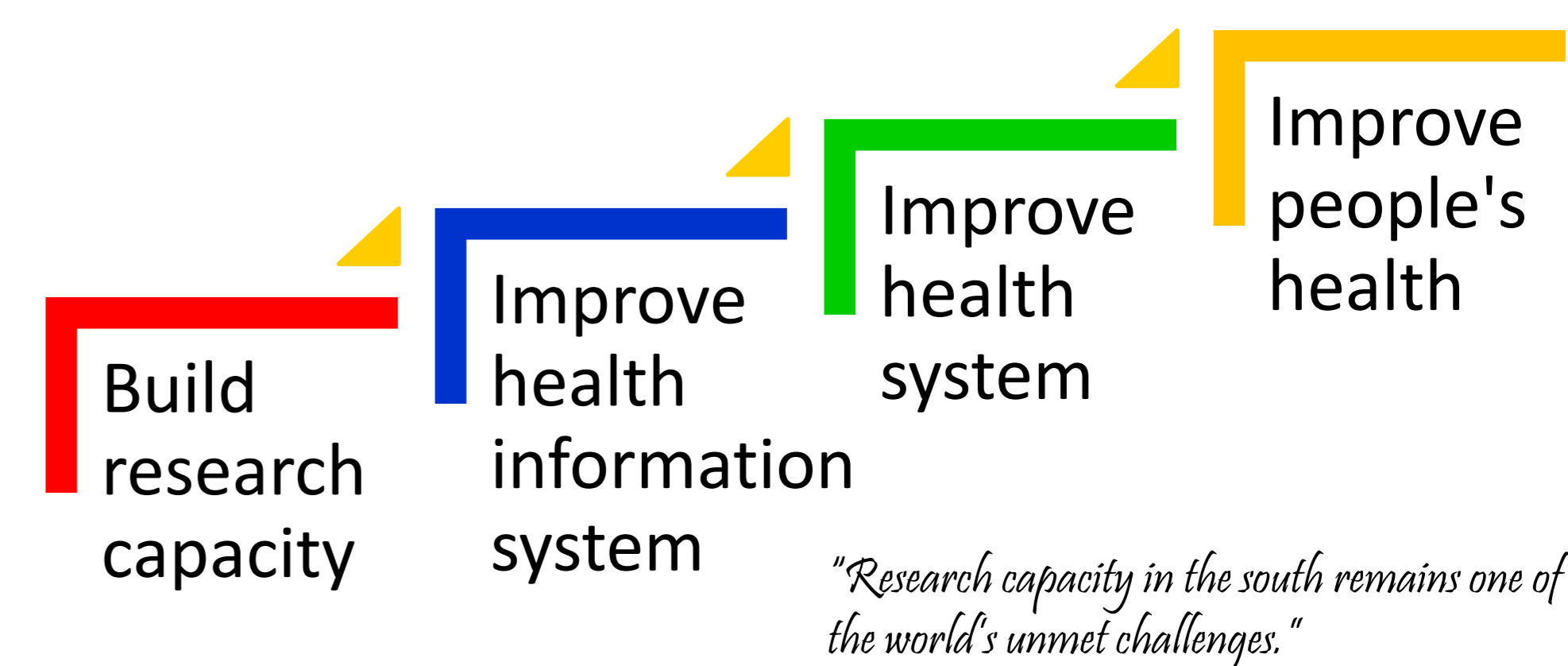


Capacity building toward evidence-based medicine among health care professionals in Ho Chi Minh City

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SLIDE 1

Background



Research capacity strengthening in the South.
 Nchinda TC. Soc Sci Med. 2002; 54: 1699-711.

