The Development of Community Health Nursing by University of Hyogo in Collaboration with Hasanuddin University and Health Agency of South Sulawesi

Dr. Ikuko Moriguchi  RN RPHN DPH
International Community Health Nursing
Research Institute of Nursing Care for People and the Community   University of Hyogo, Japan
My International Cooperation about Community Health Nursing in South Sulawesi

1. JICA nursing education project (1984-1985)
   Pendidikan Perawat berbasis komunitas di Sekolah Guru Perawat di Ujung Pandang (kerja-sama Teknik JICA)

   Survei dan Dukungan Kegiatan Bidan desa

3. JICA Training Project of community health nursing leaders in Indonesia (2001-2007)

4. Agreement on the Academic Exchange between University of Hyogo & Hasanuddin University (2007)

Background and objectives of international cooperation related to community health nursing in Indonesia

- In Indonesia, decentralization began in 2001 and expectations for primary health care (PHC) activities that are oriented toward community needs and the role of community health nursing has become more important.

- However, nursing staff with advanced education are concentrated in hospitals and cities, and there are few nurses that play a leadership role in community health nursing.

- The goal was to train leaders based on the PHC philosophy and community health nursing leader training and activities of community health nursing staff after return to Indonesia.
Training Project

“Nursing in Primary Health Care”

- JICA Partnership program
- For three years from 2001 to 2003
- Participants:
  - five educators and five community health nursing administrators in South Sulawesi
  - (three teachers from UNHAS)
Purpose of the training

1. Previous and current issues of PHC and nursing in the world
2. Process of development health policy, health system and community health nursing role on PHC in Japan
3. The present situation of nursing, health, medicine and social welfare and nursing education in Japan
4. Through the course, the participants identify the problems by sharing their situation and experience on PHC
5. They make an action plan to improve the identified problems and implement it after returning in Indonesia
Method

Training institution: College of Nursing, Art and Science, Hyogo (University of Hyogo)

Duration: one month in August or September

Participants: 4 people per year
- Two educators and two community health nursing managers in Province and Prefecture

Training institution: College of Nursing, Health Center in Hyogo, Japan Nursing Association Kobe training center, WHO Kobe center

Training methods: lecture, field study, making action plans using PCM methods
Fig 2: Historical Background of PHN’s Activities in the postwar Japan

- 1919: Tuberculosis prevention law
- 1937: Report system of TB patient / Health Center Law
- 1938: Establishment of Ministry of Health and Welfare
- 1941: PHN Regulation (1942-45: Increase of PHN)
- 1943: BCG started
- 1947: Child Welfare Law
- 1948: Vaccination Law / Eugenic Protection Law
- 1951: New TB Prevention Law (Modern National TB Program)
- 1958: School Health Law
- 1961: Health Insurance coverage for Whole Population
- 1965: Maternal & Child Health Law

Birth Rate
- 1900: 163.7
- 1910: 165.7
- 1920: 116.7
- 1930: 76.7
- 1940: 30.7
- 1950: 3.3
- 1960: 3.4
- 1970: 3.2
- 1980: 2.1

TB Mortality Rate
- 1900: 257.1
- 1910: 212.9
- 1920: 187.2
- 1930: 187.2
- 1940: 187.2
- 1950: 187.2
- 1960: 187.2
- 1970: 187.2
- 1980: 187.2
- 1990: 187.2
- 2000: 187.2

Infant Mortality Rate
- 1900: 30
- 1910: 20
- 1920: 10
- 1930: 10
- 1940: 10
- 1950: 10
- 1960: 10
- 1970: 10
- 1980: 10
- 1990: 10
- 2000: 10

1941-45 The World War II
Fig 1 Sistem pelayanan kesehatan di Japan dan Indonesia

Pyramid Diagram:
- **Japan**: MOH → Hyogo-ken (5,570,000 orang) → Awaji-shima (160,000 orang) → Tuna-gun (63,000 orang) → Goshiku-cho (11,000 orang) → WHO
- **Indonesia**: MOH → Provinsi Sulawesi Selatan (7,850,000 orang) → Kabupaten Maros (280,000 orang) → PUS II Pondok Bersarin → POSYANDU

Key Points:
- **WHO**: World Health Organization
- **JNA**: Japan National Association
- **MOH**: Ministry of Health
Fig 1 Network Community Health in the postwar Japan

National
- Ministry of Health and Welfare
  - National Policies and Programs (TB • MCH • National Health Insurance)
  - Budget on Health services

