



Annual Report
World Health Organization Collaborating Center
for Nursing and Midwifery Development 2005
(WHO CC # 203)

Faculty of Nursing
Chiang Mai University
Chiang Mai, Thailand

Terms of Reference

1. Serve as a resource center in nursing and midwifery particularly for evidence base for nursing and midwifery for national and international communities
2. Serve as a resource center for training of nurses and midwives in evidence-based practice in nursing and midwifery
3. Promote and support research related to evidence base for services, education, and policy in nursing and midwifery
4. Promote and support the application and utilization of best practice in nursing and midwifery education and service
5. Collect and disseminate information on evidence-based practice in nursing and midwifery

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A Message from the Director



The WHO CC for Nursing and Midwifery Development, Faculty of Nursing, Chiang Mai University (FON, CMU) serves as a resource center in nursing and midwifery particularly regarding evidence for nurses. The center also serves as a support and training center for nurses in evidence based practice and midwifery. The WHO CC here in the FON aims to promote research and support the application and utilization of best practice in nursing and midwifery education. These are all exciting, continual projects, which will aid the advancement and elevation of knowledge in the profession of nursing and midwifery.

Throughout 2005, our WHO CC has undertaken many workshops and training courses to strengthen human capacity building. We have had the pleasure of numerous health professionals join us on these courses from all countries in the SEAR and around the world. These training courses and workshops have been in a wide variety of topic areas for example, strengthening participants' capability to work with HIV/AIDS, community participation in elderly care, nutrition, maternal and child health and strengthening of cross cultural competencies of Thai experts. We have also been continuing to develop clinical practice guidelines and promote and encourage evidence based practice in nursing, these ventures will be continued into the future. Furthermore, faculty members have been chosen by WHO SEARO to be consultants in various nursing areas for institutions and government agencies within Thailand and the SEAR.

Also in 2005, I had the honor of visiting Glasgow Caledonian University, School of Nursing, Midwifery and Community Health in Scotland. Glasgow Caledonian University, Scotland is also a WHO Collaborating Center for Nursing and Midwifery Development as well as the Secretariat of Global Networks of WHO CC for Nursing and Midwifery. Moreover, Dr. Jean Yan who is the Chief Scientist for Nursing and Midwifery from WHO Geneva visited with us. The Faculty of Nursing, here at Chiang Mai University publishes a quarterly Nursing Research Newsletter where all the courses, workshops, consultations and future events from the WHO CC are mentioned and discussed for the benefit of all interested parties.

The WHO CC in Nursing and Midwifery Development here at the FON, CMU is growing stronger each year. In 2005, the center continued to work collaboratively with other organizations nationally and internationally, the FON, CMU is also a Collaborating Center of the Joanna Briggs Institute, Australia also known as the Thailand Center for Evidence Based Nursing and Midwifery. I am very proud of all the accomplishments that the faculty members have achieved and of all the positive research and evidence based practices that have emerged over the last year within our school. This report will highlight some of the major achievements from our World Health Organization Collaborating Center for Nursing and Midwifery Development.

Assoc. Prof. Dr. Wipada Kunaviktikul, DSN, RN
Director, WHO CC for Nursing and Midwifery Development (#203)
Faculty of Nursing, Chiang Mai University, Thailand

Summary of Outcome Evaluation
WHO Collaborating Center for Nursing and Midwifery Development
(WHO CC No. 203)
Faculty of Nursing, Chiang Mai University
During January-December, 2005

Terms of Reference # 1

Serve as a resource center in nursing and midwifery particularly for evidence base for nursing and midwifery for national and international communities

Activities

- Provide information regarding recent developments in nursing and midwifery development to WHO and work collaboratively with other WHO CC's.
- Serve as a resource center for training of nurses and midwives in advanced specialty areas.
- Provide Consultancies to organizations on behalf of WHO.

Expected Outcome

- Provided information to WHO and other WHO CCs at least once a year [The Center will be recognized as a resource for research and development of nursing and midwifery both nationally and internationally].
- 20 – 30 participants will be trained each year.
- A report of quality improvement from selected nursing services and educational institutions each year.

Outcome Evaluation

Achieved

- Provide information to WHO and other WHO CC's via web page <http://www.nurse.cmu.ac.th>
- In addition, information also provided in FON Quarterly Newsletter, distributed to various organizations at a national and international level including pamphlets and brochures.
- Be a member of Global Network of WHO CC of Nursing and Midwifery Development and provided information to this WHO CC.
- 10 international short training courses were conducted in 2005 (197 international trainees) in a variety of area in nursing and midwifery (see Appendix A).
- 36 national short training courses were conducted in 2005 (2,806 Thai trainees) in a variety of areas in health and nursing (see Appendix B).

