

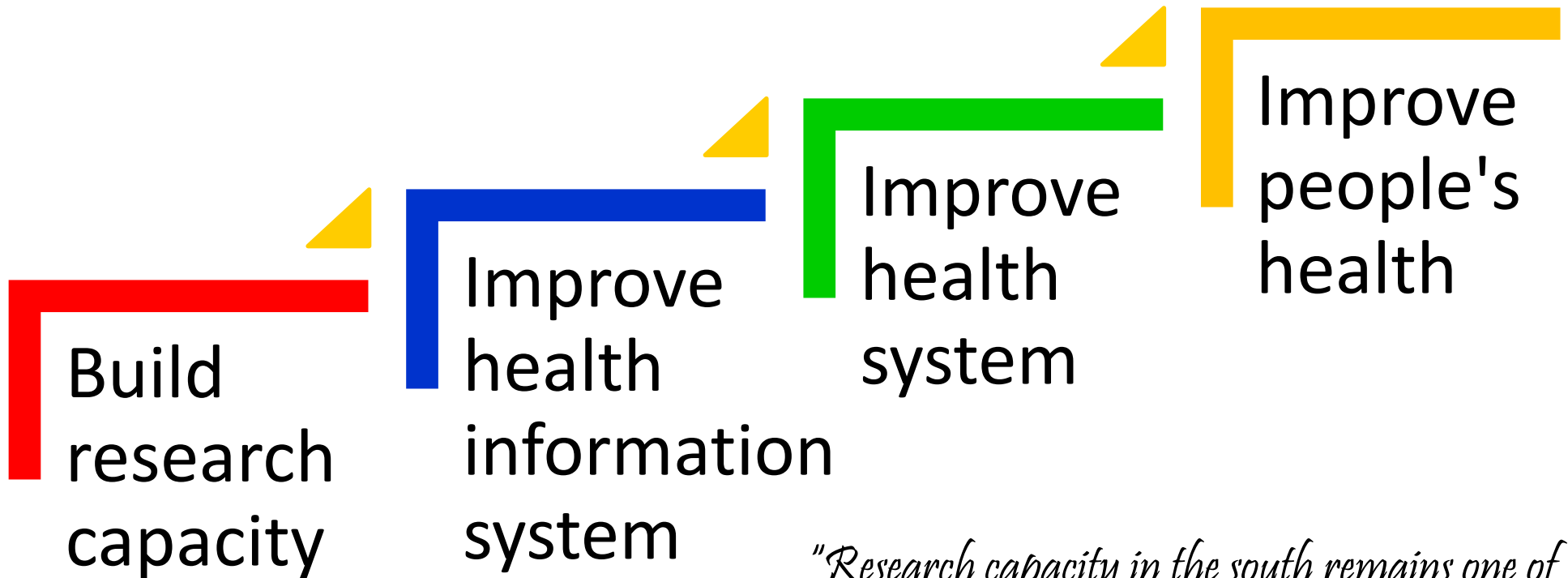
Capacity building toward evidence-based medicine among health care professionals in Ho Chi Minh City

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

Background




"Research capacity in the south remains one of the world's unmet challenges."

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

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

Project organization

Instructors

Hanoi School of
Public Health

Kagoshima
University

Juntendo
University

National
Institute of
Mental Health

Oregon State
University

Local NGOs

Supporting agencies

Ho Chi Minh City Health Service
Japan Epidemiological Association
VN Ministry of Health (Tentative)

Grants



Medical
Association
– Local
companies

Implementing agencies



University of
Medicine and
Pharmacy, HCMC



HCMC Medical
Association




Fukushima
Medical
University



Fukushima
Prefecture

Course content

This presentation reports short-term achievements from the Course VI-1.

	Course VI-1 	Course VI-2	Training of Trainers
Duration	5 days (2014)	5 days (2015)	5 days (2015)
Lecture	<ul style="list-style-type: none">- Basic and advanced lectures on epidemiology- Survey examples	<ul style="list-style-type: none">- Basic and advanced lectures on biostatistics- Software demo	<ul style="list-style-type: none">- Basic lectures on qualitative analysis- Software demo
Group work	<ul style="list-style-type: none">- Critical appraisal- Proposal writing	<ul style="list-style-type: none">- Data analysis	<ul style="list-style-type: none">- Data analysis
Evaluation	<ul style="list-style-type: none">- Group presentations- Knowledge test	<ul style="list-style-type: none">- Group presentation- Knowledge test	<ul style="list-style-type: none">- Group presentation

Teaching methods

Participants are divided into two groups.

Audit group attends lectures and in-class exercises.
Project group also conducts research projects.

Course materials are available on the course website

Course **textbook** and package
www.hcmc-fukushima-ebm.net





Evaluation framework: Kirkpatrick Model

Level 1

Course management and participants' reactions to the courses

- Course evaluation surveys
- Round-table discussions among staff

Level 2

Changes in knowledge, skills, attitudes

- Self-evaluation of achievements
- Knowledge tests

Level 3

Changes in behaviors in research

- Semi-structured interviews
- Post-course e-mail surveys
- Research projects' products

KM Level 1: Course evaluation surveys

Among 121 registrants, **104** (86%) completed the course.

	VI-1
Usefulness of training (superior)	94%
Selection of topics (superior)	80%
Course materials (superior)	82%
Course duration (long)	31%
Overall level (difficult)	47%
Interest in similar course (superior)	94%

17 graduates were from outside Ho Chi Minh City, covering 8 south provinces and the capital city in the north.

KM Level 1: Free written comments

Fifty-four participants wrote their opinions about what learned most.

Top 3 “What learned most”	N
Study designing	32
Research aims and processes	11
Literature search	10

“Research improves clinical skills and improves patients’ health.”

Fifty-one participants wrote their suggestions for the next course.

Top 3 “Suggestions for the next course”	N
More on biostatistics and data analysis	9
More practice sessions	6
Better printing of course materials	5

KM Level 2: Self-evaluation of achievements

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

KM Level 3: Group projects

Among 11 proposed projects, 5 have been implemented.

Supervision of group projects will continue till publication.

Achievements and plans

Achievements

- ❖ Trained over 100 participants
- ❖ Outreached participants from a wide southern region
- ❖ Expanded project organization
- ❖ Obtained high evaluation

Plans

- ❖ Will teach data analysis with more hands-on exercises
- ❖ Keep emphasis on teaching importance of evidence for improving health care services and people's health.
- ❖ KM Level 3 evaluation and training of trainers are scheduled in JFY 2015.

UNIVERSITY OF MEDICINE
AND PHARMACY –
HO CHI MINH CITY



Khóa tập huấn Nghiên cứu dịch tễ học - Lần VI-1

Epidemiological Research Training Course VI - 1

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