

#### **Key to the Success in Telemedicine** - Possible expansion to Latin American and beyond -

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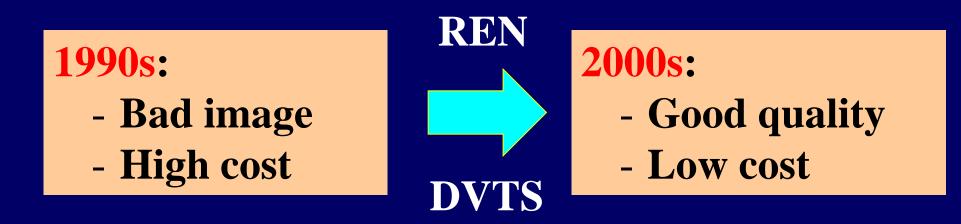
**KYUSHU UNIVERSITY** 

Specific characteristics/conditions in telemedicine

> High resolution > Moving images > Varieties at each hospital **\*** Common videoconference Technically 1. Sit in front of monitor challenging 2. Slides at most 3. Uniform equipment

# What was achieved during 10 years in 2000s

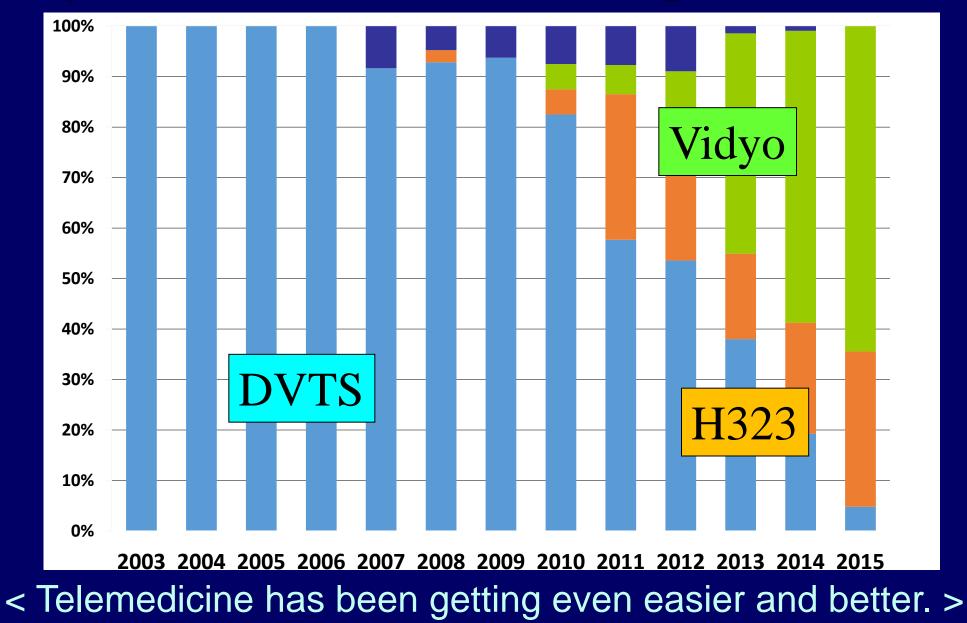




\*REN: Research and education network \*DVTS: Digital video transport system

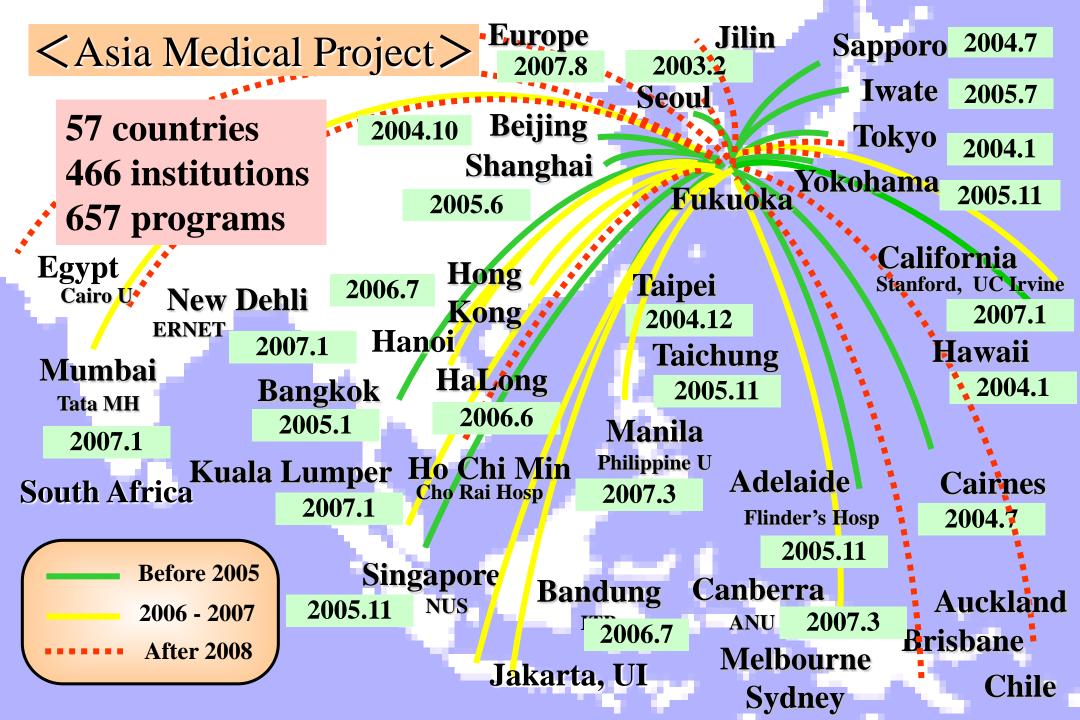
< Telemedicine became practical. >

