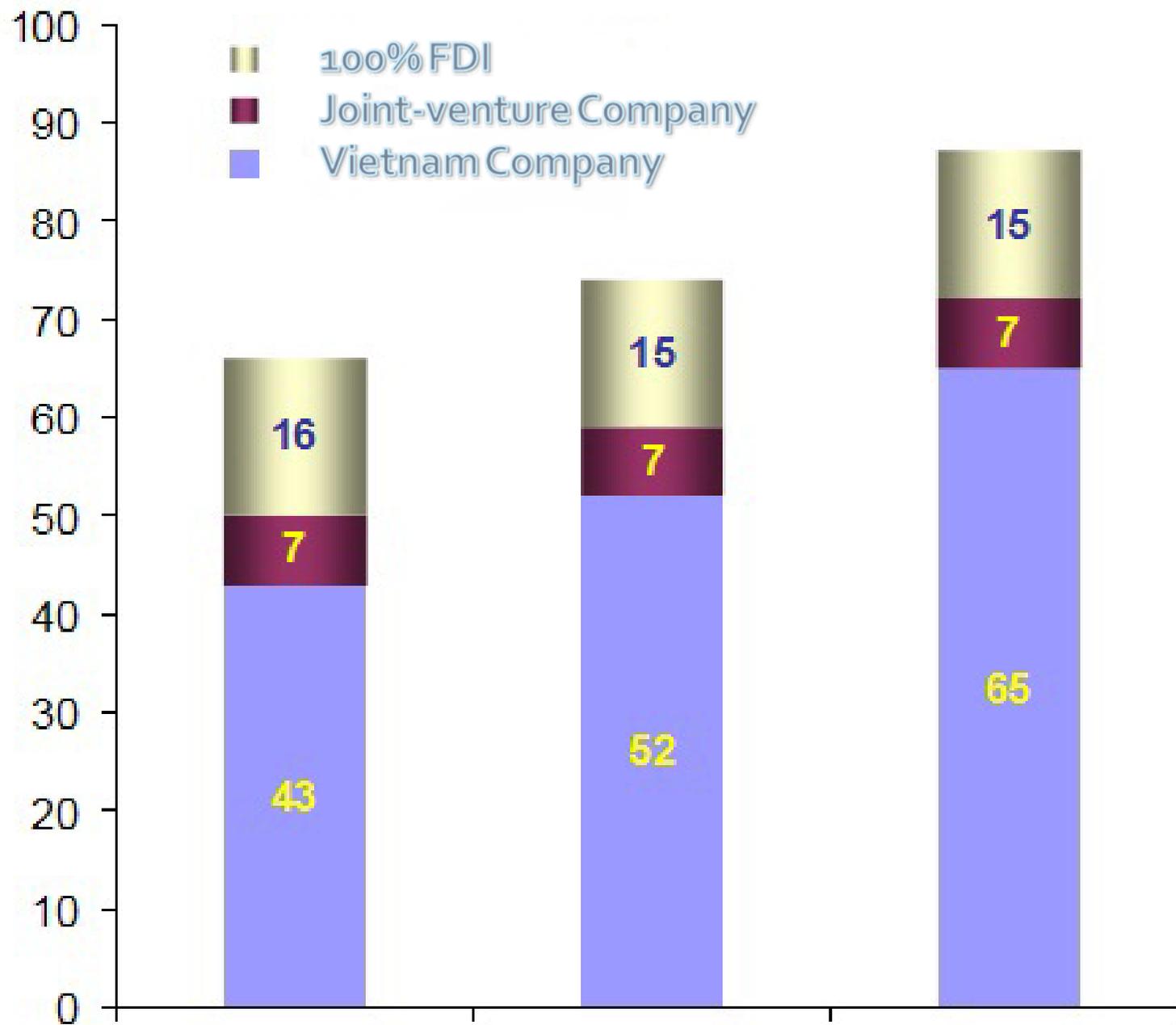
- There are 6 Pharmaceutical Colleges
- 1000 pharmacists graduated /year
- Almost pharmacists work in big cities,
- Lack of pharmacists in highland and countryside





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- 2008 :
 - 17 USD/people/year
 - 90 pharmaceutical companies get GMP standard
 - 2010 :
 - 15,200 Pharmacist
 - 1,8 pharmacists /10,100 people
 - 80% in pharmacy, companies, privates.
 - 20% hospitals, research centers

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- 1,2 billion USD/provide for 50% domestic need
 - VN: - 1300 domestic companies
 - 500 foreign companies
 - Big company : Sanofi Avertis Group
 Glaxo Smithkline



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- Japan-Vietnam relation was made official on 21st Sep, 1973
 - At Danang Hospital, many groups of Japanese doctors have come for practice and cooperation since 1997. Many doctors in Danang have been to Japan for fellowship training, various tools and equipments donation, at the moment, there are two volunteers, one equipment-maintaining engineer and one nurse who is working at ICU

Future collaboration:

- 1. Staff education and training.
- 2. Essential equipments: molecular biology department, electronic patient management system, DSA, navigation.
- 3. Hospital, wards building to reduce the issue of overload.

- The Japanese Covered Bridge was built in 3 years, in the beginning of the 17th century (1593-1617), about 25 km South of Danang City.

