The conference on “Patient and Nurse Safety: Road to Quality of Care” was held at Golden Tulip Sovereign Hotel, Bangkok between June 15-17, 2015 to celebrate the Auspicious Occasion of Her Royal Highness Princess Maha Chakri Sirindhorn’s 5th Cycle Birthday Anniversary on 2nd April 2015. This conference was hosted by Faculty of Nursing, Mahidol University, Department of Nursing, Siriraj Hospital and eight nursing schools from Ministry of Public Health and Ministry of Defense, which were affiliated with Faculty of Nursing, Mahidol University.

On the opening session, Associate Professor Dr. Fongcum Tilokskulchai, Dean, Faculty of Nursing at Mahidol University gave the honorary remark for Khunying Pinpakpitayapate entitled “Her Royal Highness Princess Maha Chakri Sirindhorn: Royal Kindness to Nursing Profession and Thai People”. Major theme of the conference was on patient and nurse safety and how to improve the quality of care by strengthening the standard of practice through safety. Professor Dr. Megan-Jane Johnstone, Academic Chair in Nursing, School of Nursing and Midwifery and former Director, Centre for Quality and Patient Safety Research, Deakin University, Melbourne, Australia, presented the global revolution of patient safety. She included global challenge from WHO campaign, how to indigenize patient safety models, nursing focused safety research, nurse safety and paradigm shift, type of research needed, and a comparison of safety situations among Asian and other western countries including Malaysia, Singapore, Thailand, Australia, Canada, New Zealand, UK, and USA. Then, a panel discussion entitled “H.R.M. Princess Maha Chakri Sirindhorn: Royal Project on Training for Nurse Safety” was followed and joined with representatives from Siriraj Hospital, Thai Red Cross, King Chulalongkorn Memorial Hospital, and Faculty of Nursing at Mahidol University. A symposium on "Patient and Healthcare Provider Safety in Thai Healthcare Context" raising the issues of health policy was addressed at the last session of the day.

On the second day of the conference, global perspective and research on patient and nurse safety was focused. Ms. Nittita Prasopa-Plaizier, Technical Officer, Patient Engagement and Empowerment, Patient Safety and Quality Improvement Program at WHO, Geneva, Switzerland, illustrated an interesting discuss on the challenge of patient engagement and empowerment in safety from a global perspective including health policy and health system issues. Legal and ethical issues and trend in practice concerning patient and nurse safety was portrayed by the legal expert. The participants were also delighted to take part in three small-group oral presentations during afternoon sessions.

On the last day of the conference, Professor Dr. Prasit Watanapa, Dean and Professor of Surgery, Faculty of Medicine, Siriraj Hospital at Mahidol University gave an impressive presentation on future trend for curriculum development on safety. After that, Associate Professor Dr. Viłaivan Thongchareon, Associate Dean for Education, Faculty of Nursing at MAHIDOL UNIVERSITY

Wisdom of the Land

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Patient and Nurse Safety : Road to Quality of Care
Mahidol University, recommended the need of patient and nurse safety education and the future trend in nursing curriculum development on patient and nurse safety. Since the challenge in promoting a culture of safety increased and global future trend for partnership in education, research, and service was recognized, the newly established study program would have to add more emphasis on nursing students' awareness that grounds safety culture on clinical practice. This led to building knowledge and safety skills when students practice in complex health care systems. The call for networking and funding supports among nursing institutional alliance was announced on nursing education, nursing service, and nursing research to advance the learning in patient and nurse safety.

This conference has brought together a range of disciplines involved in patient and nurse safety including nursing and allied health, education, policy and clinical research. The conference advanced the knowledge of safety issues from global perspective to basic infrastructure. The educational seminars, presentations, and meetings for scholars from different schools of nursing and its affiliates were provided to enhance understanding in education, research, and nursing services related to both patient and nurse safety, nationally. Many educators and researchers had an opportunity to expand multi-dimensional aspects of current issues and future trends on safety and how to establish quality of care through safety measures and facilitate partnerships and networks to enhance quality of life.