Prefecture
- Prefectural Government

District
(Pop 30,000 ~ 100,000)
- Health Center
  - Dr. • PHN • Nutritionist • Pharmacist
  - X-ray technician • Lab technician • Sanitary inspector

Village
(Pop 2,000 ~ 5,000)
- Village Office
  - Village head
- Agricultural Cooperative

Public Health Nurse
- Private Midwife

Hamlet
- Welfare Commission
- Health Volunteer
- Women’s association
- Anti TB Women’s association
- Youngmen’s association
- Community Residence Body

Household
Field study “Awaji prefecture Hospital”
Lecture of PCM, practice and presentation of Action plan
Closing ceremony
Follow up after half a year in Indonesia

Previous arrangement for Workshop of Community Health Nurse in South Sulawesi
Field observation at Model HC
Development of the first project in T. Prefecture

1st year (2001)
- Advice to Prefecture
- T. Prefectural Health office
- Training for HC with prefecture
- Model HC

S. Provincial health office

Collaborative Team
(Alumni JICA)

H. University

Teaching

Nursing student

Field practice in 6 weeks

Cooperation to project

continuity of action after practice

2nd year (2002)

PHC training by Alumni JICA in T. Prefecture

Spread to all health center (13 centers) in Model prefecture (T. Prefecture)

1st year (2001)
- Advice to Prefecture
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PHC training by Alumni JICA in T. Prefecture

Spread to all health center (13 centers) in Model prefecture (T. Prefecture)
The wider impact of the project to 4 model prefectures in S.Province

1st year (2001)
- Advice
- T.Prefectural HO
- Training

2nd year (2002)
- PHC training by alumni JICA in T.Prefecture
- Spread to all HC in Model prefecture
- Seminar participant (paid) (free)
  354 + 50 = 404
- Workshop participant 110 (16/26 pref.)

3rd year (2003)
- 3rd year
- P.Prefecture
- P. health school
- P. Prefectural Health office
- Nursing student

4th year (2004)
- 4th year
- M. Prefecture
- J. Prefecture
- Development of PHC activities to all prefectures in S.Province

CHN Seminar and Workshop in S. Province (February, 2004)
Seminar/Workshop of Community Health Nursing in South Sulawesi (Feb 2004 UNHAS)
Relation with Health Policy MOH

STRATEGI PELAYANAN PERKESMAS (2004)
Training Project of Community Health Nurse Coordinators in Indonesia

- Training of community health nursing supervisors will be conducted by leveraging the experience of Japanese public health nurses in health centers to systematically train CHN coordinators for the purpose of enhancing CHN in Indonesia after decentralization.

- Moreover, monitoring and follow-up will be provided to ex-paticipants, so that they can implement training of CHN coordinators and follow up on the training for the coordinators.
Gorls of the Project

- Ex-participants conduct the training for prefecture/city CHN coordinators
- The prefectural/city CHN coordinators perform their roles as the coordinators
  - Assignment of CHN coordinators in health centers and training for them
  - Holding regular meeting with coordinators and monitoring
  - Establishment of CHN model health center
- Ex-participants take the initiative in forming a network of prefectural CHN coordinators and perform their roles as supervisor.
- Trained CHN coordinators of health centers are able to make plan of action
Methods

Project period: Apr 2005～Mar 2008 (three years)

Participants: four educators and four community health nursing managers in South Sulawesi
  (two teachers from UNHAS)

Strategy:
① Training of CHN supervisor (MOT) in Japan (one month)
② Making Plan of Action and implement the training of CHN coordinators (TOT) in Indonesia
③ Monitoring and follow up survey after half a year
Courtesy visit to the president of University of Hyogo (Aug 2005)
Lecture of PCM, practice and presentation of Action plan
CHN Coordinator training of Kabupaten/Kota for 5 days
Trained CHN coordinators in Feb 2006
Follow up Seminar and workshop after one year  Feb 2007
Tgl 16 Feb  Sedang beristirahat dengan Bapak Ka Dinkes Propinsi, Bapak Dekan Fakultas Kedokteran
Follow up Seminar and workshop for 3 days in Feb. 2007
Related Organs of Training Project of CHN Coordinator

- JICA
- Hyogo Prefecture
- Indonesia

University of Hyogo
- Research institute of Nursing
- Care for people and Community

Hasanuddin University
- Divisin of Nursing, Faculty of Medicine

Universitas Hasanuddin

MOH
- Department of Nursing

South Sulawesi Health Office

South Sulawesi Kabupaten Health Office

Health Center

(Collaborative research)
Proses Pelatihan Koordinator Perkesmas di Sulawesi Selatan