Establishment of WHO Networking Partnership

As a WHO Collaborating Center we are part of the Global Network of WHO CC for nursing and midwifery, there are 36 such centers around the world. The central purpose of the Global Network is to strengthen and promote nursing and midwifery leadership, education, practice and research. During March 21st – 22nd 2005 Dr. Wipada Kunaviktikul, Dean and Director of WHO CC, visited Glasgow Caledonian University, School of Nursing, Midwifery and Community Health in Scotland. Glasgow Caledonian University, Scotland is also a WHO Collaborating Center for Nursing and Midwifery Development as well as the Secretariat of Global Networks of WHO CC for Nursing and Midwifery. Dr. Wipada met with Professor Barbara Parfitt who is the Secretary General of the Global Network of Nursing and Midwifery Development, and her assistant Linda Ferguson. They spent time together discussing the initial action between the schools and shared information on each center. After discussing cooperation between the WHO Collaborating Centers, they went on to discuss the possibility of collaborative research between the Faculty of Nursing, Chiang Mai University and the School of Nursing, Midwifery and Community Health, Glasgow Caledonian University.



Linda Ferguson, Dr. Wipada Kunaviktikul, and Professor Barbara Parfitt

October 30th - 31st 2005 was the visit of Dr. Jean Yan, WHO, Chief Scientist for Nursing and Midwifery from WHO Geneva, Switzerland. Dr. Yan visited the FON, CMU to discuss our WHO CC research collaborations and other collaborations to strengthen nursing and midwifery in this region. Dr. Yan also gave a special lecture titled 'Roles of Nursing in a Global World', for doctoral students and faculty members.



**Dr. Jean Yan
Providing Information**

Information regarding recent advancements and progress in nursing and midwifery development is also provided in the FON Quarterly Nursing Research Newsletter, distributed to various organizations at national and international levels, pamphlets and brochures are also available for distribution. In addition, research newsletters are available through our websites www.nurse.cmu.ac.th/~webeng/newsletters.htm.



FON Quarterly Newsletter

International Workshops

1. Regional Training of Trainers on Nursing and Midwifery Management in HIV/AIDS Prevention, Care, and Support
2. Health Promotion and Management for Elderly
3. Strengthening of Cross Cultural Competency of Thai Experts
4. HIV/AIDS Prevention and Care for Children and Vulnerable Young People
5. Prevention of HIV/AIDS among Adolescents and Young People
6. Regional Training of Trainers on Nursing and Midwifery Management in HIV/AIDS Prevention, Care, and Support
7. Regional Consultation on HIV/AIDS and Young People
8. Nutrition for Maternal and Child Health
9. The Promotion of the Elderly's Well-Being and Community Participation towards Healthy Ageing
10. Management of Health Care Resources and Personnel

1. Regional Training of Trainers on Nursing and Midwifery Management in HIV/AIDS Prevention, Care and Support

The Faculty of Nursing, WHO CC, Mahidol University, the Department of Nursing, Ramathibodi Hospital, Bamrasnaradura Infections Disease Institute, the Ministry of Public Health and the Faculty of Nursing, WHO CC, Chiang Mai University, organized the twelve week Regional Training of Trainers on Nursing and Midwifery Management in HIV/AIDS Prevention, Care and Support, supported by World Health Organization, South East Asia Region Office (SEARO) on March 30th-April 26th, 2005. There were 10 health care providers from Indonesia and Bangladesh participating in this workshop.



Participants at the Nursing Research Center, Faculty of Nursing, Chiang Mai University



Participant Field Visit

2. Health Promotion and Management for the Elderly

The Faculty of Nursing, Chiang Mai University WHO CC has seen the need for an increase in qualified personnel to work with the elderly, especially nowadays as life expectancy has increased and will continue to increase. Today there are approximately 590 million people over the age of 60 and 60% of these elderly people live in developing countries, this statistic shows that there is a great need for education in health promotion and management of the elderly. Therefore, during May 16th to 20th 2005 a workshop was held on the topic of 'Health Promotion and Management for the Elderly', organized by WHO CC, FON, CMU, the Gerontological Nursing Program, the Department of Medical Nursing and supported by the WHO. The course was developed to increase knowledge on health promotion for the elderly and to provide the participants with experience in planning health promotion services. It was also necessary that the course helped develop networking for the participants in planning health promotion services for the elderly.



With Dean Wipada Kunaviktikul and FON faculty members



Participant Field Visit

3. Strengthening of Cross Cultural Competency for Thai Experts

The WHO Collaborating Center, FON, CMU held a national workshop on ‘Strengthening of Cross Cultural Competency of Thai Experts’ during May 25th – 27th, 2005, and the workshop was funded by WHO, Thailand. Thai experts from around the country attended and the main focus of the workshop was for Thai experts who wanted to prepare themselves for work in other countries. Academic studies have long held the belief that cross cultural training affords international sojourners a better chance of succeeding in the host culture. The training helps workers to develop skills that will allow them to better adapt to the host culture. Thai experts have a wide variety of different attributes and skills and they would be an asset as consultants in other countries. However, many Thai experts lack some cross cultural skills which would assist them in the transition into their host country. Cross cultural competency is needed today more than ever because of the growing diversity that characterizes our global populations, lack of cultural competency could result in cultural imposition and misunderstanding. In Thailand there has been no training on cultural competence, therefore the workshop on ‘Strengthening of Cross Cultural Competency for Thai Experts’ was conducted.