- Funding of Hai Van Tunnel was from Japanese Government ODA loans and Vietnam's corresponding capital, 2001-2005





BẢN ĐỒ HÀNH CHÍNH THÀNH PHỐ ĐÀ NẴNG



CHÚ GIẢI

-   Ủy ban nhân dân thành phố, quận (huyện)
-  Quốc lộ
-  Đường bộ khác
-  Đường sắt
-  Sông
-  Ranh giới tỉnh
-  Ranh giới huyện



Danang City



- ❖ Danang : economic, culture, education, science and technology in Central of Vietnam
- ❖ The fifth most populous city of Vietnam,(Ho Chi Minh City, Ha Noi, Hai Phong, Can tho).
- ❖ Area: 1,255.53 km² (of which the land is 950.53 km²; the Paracel Islands is 305 km²).
- ❖ Population: 887.070

Public hospital (3) & Private hospital(4):



**Nursing and
Rehabilitation
hospital**

**Emergency
Services**

**Eye
hospital**

**Women
and
Children
hospital**

**Danang
Hospital**

**Tuberculosis
and
Pneumonia
hospital**

**Dermatology
hospital**

**Psychiatric
hospital**

**Rehabilitation
and
Orthopedics
hospital**

**Oncology
hospital**



Danang hospital

- Establish: known as Hôpital de Danang prior to 1945
- After 1975 : renamed as Danang hospital.

- Da Nang hospital is the general hospital, one of the biggest hospital in the central of Viet Nam.

- 1250 beds

- 1363 staffs, 283 doctors





SIEMENS

SOMATOM Sensation

120 224 146
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05205







Name: LUMUX 465

Made in Japan

Year: 1987





Name: ESAOTE MEGAS GPX

Made in Japan

Year: 1998

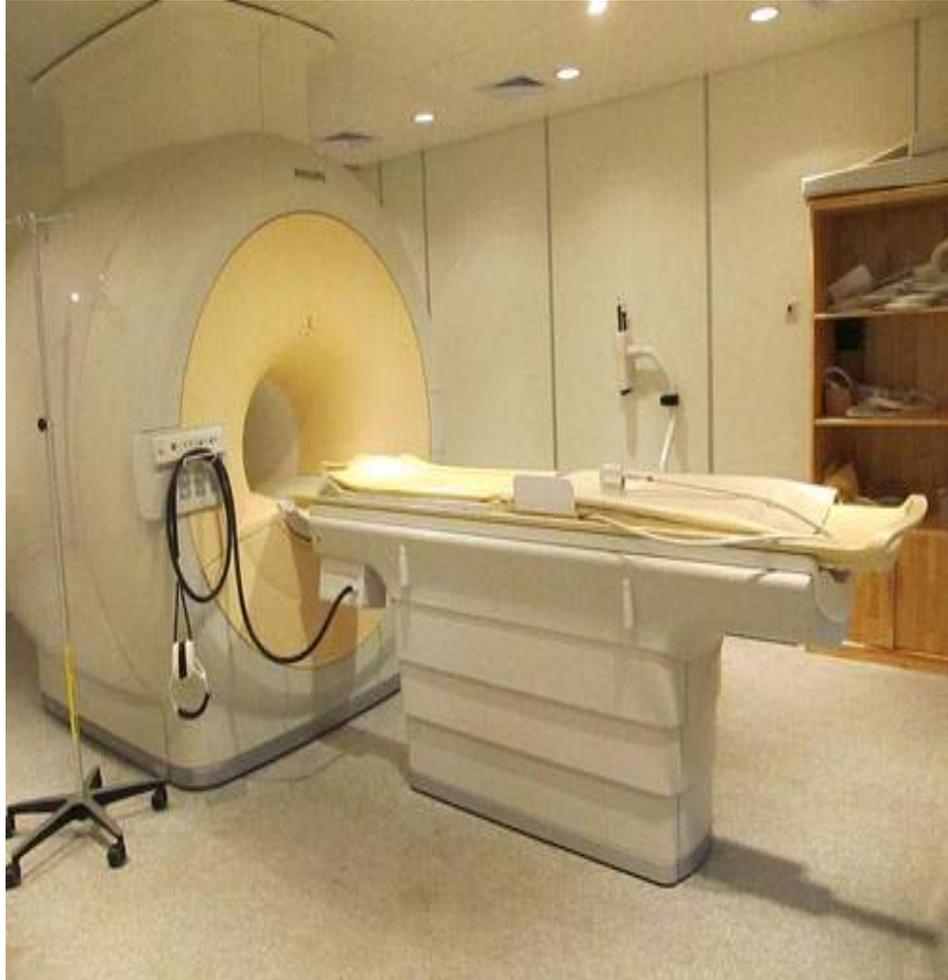
Name: HITACHI EUB-500

Made in Japan

Year: 1998



- MRI 1,5 Tesla



- Radiation





BỆNH VIỆN C ĐÀ NẴNG

CONFERE HỘI NGHỊ THƯỜNG NIÊN LẦN THỨ 12 HỮU THUẬT THẦN KINH VIỆT NAM

ANNUAL CONFERENCE OF VIETNAM NEUROSURGERY SOCIETY

Đà Nẵng, tháng 10 năm 2011



WELCOME DR. HIRAMOTO AND THE MEMBERS
OF THE ROTARY CLUB TO DANANG HOSPITAL





- 10/2/2012 : Meeting between Danang city government and Max Integra company
- In medical system : Improve on investment diagnostic and pharmaceuticals

THANK YOU VERY MUCH!