Summarized By Assistant Professor Dr. Prangtip Chayaput

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**Principal Investigator** | **Research Project**
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Assoc.Pro. Somporn Suntharapa | The perception and practice of nursing students in pediatric patient safety
Department of Pediatric Nursing

Assoc.Pro. Dr. Chongjit Saneha | Relationships between perceptions toward safe medication administration behaviors and practices of medication administration among nursing students
Department of Medical Nursing

Assoc.Pro. Dr. Acharaporn Seeherunwong | Factors associated with fall in psychiatric Inpatients: A retrospective case-control study
Department of Mental Health and Psychiatric Nursing

Assoc.Pro. Dr. Rachanees Sirijantarat | Nurse staffing and patient safety outcomes
Department of Fundamental Nursing

Assoc.Pro. Dr. Venus Leelahakul | Relationships between sarcopenia, physical capacity and the risk of fall in older adults
Department of Fundamental Nursing

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**Scholarship to support the faculty member of graduate program for overseas presentation**

Assistant Professor Dr. Usavadee Asdornwised, from Department of Surgical Nursing, Faculty of Nursing, Mahidol University, received a scholarship for an international presentation entitled “The Study of Recommended Practice Users for Surgical Smoke and Bio-Aerosols Prevention in Perioperative Nurse in Thailand”. Her research work was accepted for poster presentation at the AORN's Surgical Conference & Expo 2015, Denver, Colorado, USA during March 7-11, 2015. This funding was granted from the revenue of the Faculty of Graduate Studies year 2015 to support the faculty member of graduate program for international publication.

Summarized by Associate Professor Dr. Kanaungnit Pongthavornkamol

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**Newsletter**
Vol.8 No.2 April-June 2015
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**Patient and Nurse Safety: Road to Quality of Care**

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**Congratulations**

Congratulations to faculty members who received research funds from China Medical Board of New York, Inc. (CMB), Faculty of Nursing, Mahidol University in the 2nd trimester of 2015 (January-March, 2015). These research projects focus mainly on patient and nurse safety as follows:

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Summarized by Associate Professor Dr. Kanaungnit Pongthavornkamol
The Effectiveness of Parent Manipulation on Newborns with Postural Clubfoot: A Randomized Controlled Trial

Ranoo Chaweerat, Kamolporn Kaewpornswawan, Pimol Wongsiridej, Sudaporn Payakkaraung, Siwaporn Sinnoi, Sujidtra Meesamanpong

Abstract
Purpose: The aim of the present study was to determine the effectiveness of parent manipulation on newborns with postural clubfoot, as compared to newborns that receive no treatment in a randomized controlled trial.
Method: Ninety-two healthy newborns, including 40 boys and 52 girls, (169 postural clubfeet, including 77 with bilateral involvement) were included and categorized into two groups by simple randomization using the sealed opaque envelope technique. In Group A, the parent manipulation group, there were 14 boys and 33 girls in 85 postural clubfeet with 38 bilateral involvements. Manipulations were performed at least 20 times per day and the stimulation of the newborn's foot/feet by parent finger was performed at least 100 times per day. In Group B, the group of newborns receiving no treatment, there were 26 boys and 19 girls in 84 postural clubfeet with 39 bilateral involvements. The follow-up periods for both groups were one, three, and four months after starting the manipulation. The success of the manipulation was measured by the foot appearance, which was normally performed by physical examination.
Main findings: A comparison of the characteristics of newborns and parents in both groups showed no statistical differences, except the sex of the newborn. All newborns in both groups were one to six days old. The success rate after 4 months of manipulation in Group A was 71.8%, but it was 81% in Group B with no manipulation; results indicate no statistically significant difference (p = 0.16). The severity of the postural clubfeet indicated no statistical difference in the results of either group (p = 0.3). All cases were followed up at one year with 14% of the study participants dropping out in Group A and 11% dropping out of the study in Group B. All postural clubfeet disappeared in every case within one year of birth except one case in Group A that required casting and one case in Group B that required a prescription for orthopaedic shoes.
Conclusion and recommendations: No clinical or statistical differences were found between newborns who received parent manipulation for the treatment of postural clubfoot and newborns who received no treatment. Spontaneous recovery occurred in most of the cases within four months of birth or not more than one year after birth.
Keywords: Parent manipulation, Newborn, Postural clubfoot
Source: Journal of the Medical Association of Thailand 2014;97(Suppl.9):S68-S72.