Group Picture at the Opening Ceremony



Sharing Experiences among Participants

4. Prevention of HIV/AIDS among Adolescents and Young People

The situation of HIV/AIDS has become a major health problem for all the countries in the Asia - Pacific region and throughout the world, with wide ranging medical, social and economic consequences. By 1997, South and South East Asia accounted for an estimated 5.2 million of the 22.6 million adults and children living with HIV in the world. Young people aged 15-24 are most threatened with HIV, globally accounting for half of all new cases. Thailand has been monitoring the HIV/AIDS situation since 1985, and has thus gained a clear picture of the spread of HIV as it became a major public health threat. HIV/AIDS prevention and care for children young people is vital therefore the FON, CMU developed and conducted the program on HIV/AIDS Prevention and Care for Children and Vulnerable Young People during July 25th- August 5th, 2005. There were 15 participants from 10 countries namely; Sri Lanka, Nepal, Indonesia, Vietnam, Myanmar, Pakistan, China, Bhutan, Mongolia, Thailand. This workshop helped participants to understand the situation of HIV/AIDS among children and vulnerable young people and share knowledge and experiences of HIV/AIDS prevention and care. Furthermore, participants identified effective solutions and means to prevent and care for children and vulnerable young people; and they developed networking among

themselves and other organizations involved in the HIV/AIDS prevention and care for children and vulnerable young people.



Group picture at the Opening Ceremony



Participants Field Visit

5. Prevention of HIV/AIDS among Adolescents and Young People

In Asia, it has been found that young people between the ages of 15 and 24 years are most at risk from HIV/AIDS due to intravenous drug use and unsafe sexual practices. Almost half the global population is less than 25 years old therefore it is vital to reach these young people with preventative education. Across the globe, adolescents are confronted with family problems along with social and developmental pressures, which can often lead them to drug use and unsafe or promiscuous behavior. Over the years, many lessons have been learned on the prevention of the disease, Thailand has also had the experience of conducting nation-wide AIDS educational programs, with positive results. This training course ran for two weeks from August 22nd to September 2nd the 24 participants were from 8 countries in Asia; Cambodia, Indonesia, Myanmar, Vietnam, China, Nepal, Bhutan and Thailand. Emphasis was placed on the knowledge and experience of the participants through lectures, presentations, group discussions, visual aids, problem-solving methods, question time, study visits, and the presentation of papers. Overall the participants increased their knowledge and gained experience on prevention of HIV/AIDS among adolescents and young people. Experience was shared from both Thailand and participating countries, awareness was increased, and networking among government and non-government agencies, at country and international

levels was developed. Long term networking base of participating personnel and institutions has been sustained.



The Opening Ceremony



Participant Field Visit

6. Regional Training of Trainers on Nursing and Midwifery Management in HIV/AIDS Prevention, Care, and Support

The FON, CMU conducted a workshop for regional training of trainers from September 10th – 30th, and it consisted of 27 participants from Iran, India, Bhutan, Bangladesh and Indonesia. The participants on this workshop shared experiences on HIV/AIDS in Thailand and the participating countries. They learned to understand the circumstances and development implications of the epidemic, community-based initiatives, and the epidemiological responses to HIV/AIDS. Furthermore, they developed AIDS policy for trainers in particular, at the local level in prevention and care and they developed inter and intra country networks on HIV/AIDS information.



Commemorative Present from Dean Wipada Kunaviktikul



Lecture in Classroom

7. Regional Consultation on HIV and Young People

During October 11th and 14th 2005 the Faculty of Nursing, Chiang Mai University organized the notable 'Regional Consultation on HIV and Young People' supported by the World Health Organization Regional Office for South East Asia. This regional consultation was the first meeting of its kind at a global level and was of significant importance. It gave representatives from the south East Asia regions the opportunity to share with each other knowledge and lessons learned from their countries and also lessons that have been learned here in Thailand. The consultation also allowed for program managers of AHD and HIV/AIDS from SEARO member countries to build consensus on regional strategy on HIV and Young People. During the consultation, the participants were able to share different tools and guidelines and make plans of actions for joint activities in the future.



Group Picture at the Opening Ceremony



Workshop Chair Organizer Welcoming the Participants

8. Nutrition for Maternal and Child Health

Correct nutrition is vital for proper human growth and development and a mother's health profoundly affects the health and well-being of her children. While maternal mortality remains unacceptably high throughout the developing world, a number of countries including Thailand have achieved significant reductions in maternal deaths from pregnancy-related causes. Although the precise contribution of nutrition to maternal and infant health cannot yet be distinguished from genetic, environmental, or behavioral factors that affect risk, an inadequate diet during pregnancy increases the probability of a low birth weight (LBW) infant, who, in turn, has an increased risk of mortality. Well-nourished mothers who gain appropriate amounts of weight during pregnancy generally give birth to heavier, healthier babies. Therefore the FON, CMU conducted this important short training course on Nutrition for Maternal and Child Health during October 31st-November 11th, 2005, and the main emphasis was to deliver nutrition information for infants and maternal health and also for the participants to exchange nutritional knowledge and experiences. In addition, networking among participants involved in promotion of nutrition and prevention of malnutrition in infant, preschool children, and pregnancy and lactation women was developed. The training course also emphasized the importance of effective strategies and solutions to prevent malnutrition in infants, pregnant and lactating women.

The short training course ran for two weeks with 16 participants from 9 countries in the region (Philippines, Myanmar, Mongolia, Pakistan, China, Sri Lanka, Nepal, Lao PDR and Thailand) and the course was conducted using the form of lectures, group discussions, presentations, observations and field studies.