## System: dramatic change in 2010s



### **Regular medical teleconference in Asia**



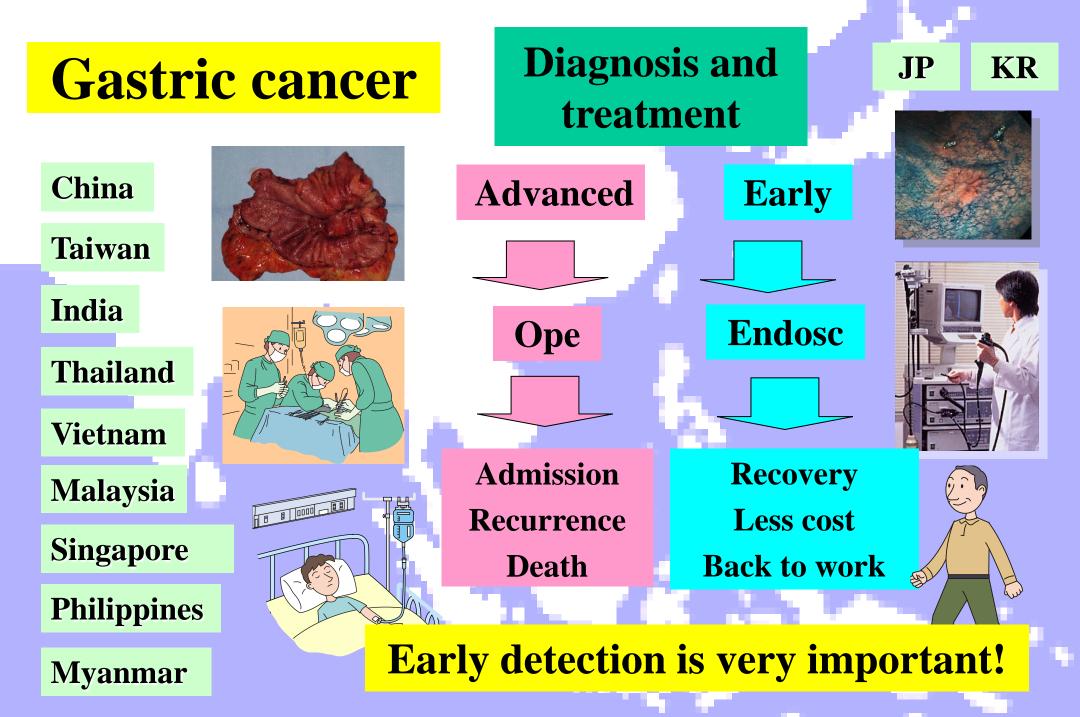


## Key to the success



## Medical Needs

## Training Hospital Engineers

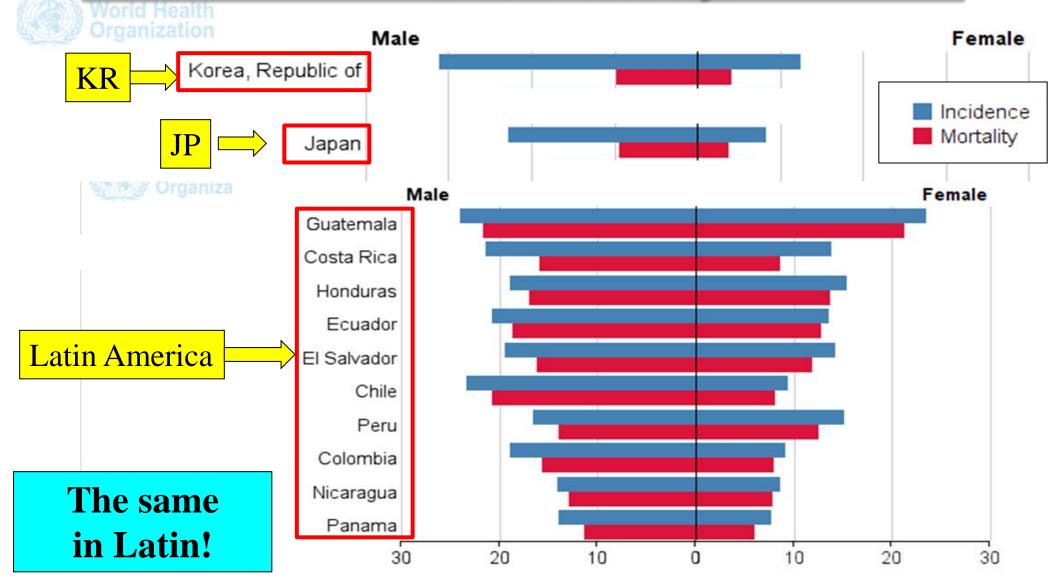


#### **China-Japan Early Gastric Cancer Teleconference**



#### Gastric Cancer in Latin America: Incidence/ Mortality

nterna



## The 8<sup>th</sup> Teleconference with Latin America **2015.3**



#### Gastric Cancer Screening in a High-Risk Country

Department of Gastrointestinal Oncology, Osaka Medical Center for Cancer and Cardiovascular Diseases Noriya Uedo

<sup>®</sup> Osaka MC for Cancer&CardiovascDiseases

BR

KUH, JP

INNCZ, MX Alemana, CL

企

2013.8.21

**Osaka**, JP

CR

MX

Cali, CO

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#### Invited doctors from Latin America to Kyushu Univ.

|            | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | Total |
|------------|------|------|------|------|------|------|-------|
| Brazil     | 3    | 1    | 3    |      | 1    | 1    | 9     |
| Colombia   |      | 1    |      | 1    | 1    | 2    | 5     |
| Chile      | 1    | 1    |      |      | 1    | 1    | 4     |
| Mexico     | 1    |      |      |      | 1    |      | 2     |
| Uruguay    | 1    | 1    |      |      |      |      | 2     |
| Costa Rica |      |      |      | 1    |      |      | 1     |
| Argentina  | 1    |      |      |      |      |      | 1     |
| Dominica R |      |      |      |      |      | 1    | 1     |
|            | 7    | 4    | 3    | 2    | 4    | 5    | 25    |