University of Hyogo

Pengkajian lapangan mengenai aktivitas koordinator Perkesmas tingkat Kabupaten/kota

UNHAS

Pelatihan pembina koordinator Perkesmas (Jepang)

Dinkes SULSEL

Pelatihan Koordinator Perkesmas tingkat Kabupaten/kota

Dinkes Kabupaten/kota, Puskesmas

POA

Pelatihan pembina koordinator Perkesmas (Jepang)

Komite penyelenggaraan

Alumni JICA

Pelatihan pembina koordinator Perkesmas (Jepang)

Pemantauan dan tidak lanjut

POA

Pelatihan koordinator Perkesmas tingkat Puskesmas

POA

Pemantauan dan tindak lanjut

Seminar/Lokakarya Perkesmas tingkat propinsi

SK

Puskesmas Model

Dibagi dalam 5 tim pembina perkesmas

Implementasi
National Community Health Nursing Seminar & Workshop
(4~6 December 2007)

Collaboration of ex-participant (Almini JICA) & JICA Junior expert
Agreement on the Academic Exchange between University of Hyogo and Hasanuddin University (4 April 2007)
Start CHN Self Development Project in Sul Sel after JICA Project (2008–2010)
Pelaksanaan Perkesmas

- Pelatihan koordinator perkesmas
  - 2006: Pelatihan Koordinator perkesmas Tk Kab/Kota
  - POA: Pelatihan Koordinator perkesmas Tkt. di Puskesmas
  - 2007: Pelatihan Asuhan Keperawatan Komunitas & Keluarga
  - 2008: Keperawatan Komunitas & Keluarga
Perkesmas Mandiri 2008-2010

- Pada kegiatan ini tidak mendapatkan support dana baik JICA maupun University of Hyogo.

- Strategi agar perkesmas berkesnambungan:

  Masing2 Institusi: Dinkes propinsi, Keperawatan FK-Unhas, Poltekkes mensupport dana untuk kelanjutan kegiatan perkesmas.
Tahun 2008 : Pelatihan Asuhan Keperawatan (Agustus) Kom & Keluarga.

→ Biaya Keperawatan FK-Unhas

Tahun 2009 : Monitoring & Evaluasi
(Februari) Pertemuan Perkesmas Tk Kab/kota & Puskesmas → Biaya Dinkes Prop Sulsel

Tahun 2009 : Pelatihan Disaster Keperawatan (Agustus) → Biaya Keperawatan FK-Unhas

Tahun 2010 : Monitoring & Evaluasi
(Februari) Pertemuan Perkesmas Tk Kab/kota & Puskesmas → Biaya Dinkes Prop Sulsel

Tahun 2011 : International CHN Seminar (September) Evaluation Workshop (JICA follow-up team)
CHN Coordinator Training (Aug 2008)

地域看護コーディネーター研修(2008年8月)

研修を主催した地域看護指導者連

「地域看護の記録・報告」の講義

家庭訪問による記録様式の試行

訪問後の記録様式についてのディスカッション
Monitoring and Follow-up for each Kabupaten and Region

RG1: Takalar, Gowa, Makassar, Barru, Pare-pare

RG2: Sidrap, Soppeng, Bone, Wajo, Enrekang

RG3: Toraja, Luwu, Luwu utara, Palopo, Luwu Timur

RG4: Maros, Pangkep, Pinrang

RG5: Jeneponto, Bantaeng, Bulukumba, Sinjai, Selayar
Collaboration Research

- Monitoring and Evaluation of CHN Independence Project after JICA CHN Leader’s Training Project in Indonesia, Joint Conference of Japan Association for International Health and Tropical medicine, Nov, 2011, Tokyo
- Promotion of South Sulawesi Community Health Nursing Independence Project by CHN leaders after JICA Project in Indonesia, The 25th conference of Japan Association for International Health, Sep, 2010, Kyusyu
- The survey for the function of CHN Coordinators in the disaster through the experience in South Surawesi, The 1st research conference World Society of Disaster Nursing, Jan, 2010, Kobe
- Development of PHC activities in Indonesia after the "Nursing in PHC" training in Japan for Indonesian community health nursing leaders, ICN conference May, 2007, Yokohama
A. Background

Disaster happened as gradually and gave damaging effect to the society. Indonesia had earthquake and tsunami in Aceh five years ago, and still happened natural disaster in areas including South Sulawesi. In 2006 to 2007, South Sulawesi such as Maros, Wajo and Sinjai district had big flood, also Luwu district had landslide, which were handled by emergency team. Beside emergency team, either community health nurses (CHN) in the Health Center (HC) can be involved to give nursing care service. Because CHN are the biggest manpower in HC about 3003 (42,34%), who spread in 355 HC. This time, we have trained in the field of public health care and also have coordinator in province, district/city and HC level. Furthermore, we improve role and activity of CHN in natural disaster to coordinate public health care in district/city related with management and disaster care; before disaster, occurrence of disaster, and after disaster.