The Opening Ceremony



Participants Field Visit to the Hospital Nutrition Center

9. The Promotion of the Elderly's Well-Being and Community Participation towards Healthy Ageing

The situation of the elderly in the world is changing, as the population of elderly people rises in each country, one in every ten people is 60 years or over. This is a global phenomenon, and can be seen in Asia as well as the rest of the world. The proportion of elderly in the population of every country is growing, and we need to be aware of the problems that could occur before they become crucial. Many developing countries are not well prepared for population ageing or the health and well being of older people. Elderly people and their communities need to be made aware themselves of health promotion practices that they can carry out to maintain good health as they age. The Faculty of Nursing, Chiang Mai University would like to raise awareness of these issues and to prepare personnel qualified for working towards good health and well being of the elderly. Therefore this workshop on The Promotion of the Elderly's Well-Being and Community Participation towards Healthy Ageing took place during November 21st-December 2nd, 2005.

This two week workshop consisted of twenty five participants from ten countries in the region; China, Mongolia, Myanmar, Cambodia, Sri Lanka, Malaysia, Bhutan, Vietnam, Nepal, and Thailand. During the workshop the participants learned about the issues of elderly

care and the principles of care that can be adopted to maintain the health and quality of life of the elderly, and how to involve the community and the families of the elderly in the promotion of good health and the prevention of disease. The participants had the opportunity to exchange knowledge and experiences with experts in the field, including impacts and problems. Moreover, they had the opportunity to visit organizations concerned with elderly care in Chiang Mai and observe the practices in the field.



Group Picture at the Opening Ceremony



Participants Field Visit

10. Management of Health Care Resources and Personnel

Correct management of health care resources and personnel is vitally important for the overall success of health care institutions and organizations, especially within Asia where there are many minority workers. With this in mind, the FON, CMU was asked to conduct the workshop on Management of Health Care Resources and Personnel for 7 participants from the Ministry of Public Health, Laos PDR during November 14th-18th, 2005. The main purpose was for the health workers from Laos to learn about development and education for ethnic minority health workers. The participants gained experience on community based organizations regarding the health promotion and prevention. They learned to identify and prioritize problems related to the training/education for ethnic minority health workers. Furthermore they studied the training/education programs for ethnic minority people being implemented and studied on the development, the management, the outcome and impact of local curriculum for ethnic minority people.



Laos Participants with Dr. Wipada Kunaviktikul

Regional Workshop to Enhance Media Awareness on Human Resources for Health

World Health Day (WHD) 2006 was a unique opportunity to raise awareness on the issues of Media Awareness on Human Resources for Health. It was also an occasion to stimulate action; to advocate national governments, international donors, non governmental organizations, the private sector, the media, community based groups and individuals alike to learn about, plan for and undertake sustainable activities that aim to improve the well being of health workers.

It is well recognized that the media have a very important role in driving public opinion and actions. For this reason a workshop was proposed for prominent media personnel from member countries in the SEA region. The Faculty of Nursing, Chiang Mai University, WHO Collaborating Center for Nursing and Midwifery Development (# 203), entered into an Agreement for Performance of Work (APW) with the WHO SEARO to support them in the venture. This Regional Workshop to Enhance Media Awareness on Human Resources for Health was held on March 9th and 10th 2006. The workshop consisted of 35 participants from Bangladesh, Bhutan, India, Indonesia, Maldives, Myanmar, Nepal, Sri Lanka, Thailand, Timor Leste, and Switzerland. The two day workshop consisted of individual and panel presentations, discussions, question and answers, case studies, group work, plenary discussions and a press conference.



Group Picture at the Opening Ceremony

International Consultations

Prof. Dr. Wichit Srisuphan and Assoc. Prof. Wilawan Senaratana, faculty members of the Faculty of Nursing, Chiang Mai University, are currently serving as WHO consultants in developing the National Nursing and Midwifery Association Council (NNMAC) in Viet Nam. As WHO consultants, they are expected to do the followings:

- Give advice and recommendations to the Ministry of Health in establishing the National Nursing and Midwifery Advisory Council
- Develop guidelines for NNMAC (objectives, structure, duties, and its working relation within Vietnamese context)
- Identify priority activities and develop work plans for the NNMAC
- Prepare members of the working group for the future roles of the NNMAC's members and
- Write a mission report and other relevant documents about recommendations concerning NNMAC.

Wait for picture (if any)

Terms of Reference # 2

Serve as a resource center for training of nurses and midwives in evidence-based practice in nursing and midwifery

Activities

- Provide national trainings/workshops on evidence based nursing and midwifery.
- Provide international training on evidenced based nursing and midwifery.

Expected Outcome

- Trained nurses in evidence based practiced nursing and midwifery, 2-3 times a year.
- Provided training to international nurses/midwives as requested.

Outcome Evaluation

- National workshops and special lectures have been conducted in evidence based clinical practice guidelines development (See Appendix C).
- There have been international visitors frequently; however no formal international training this year.