Action Research Development of a Fall Prevention Program for Thai Community-dwelling Older Persons

Narirat Jitramontree, Sirirat Chatchaisucha, Thanomkwan Thaweeboon, Benjamas Kutintara, Sunee Intanasak

Abstract
Purpose: Preventing falls in community-dwelling older people is a key public health priority. This action research developed the Multifactorial, Age-friendly Fall Prevention Program in collaboration with community participants and based on their needs and desires to prevent falls in older people.
Method: The study process was based on Lewin's concept of rational social management and included three phases: planning, action, and results from working with 80 participants comprising 50 older persons, 20 family members, six public health nurses, a community leader, and three public health volunteers. Planning included the steps of fall risk assessment, increased awareness, and brain storming for action. Action included implementation of the action plan designed around learning processes in collaboration with the community stakeholders, and the immediate evaluation. Lastly, results were the fall prevention behavioral changes, and measurement of output. The Thai Fall Risk Assessment Test was used at the planning step. Focus group discussion and in-depth interview were used to collect qualitative data which were analyzed by content analysis.
Main findings: Findings reported here are the initial development process of the program and the lessons learned from the study. The program focused on the older participants' preferences, and included intrinsic and extrinsic risk factors and is a multi-factorial intervention. It included fall risk assessment, fall education, exercise and cane use training, handing out a fall prevention handbook, home safety assessment, home visits, and giving reminders. Themes arising were improved communication about falls, mutual learning, and motivation through reminder calls. The limitations include the generalizability of findings in different contexts.
Conclusion and recommendations: Nurses should always consider including community participation in developing fall prevention programs so as to get more holistic understanding and support in helping older people.
Keywords: Action research, Community-dwelling older persons, Fall prevention, Thailand, Falls, Community participation.
Sudaporn Payakkaraung, RN, PhD (Nursing)
Lecturer, Department of Pediatric Nursing

Sudaporn Payakkaraung has joined the Department of Pediatric Nursing, Faculty of Nursing, Mahidol University since 1997. She was awarded a master’s degree in pediatric nursing from School of Nursing, Faculty of Medicine, Ramathibodi Hospital, Mahidol University in 1999. Her master’s thesis focused on pain management in postoperative infants. She was later received a Doctor of Philosophy degree in nursing (International and Collaborative with Foreign University Program) from the jointed program between the Faculty of Nursing and School of Nursing, Faculty of Medicine, Ramathibodi Hospital, Mahidol University in 2009. Her PhD dissertation focused on nurses’ pain management in postoperative children using a holistic case study research.

Dr. Sudaporn has paid significant attention to issues of growth and development from newborns to preschool children. Therefore, she has joined research teams in two areas: 1) promoting, supporting and protecting breastfeeding in Thailand and 2) strengthening capacity of day care centers to promote child development. In 2009, she worked in the “Breastfeeding Curriculum Development for Undergraduate Nursing Students Project”, which was supported by the United Nations Children’s Fund, Thailand. In 2014, she joined in the “Breastfeeding Advocacy and Practice Course for Professional Nurses Project” which aimed to enhance awareness on capability of professional nurses in promotion, support, and protection of breastfeeding and the well-being of mothers and infants. It was the partnership project between Thailand Nursing and Midwifery Council, Faculty of Nursing, Mahidol University and the United Nations Children’s Fund, Thailand.

Recently, Dr. Sudaporn also joins in the research project entitled “Strengthening Capacity of Day Care Centers of Local Administration in Middle and West Parts of Thailand” which is granted by Thai Health Promotion Foundation. This project involves primarily the management of child care centers of local administration for taking care of preschool children.

Selected Publications:

Dear Distinguished Readers,

In the 2nd issue of the 2015 Nursing Research Newsletter, you will find highlights of the conference on “Patient and Nurse Safety: Road to Quality of Care” which was held at Golden Tulip Sovereign Hotel during June 15-17, 2015 to celebrate the auspicious occasion of Her Royal Highness Princess Maha Chakri Sirindhorn’s 5th Cycle Birthday Anniversary on 2nd April 2015.

A summary of recent news and events are included. Congratulations faculty members who received scholarship for overseas presentation and research funds from China Medical Board of New York, Inc. (CMB), Faculty of Nursing, Mahidol University in the 2nd trimester of 2015.

This issue also provides two research abstracts on action research development of a fall prevention program for Thai community-dwelling older persons and the effectiveness of parent manipulation on newborns with postural clubfoot: a randomized controlled trial. We are pleased to introduce a faculty member from Department of Pediatric Nursing, Lecturer Dr. Sudaporn Payakkaraung. Her research interest focused on promotions of breastfeeding and child growth and development. I appreciate the efforts of our editorial team who contributes to this issue and makes it possible. We hope that the Nursing Research Newsletter communicates update information about the research activities and research-related professional development opportunities.

Sincerely Yours,
Wanlaya Thampanichawat, RN, PhD