We planned collaborative workshop of management and disaster nursing (before, occurrence, and after disaster) which will do it, because of cooperation between Nursing program study, Medical faculty of Hasanuddin University, Health Department of South Sulawesi province, Crisis center of South Sulawesi province with University of Hyogo Japan.

B. Objective

1. General objective
To increase knowledge of CHN about management and disaster nursing (before, occurrence, and after disaster) for coordinators in district/city and HC level.

2. Special objective
a. Policy health department of Republic Indonesia to relief of natural disaster in Indonesia
b. Strategy to relief natural disaster by crisis center of South Sulawesi.
c. Strategy to relief natural disaster in Japan
d. Policy to relief natural disaster in health education program
e. Basic life support training and medical first responder
f. Experience of study to relief natural disaster in Japan

g. Role and activity of CHN coordinator in district/city and HC level in disaster (before, occurrence, after disaster)

C. Participant

1. Coordinator of CHN in district/city level 23
2. Coordinator of CHN in HC level 23

D. Strategy of Workshop
Lecture, Roll play, and group discussion

E. Time and place

Time: 12-14 August 2009
Place: Bapelkes Makassar

Schedule of workshop of disaster nursing for CHN Coordinator In South Sulawesi

<table>
<thead>
<tr>
<th>Date/Time</th>
<th>Activities</th>
</tr>
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<tbody>
<tr>
<td>12 August</td>
<td>Opening ceremony</td>
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<tr>
<td>08.30-09.30</td>
<td>Lecture</td>
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<tr>
<td>10.00-11.10</td>
<td>Policy to relief natural disaster in health education program</td>
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<tr>
<td>11.00-12.30</td>
<td>Strategic to relief natural disaster in Japan</td>
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<tr>
<td>13.00-14.30</td>
<td>Study experience to relief natural disaster in Japan</td>
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<tr>
<td>14.30-17.00</td>
<td>Policy of health department RI to relief natural disaster in Indonesia</td>
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<tr>
<td>19.00-21.00</td>
<td>Basic Life Support Training and Medical First Responder</td>
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<tr>
<td>13 August</td>
<td>Practice of Basic Life Support</td>
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<tr>
<td>08.00-09.00</td>
<td>Mental health nursing in disaster</td>
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<tr>
<td>10.00-11.00</td>
<td>Strategic to relief natural disaster, region crisis center Makassar</td>
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<tr>
<td>11.00-12.00</td>
<td>Presentation of survey of disaster nursing in South Sulawesi</td>
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<tr>
<td>13.00-16.15</td>
<td>Group Discussion I: Role &amp; Function of Coordinator in district/city management to relief natural disaster (before, occurrence, after disaster)</td>
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<tr>
<td>14 August</td>
<td>Group Discussion II: Role &amp; Function of Coordinator in model HC, Practice of disaster nursing</td>
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<tr>
<td>08.00-10.00</td>
<td>Group Discussion I and II</td>
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<tr>
<td>10.15-12.00</td>
<td>Discussion</td>
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<tr>
<td>13.00-15.30</td>
<td>Conclusion outcome of group discussion</td>
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<tr>
<td>15.30-16.00</td>
<td>Closing</td>
</tr>
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International CHN Seminar
(13 Sep 2011 UNHAS)

- Purpose: Conclusion of The CHN self Development Project in Sul Sel
- Participant: CHN Coordinators and students 477
- Program:
  - Report of JICA CHN coordinators Project (Moriguchi)
  - Report of The CHN self Development Project (Project leaders Ibu Werna, Ibu Yanti, Ibu Annie)
  - Presentation of CHN Activities by CHN coordinators
  - Lecture “Standard of CHN by MOH” (Director of Nursing)
  - Lecture “Monitoring and Evaluation” (Dr Hyoi)
Evaluation Workshop (14.15 Sep 2011)
Recommendation to nursing education institution in Indonesia

- Collaboration with health agency by project for human resource development through respect each other specialty
- Making model case first and extend to others
- Strengthen of empowerment through the project
- Collaboration with foreign countries and study each other as collaboration research
- Refresh-Training for graduated nurses based on problem solving (ex PCM method)
Terima Kasih