Evidence Based Practice Workshops

The health care environment around the world strongly needs evidence-based practice and outcomes measurement should focus on health care costs. Bridging the gap between clinical practice guidelines and clinical practice is a big challenge and effective strategies to teach evidence-based health care are necessary for undergraduate, graduate and continuing education as well as for practitioners, managers and policy makers. With this in mind, during 2005 faculty members from the FON, CMU have been involved in a number of workshops and special lectures on various topics of evidence-based practice.

The FON, CMU is also The Thailand Center for Evidence Based Nursing and Midwifery: A Collaborating Center of The Joanna Briggs Institute (JBI). As a Collaborating Center of the JBI our aims are to work with researchers, clinicians and managers to identify those areas where health professionals most urgently require summarised evidence on which to base their practice. To carry out and facilitate systematic reviews of international research and to identify the need for, and promote the conduct of, multi-site research studies in areas where good evidence is not available. To prepare summaries of best practice based on the results of systematic reviews and promote broad dissemination strategies to ensure that findings are made available to the profession. Design, promote and deliver short courses in evidence based practice for health professionals, lecturers, and students; and offer consultancies to health service provider agencies to develop customised evidence-based practice training and evidence-based policy and procedure manuals.

Currently, there are ongoing collaborations between the Buddhachinaraj Hospital, Pitsanuloke Province and the Thailand Center for Evidence Based Nursing and Midwifery to develop five clinical guidelines and test them for further implementation.

Under the supervision of the Thailand Center for Evidence-Based Nursing and Midwifery, four evidence-based protocols are in the process of implementation by faculty members, graduate students and nurses in local hospitals. These protocols are; pain management, prevention and management of pressure ulcers, fall prevention and end of life care.



Dr. Pikul Nantachaipan, Speaker in the Workshop on Evidence Based Practice (EBP)



During the EBP Workshop

Terms of Reference # 3

Promote and support research related to evidence-based for services, education and policy in nursing and midwifery

Activities

- Conduct systematic reviews of research in nursing and midwifery on selected topics.
- Conduct research for best practice in nursing and midwifery for selected areas in close collaboration with nurses in other sectors and other health professionals:
 - Nursing service
 - Elderly care
 - Pediatric nursing
 - Fundamental nursing
 - Nursing education
 - Teaching learning methods
 - Nursing administration
 - Nursing and midwifery workforce
 - Human resource development
- Provide consultation in evidence based practice of nursing and midwifery at national and international level

Expected Outcome

- At least ten research studies carries out annually.
- Annual report of national and international consultations.

Outcome Evaluation

- Systematic review projects are in process.
- 34 research studies by faculty members started this year and are in progress (See Appendix D).
- 23 research studies have been completed (See Appendix E).
- Consultation provision on evidence based practice in nursing and midwifery at the national level for nurses and others by telephone, e-mail, face-to-face, or during the conference all year.
- Faculty members have been working as consultants on evidence based nursing and midwifery in Maharaj Nakorn Chiang Mai Hospital, Chulalongkorn Hospital, Bangkok and Bhuttachinraj Hospital, Pitsanuloke Province.
- The success of implementing Evidence Based Practice was presented at the International Conference on Evidence based Practice in Adelaide, Australia in October.

Consultations

Assist. Prof. Dr. Pikul Nantachaipan and Assoc. Prof. Chaweewan Thongchai have been working as consultants of the projects on “Improving Quality of Nursing Care through Evidence-Based Practice” at Maharaj Nakorn Chiang Mai Hospital, Chiang Mai and Phuttachinraj Hospital, Pitsanuloke Province.



Consultants and Staff at Phuttachinraj Hospital

Terms of Reference # 4

Promote and support the application and utilization of best practice in nursing and midwifery education and service

Activities

- Develop guidelines based on evidence for best practice in nursing and midwifery.
- Work collaboratively with the nursing service in health care settings in the implementation of best practice in nursing and facilitate the utilization of best practice.

Expected Outcome

- 2 – 3 guidelines developed each year. The implementation of these guidelines in practice settings.
- At least one sub center of evidenced based practice established within the next 5 years.

Outcome Evaluation

- Six faculty members have been appointed as consultants for the development of 10 clinical guidelines at Maharaj Nakorn Chiang Mai Hospital.
- Two faculty members are developing and testing 5 guidelines for Buddhachinaraj Hospital, Pitsanuloke Province.
- The WHO CC is working collaboratively with the nursing service in Chiang Rai Prachanukrau Hospital, Bhusachinaraj Hospital and Maharaj Nakorn Chiang Mai Hospital, even though there is no sub-center of EBP this year.

Consultations

Six nursing faculty members, Chiang Mai University, namely Assist. Prof. Dr. Pikul Nantachaipan, Assoc. Prof. Chaweewan Thongchai, Assoc. Prof. Dr. Kannika Kantaruksa, Assist. Prof. Dr. Jarassri Yenbut, Assist. Prof. Dr. Sirirat Panuthai, and Assoc. Prof. Dr. Pikul Boonchuang, have been appointed as consultants for the development of 10 clinical practice guidelines at Maharaj Nakorn Chiang Mai Hospital. This is part of a project on Evidence-Based Practice under collaboration between the Hospital and the Thailand Center for Evidence Based Nursing and Midwifery.

(Wait for pictures, if any)

Terms of Reference # 5

Collect and disseminate information on evidence-based practice in nursing and midwifery

Activities

- Arrange conferences or meetings on evidence based nursing and midwifery at a national level.
- Submit manuscripts to peer review journals at both national and international levels.
- Produce a WHO CC newsletter.