Synergy between local and remote education

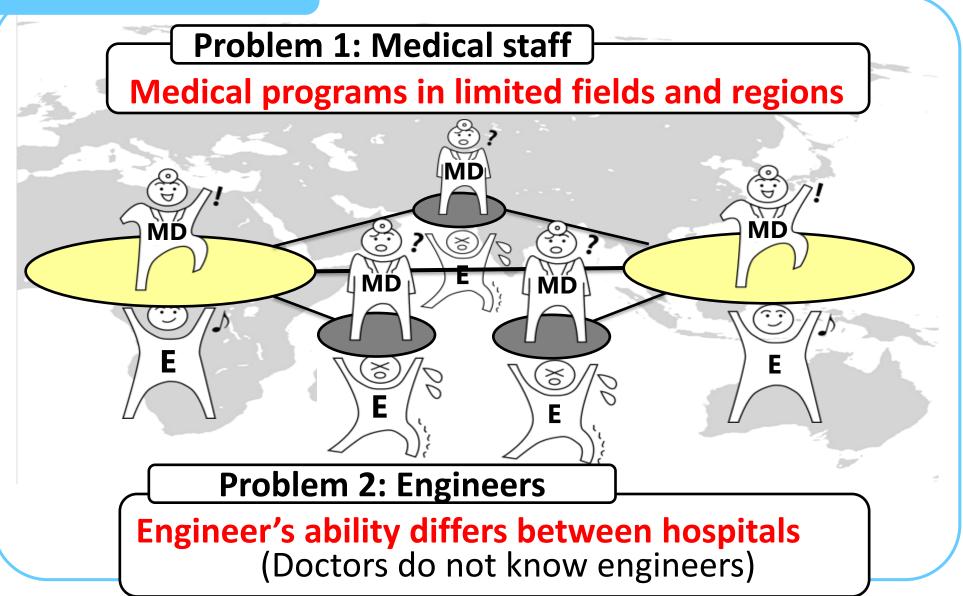
## Key to the success



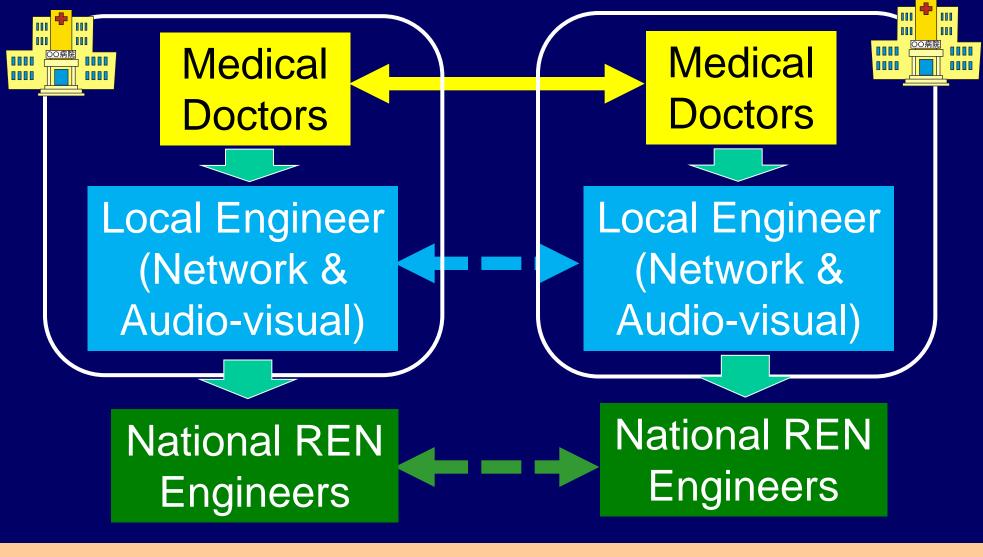
## Medical Needs

## Training Hospital Engineers

#### **Current status**



### **Team building**



The success depends on how good team you can make.

## Invitees to Training at APAN & TEMDEC

|             | APA   | AN (like TIC | TEMDEC |         |       |
|-------------|-------|--------------|--------|---------|-------|
| Country     | 40@MY | 41@PH        | 42@HK  | 1 month | Total |
| Thailand    | 2     | 0            | 2      | 3       | 7     |
| Vietnam     | 6     | 3            | 5      | 5       | 19    |
| Malaysia    | local | 1            | 3      | 1       | 5     |
| Indonesia   | 2     | 4            | 2      | 3       | 11    |
| Philippines | 0     | local        | 0      | 0       | 0     |
| India       | 2     | 2            | 2      | 0       | 6     |
| Nepal       | 1     | 2            | 1      | 1       | 5     |
| Bangladesh  | 0     | 2            | 1      | 0       | 3     |
| Sri Lanka   | 1     | 0            | 0      | 0       | 1     |
| Total       | 14    | 14           | 17     | 13      | 58    |

\* In 2016, seven hospital engineers will be invited from Latin America.

## **Engineers training**







## #3: Doctors & Engineers together!



#### Kyushu Univ. Hospital, Fukuoka

2014.12.12-13

#### Latin Remote Education Project for Early Gastric Cancer