SLIDE 2

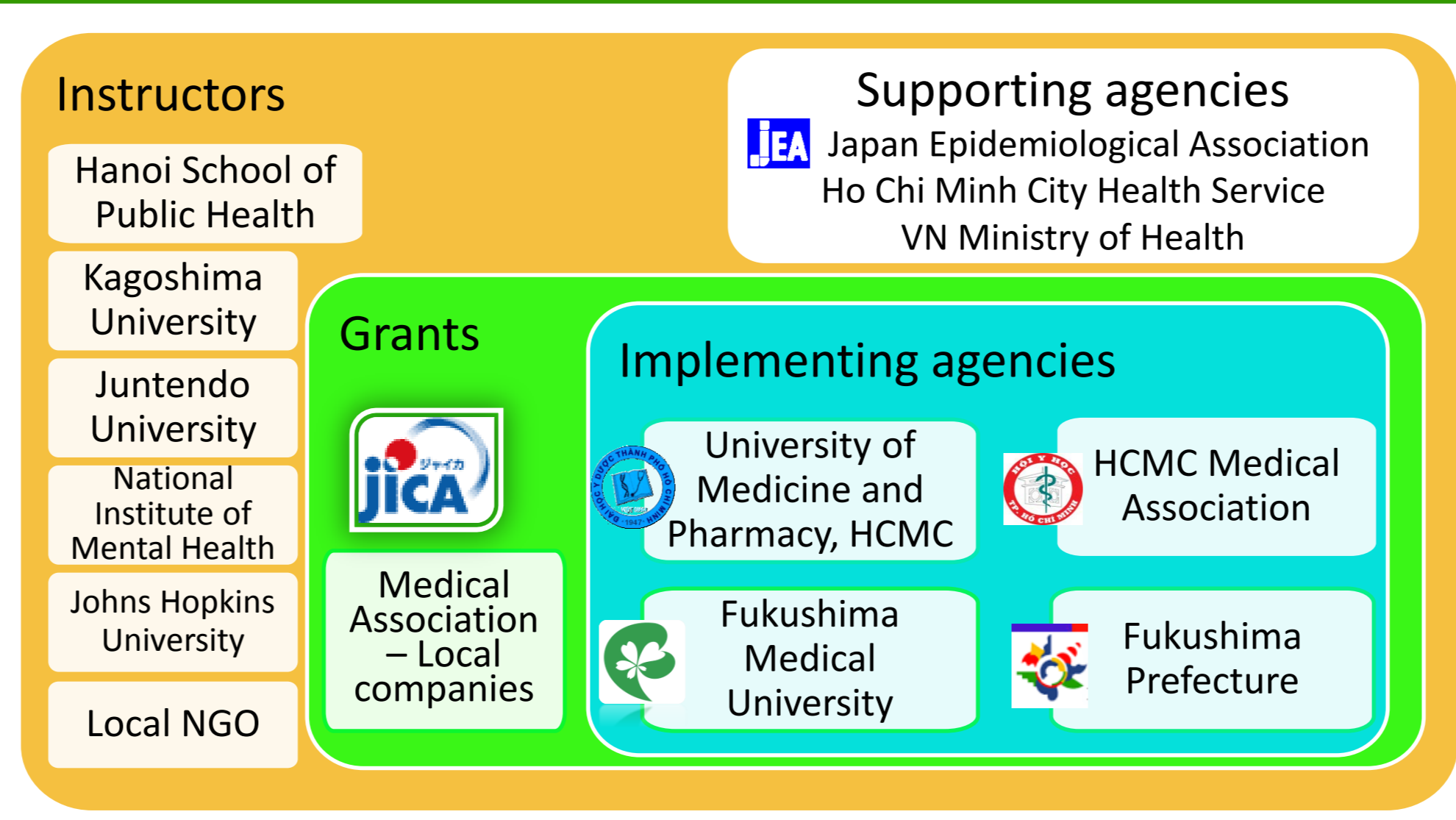
Project progress

This presentation reports short-term achievements from the Course VI.

	Courses I - IV	Course V (Three-series)	Course VI (Two-series)
Time	2004 – 2009	2010-2012	2013-2015
Grant	Gov. research grants	JICA	JICA + local company
Accreditation	University	University + City	University + City + Ministry
Target	Physicians at university	Physicians in the city	Physicians in the South of VN
Lecturers	JP	JP + VN + Third country	JP + VN + Third country

SLIDE 3

Project organization



SLIDE 4

Course content

	Course VI-1	Course VI-2	Training of Trainers
Duration	5 days (2014)	5 days (2015)	5 days (2015)
Lecture	- Basic and advanced lectures on epidemiology - Survey examples	- Basic and advanced lectures on biostatistics - Software demo	- Basic lectures on qualitative analysis - Software demo
Group work	- Critical appraisal - Proposal writing	- Data analysis	- Data analysis
Evaluation	- Group presentations - Knowledge test	- Group presentation - Knowledge test	- Group presentation

SLIDE 5

Teaching & evaluation methods

- ❖ Participants are divided into two groups.
 Audit group attends lecturers and in-class exercises.
 Project group also conducts research projects.
- ❖ Course materials are available on the course website.
 Course textbook (endorsed by the MOH) and slides
www.hcmc-fukushima-ebm.net
- ❖ Project evaluation is conducted by triangulating quantitative and qualitative data.
 Participant interviews and evaluation surveys

SLIDE 6



SLIDE 7



SLIDE 8

Course evaluation survey

Course VI-1: 104 (86%) of 121 registrants completed the course.
 17 were from 9 south regions and Hanoi.
 Course VI-2: 99 (83%) of 119 registrants completed the course.
 15 were from 13 south, central and north regions.

	Course VI-1 (N=89)	Course VI-2 (N=65)
Usefulness of training (superior)	94%	90%
Selection of topics (superior)	80%	75%
Course materials (superior)	82%	88%
Interest in similar course (superior)	94%	89%

Five-level scale was used and percentages of 4 and 5 are shown.

SLIDE 9

Self-evaluation of achievements

	VI-1 (N=81)	VI-2 (N=65)
"My knowledge in Epidemiology increased"	91%	80%
"My knowledge in Biostatistics increased"	59%	77%
"I gained confidence in understanding scientific articles."	72%	59%
"I gained confidence in my skills to design a study."	74%	44%
"I gained confidence in analyzing data."	37%	59%
"I gained confidence in conducting research."	60%	47%

Five-level scale was used and percentages of 4 and 5 are shown.

SLIDE 10

Repeat vs first-time attendants (VI-2)

	Repeat (N=38)	First (N=27)	P value
"My knowledge in Epidemiology increased"	84%	74%	0.31
"My knowledge in Biostatistics increased"	79%	74%	0.65
"I gained confidence in understanding scientific articles."	71%	41%	0.02
"I gained confidence in my skills to design a study."	55%	30%	0.04
"I gained confidence in analyzing data."	68%	44%	0.05
"I gained confidence in conducting research."	58%	30%	0.02

Chi-square test was used.

SLIDE 11

Achievements and plans

Achievements

- ❖ Trained about 100 participants in each course
- ❖ Outreached participants from wide regions
- ❖ Expanded project organization

Plans

- ❖ Among 11 proposed projects, 5 have been implemented.
 Supervision of these projects will continue till publication.
- ❖ Analysis of qualitative evaluation data is underway.
- ❖ A new 3-year plan is being discussed.

COI Declaration: The presenters have no conflict of interest with any corporate organizations relating to this presentation.

SLIDE 12