Expected Outcome

- One conference convened every 2 years [Participants in conferences will gain in knowledge and understanding of evidence based nursing and midwifery].
- At least two manuscripts a year will be published.
- Three issues published annually [The Center becomes well known within Thailand and Internationally].

Outcome Evaluation

- Faculty members have been guest speakers at local, national and international conferences and workshops.
- Faculty member presented lessons learned of EBP at an International Conference.
- More than two manuscripts have been published.
- WHO CC news was published in the issues of the Nursing Research Quarterly Newsletter of the FON, CMU.

The Joanna Briggs Institute International Convention 2005

The Joanna Briggs Institute International Convention 2005 titled “Pebbles of Knowledge: Making Evidence Meaningful” was held at the Hilton Adelaide, Adelaide, South Australia from the 28th to the 30th of November. The convention aimed to facilitate the exchange of knowledge and experience in evidence-based health care and explore opportunities for international collaboration between consumers, doctors, nursing and allied health professionals. Participants who attended the convention consisted of health professionals; health services managers, policymakers, educators, researchers, and consumers of health care from 27 countries. The three-day program featured both Australian and international speakers who examined many of the issues surrounding evidence-based health care. Associate Professor Chaweewan Thongchai from the Thailand Center for Evidence Based Nursing and Midwifery was a keynote speaker on the topic titled “Evidence based health care in Asia” and she also participated in a panel discussion with speakers from other regions.



Participants at the JBI International Convention in Australia

Appendix A
International Short Training Courses 2005

Course Title	Date	No. of Trainees	Country	Supported Organization
1. Regional training of trainers on nursing and midwifery management in HIV/AIDS prevention, care, and support	March 30 th -April 26 th , 2005	10	<ul style="list-style-type: none"> • Indonesia • Bangladesh 	WHO/SEARO
2. Health promotion and management for elderly	May 16 th -20 th , 2005	1	<ul style="list-style-type: none"> • Bangladesh 	WHO
3. Strengthening of cross cultural competency of Thai experts	May 25 th -27 th , 2005	30	<ul style="list-style-type: none"> • Thailand 	WHO
4. HIV/AIDS prevention and care for children and vulnerable young people	July 25 th -August 5 th , 2005	15	<ul style="list-style-type: none"> • Sri Lanka • Nepal • Indonesia • Viet Nam • Indonesia • Myanmar • Pakistan • P.R. China • Bhutan • Mongolia • Thailand 	TICA and UNICEF
5. Prevention of HIV/AIDS among adolescents and young people	August 22 nd -September 2 nd , 2005	24	<ul style="list-style-type: none"> • Myanmar • Cambodia • Viet Nam • P.R. China • Indonesia • Nepal • Bhutan • Thailand 	TICA and UNFPA
6. Regional training of trainers on nursing and midwifery management in HIV/AIDS prevention, care, and support	September 10 th -30 th , 2005	27	<ul style="list-style-type: none"> • India • Iran • Nepal • Bhutan • Bangladesh • Indonesia 	WHO SEARO
7. Regional consultation on HIV/AIDS and young people	October 10 th -14 th , 2005	42	<ul style="list-style-type: none"> • India • Vietnam • Thailand • Malaysia • Bangladesh • Bhutan • Myanmar • Nepal • Sri Lanka 	WHO CC
8. Nutrition for maternal and child	October 31 st -November	16	<ul style="list-style-type: none"> • Philippines • Myanmar 	TICA and UNICEF

Course Title	Date	No. of Trainees	Country	Supported Organization
health	11 th , 2005		<ul style="list-style-type: none"> • Mongolia • Pakistan • P.R. China • Sri Lanka • Nepal • Lao P.D.R • Thailand 	
9. The promotion of the elderly's well-being and community participation towards healthy ageing	November 21 st -December 2 nd , 2005	25	<ul style="list-style-type: none"> • Sri Lanka • Nepal • Mongolia • Malaysia • Myanmar • P.R. China • Viet Nam • Bhutan • Thailand 	TICA and UNFPA
10. Management of health care resources and personnel	November 14 th -18 th , 2005	7	<ul style="list-style-type: none"> • Lao P.D.R 	Lao P.D.R Government
Total		197		

Appendix B
National Short Training Courses 2005

Course Title	Date	No of Trainees
1. Critical care nursing	January 10 th -April 29 th , 2005	33
2. Nursing management of patients with musculoskeletal disorders	January 12 th -14 th , 2005	61
3. Nursing management of stroke patients	January 20 th -21 st , 2005	70
4. Role of development as an advanced practice nurse (APN) in mental health and psychiatric nursing	January 31 st -February 4 th , 2005	62
5. Data collection and analysis using SPSS software in nursing research	February 17 th -18 th , 2005	35
6. Nursing and midwifery in the era of health care reform: Roles and quality improvement	March 2 nd -4 th , 2005	85
7. New trend in nursing administration	March 2 nd -4 th , 2005	94
8. Advanced practice nursing: Primary medical care	March 7 th -June 24 th , 2005	55
9. Nursing management of patients with chronic obstructive pulmonary disease (COPD)	March 14 th -16 th , 2005	130
10. Nursing management of neurosurgical patients	March 28 th -April 1 st , 2005	44
11. Nursing management of patients with spinal cord injuries	March 30 th -April 1 st , 2005	54
12. Management autistic children	April 20 th -22 nd , 2005	54
13. Childbirth preparation	April 25 th -29 th , 2005	61
14. New options in the integrative health care	April 18 th -20 th , 2005	52
15. Nurses and medication administration	June 8 th -10 th , 2005	140
16. Nursing management of patient with urinary incontinence	June 29 th -July 1 st , 2005	51
17. Innovations in chronic wound care	July 2 nd , 2005	54
18. Community-based health promotion in patients and family	July 6 th -8 th , 2005	66
19. Nursing management of patients with urinary incontinence	July 13 th -15 th , 2005	75
20. Qualitative research	July 25 th -29 th , 2005	34
21. Nursing management of cancer patients undergoing chemotherapy and radiation treatment	August 4 th -5 th , 2005	32
22. Advanced practice nursing	August 8 th -10 th , 2005	50
23. Research skill development	August 15 th -19 th , 2005	28
24. Data collection and analysis using SPSS software in nursing research	August 18 th -19 th , 2005	21
25. Mental health and psychiatric nursing care with traditional wisdom	August 29 th -31 st , 2005	101
26. Health counseling	September 28 th -30 th , 2005	95
27. Sleep disorders and roles of nurses	October 6 th -7 th , 2005	28
28. Nursing management of sick infants and babies: Best nursing practice	October 12 th -14 th , 2005	134
29. Nursing management in end-of-life patients: Ethic and patient's right consideration	November 2 nd -4 th , 2005	59
30. Follow up nurses and medication administration	November 22 nd -26 th , 2005	98
31. Health personnel development as practitioners in primary medical care	November 23 rd -25 th , 2005	122
32. Law and health care practice	November 26 th , 2005	22
33. Nursing management of patients and elders with	December 7 th -9 th , 2005	116

Course Title	Date	No of Trainees
chronic disease		
34. Quality of health care services and infectious control/prevention	December 14 th -16 th , 2005	367
35. Update management in coronary artery disease	December 21 st -23 rd , 2005	169
36. Advanced practice nursing: Primary medical care	December 6 th -March 24 th , 2005	54
Total		2,806

Appendix D Ongoing Research Projects

Title	Researcher (s)
1. The development of nurses' capacity in providing health care services for abused women	Assoc. Prof. Dr. Kasara Sripichyakan
2. An evaluation of nurses' capacity in providing health care services for abused women	Assoc. Prof. Dr. Sukanya Parisunyakul
3. A prevention program on marital violence for high school students	Assoc. Prof. Dr. Kasara Sripichyakan
4. Health promotion for the chronically ill elderly in northern region of Thailand	Assist. Prof. Dr. Sirirat Panuthai
5. Health promotion behaviors for the chronically ill elderly in northern region of Thailand	Assist. Prof. Dr. Sirirat Panuthai
6. Predicting factors of health promotion behaviors of the chronically ill elderly in northern region of Thailand	Assist. Prof. Dr. Khanokporn Sucamvang
7. Characteristics of applicants on the master program of nursing administration at the Faculty of Nursing, Chiang Mai University	Assoc. Prof. Udomrat Sngounsiritham
8. Effect of comic books on knowledge and attitudes of AIDS among children having HIV infected parents	Assoc. Prof. Suthisa Lamchang
9. Pathway of admission to the home for the aged, Chiang Mai	Inst. Dr. Tassana Choowattanapakorn
10. Follow-up study on the graduates of the Master of Nursing Science Program in Nursing Administration (Plan B), Faculty of Nursing, Chiang Mai University	Inst. Dr. Ouyporn Tonmukayakul
11. A follow-up study on the graduates of the Master of Nursing Science Program in Nursing Administration Plan A (2) Faculty of Nursing, Chiang Mai University	Assist. Prof. Dr. Thitinut Akkadechanunt
12. Pain experience and self-management among cancer patients before treatment at Maharaj Nakorn Chiang Mai Hospital Pain Clinic	Inst. Mayulee Somrarnyart
13. Screening of major depression in sleep disturbance group in Meung Len sub-district Town of Sansai, Chiang Mai Province.	Inst. Pakapan Woottiluk
14. Effects of computer assisted instruction on knowledge of nursing care in gastrointestinal alteration to children among nursing students	Inst. Nethong Namprom
15. Need for continuing education in the Master of Nursing Administration Program, Chiang Mai University among Profession Nurses	Assist. Prof. Dr. Pongsri Keitlertnapha
16. Effects of computer assisted instruction program on knowledge of drug administration to children among nursing students	Inst. Thitima Suklertrakul
17. The effects of an infant massage training program on the skills and knowledge of caregivers	Inst. Patcharee Waragidpoonpol
18. Psychometric evaluation of moral competence scale in nursing practice among nursing students	Inst. Dr. Pantip Jormsri
19. Complementary therapy among breast cancer survivors in different stages of survival	Assist. Prof. Dr. Tipaporn Wonghongkul
20. Effects of computer assisted instruction program on nursing students knowledge and practice concerning infant and ill child feeding	Assoc. Prof. Suthisa Lamchang
21. Health situation and need of people in the area under royal project in Chiang Mai province	Assoc. Prof. Lawan Somboon
22. Academic achievement of graduated nurses in relation to enrollment programs, Faculty of Nursing, Chiang Mai University	Assoc. Prof. Dr. Areewan Klunklin

Title	Researcher (s)
23. Physical strength in employees at preserved celery cabbage canning factory	Inst. Dr. Weeraporn Suthakorn
24. Opinions of nurses on preceptorship preparation program for nursing students	Inst. Dr. Orn-Anong Wichaikhum
25. Learning resources supporting in problem based learning, Faculty of Nursing, Chiang Mai University	Inst. Nethong Namprom
26. Lessons learned and best practice in community-based response on HIV/AIDS in Thailand	Assoc. Prof. Wilawan Senaratana
27. The impact of HIV/AIDS on older persons in northern Thailand	Assoc. Prof. Dr.Linchong Pothiban
28. Needs assessment of HIV affected children aged 0-6 years in northern Thailand	Assoc. Prof. Dr. Ratanawadee Chontawan
29. Empowering youth and community leaders for health promotion, prevention of smoking and alcohol consumption	Assoc. Prof. Wilawan Senaratana
30. Capacity building on using pesticide of farmer peer leader: Participation and network	Assoc. Prof. Dr. Yuwayong Juntarawijit
31. Effectiveness of evidence-based ventilator wearing protocol implementation among patients in surgical critical care units: A multisided study	Assoc. Chaweewan Thongchai
32. Enhancing self care among informal workers: A case study of wood caring workers: Phase II	Assoc. Prof. Dr. Susanha Yimyam
33. Nursing Documentation: Concepts, methods and utilization	Assist. Prof. Dr. Prakin Suchaxaya
34. Model of eating behavior modification toward nutritive value and safety for women in Chiang Mai	Assoc. Prof. Dr. Patcharaporn Aree

Appendix E Completed Research Projects

Title	Researcher (s)
1. Development of nurses' capacity in providing health care services for abused women	Assoc. Prof. Dr. Kasara Sripichyakan
2. Evaluation of nurses' capacity in providing health care services for abused women	Assoc. Prof. Dr. Sukanya Parisunyakul
3. Prevention program on marital violence for high school students	Assoc. Prof. Dr. Kasara Sripichyakan
4. Health promotion for the chronically ill elderly in northern region of Thailand	Assist. Prof. Dr. Sirirat Panuthai
5. Health promotion behaviors for the chronically ill elderly in northern region of Thailand	Assist. Prof. Dr. Sirirat Panuthai
6. Predicting factors of health promotion behaviors of the chronically ill elderly in northern region of Thailand	Assist. Prof. Dr. Khanokporn Sucamvang
7. Characteristics of applicants on the master program of nursing administration at the Faculty of Nursing, Chiang Mai University	Assoc. Prof. Udomrat Sngounsiritham
8. Effect of comic books on knowledge and attitude of AIDS among Children having HIV infected parents	Assoc. Prof. Suthisa Lamchang
9. Pathway of admission to the home for the aged, Chiang Mai	Inst. Dr. Tassana Choowattanapakorn
10. Follow-up study on the graduates of the master of nursing science program in nursing administration (plan B), Faculty of Nursing, Chiang Mai University	Inst. Dr. Ouyporn Tonmukayakul
11. Follow-up study on the graduates of the master of nursing science program in nursing administration (plan A), Faculty of Nursing, Chiang Mai University	Assist. Prof. Dr. Thitinut Akkadechanunt
12. Screening of major depression in sleep disturbance group in Mueng Len Sub-district Town of Sansai, Chiang Mai	Inst. Pakapan Woottiluk
13. Effects of computer assisted instruction on knowledge of nursing care in gastrointestinal alteration to children among nursing students	Inst. Nethong Namprom
14. Need for continuing education in the master of nursing administration program, Chiang Mai University among professional nurses	Inst. Dr. Pongsri Keitlertnapha
15. Psychometric evaluation of moral competence scale in nursing practice among nursing students	Inst. Dr. Pantip Jomsri
16. Complementary therapy among breast cancer survivors in different stages of survival	Assist. Prof. Dr. Tipaporn Wonghongkul
17. Academic achievement of graduated nurses in relation to enrollment programs, Faculty of Nursing, Chiang Mai University	Assoc. Prof. Dr. Areewan Klunklin
18. Lessons learned and best practice in community based response on HIV/AIDS in Thailand	Assoc. Prof. Wilawan Senaratana
19. Empowering youth and community leader for health promotion, prevention of smoking and alcohol consumption	Assoc. Prof. Wilawan Senaratana
20. Health promotion and disease prevention service for children aged 0-5 years and children's health service behavior under health coverage system	Assist. Prof. Dr. Prakin Suchaxaya
21. Health status and health promoting behaviors among staffs of health science facilities in Chiang Mai University	Assoc. Prof. Dr. Ratanawadee Chontawan
22. Health status and health promoting behaviors among faculty members of Chiang Mai University	Assoc. Prof. Suthisa Lamchang
23. The 2004 national health assembly evaluation	Assoc. Prof. Wilawan Senaratana

