

9 Volume
September 2022

RESEARCH WISDOM

Faculty of Nursing | Chiang Mai University



- Page 2 Message from the Dean
- Page 3 Perspectives of nurses regarding total rewards and their preferences in Thailand: A qualitative descriptive study in *International Nursing Review*
- Page 4 A qualitative systematic review on the lived experiences of men in nursing in *Nursing Open*
- Page 6 Associate Professor Dr. Apiradee Nantsupawat: Our own NurseCMU faculty member and current Visiting Associate Professor at Columbia University
- Page 8 Research Snapshots
- Page 11 International Publications
- Page 12 Thai Publications

Message from the Dean

Greetings to our Research Wisdom readership as the Faculty of Nursing at Chiang Mai University is in full swing of a bustling term, with international online trainings and international partner visits happening again, in addition to full resumption of in-person teaching and learning. With all the activity going on at our campus, it certainly feels like many things are returning to normal in Northern Thailand. And as always, our hardworking faculty members continue to produce research, striving to build on the knowledge and practice of nursing worldwide.

Our latest issue highlights two recently published studies, both of which employed qualitative approaches to nursing research. Qualitative research is important for having the ability to mine deeper for information that quantitative research may not always be equipped to access. Our NurseCMU faculty members Associate Professor Dr. Kulwadee Abhicharttibutra and Professor Dr. Thitinut Akkadechanunt also shared their insights to the research approaches as first and corresponding authors for these two studies, respectively.

In addition, we continue with the trend of including an article highlighting the accomplishments of alumni, partners or faculty members. In perfect time for this current issue, we highlight the achievements of Associate Professor Dr. Apiradee Nantsupawat as she begins her visiting scholar appointment at Columbia University in New York City, USA.

Please keep updated with all that is happening at NurseCMU on our social media networks, such as Twitter, Facebook and LinkedIn and stay involved as we move towards another year of innovative and collaborative research in nursing for the new millennium.

Sincerely,



Thane Kaewthummanukul, PhD, RN
Assistant Professor and Dean, Faculty of Nursing
Chiang Mai University, THAILAND



Executive Editor

Thane Kaewthummanukul
PhD, RN, Assistant
Professor and Dean

Support Staff

Saranya Chaisang, MPA
Ampika Suwannabut, MPA
Pimpavee Chuaphoon, MPA
Prachayaporn Chareonpakdee, MPA
Chalermporn Chianglong
Tanawat Wongjai
Supapan Chaiwan

Editor

Jutarat Mesukko, PhD, RN
Assist. Prof. and Assoc.
Dean for Research, Innovation,
and International Relations

Writer

Michael Cote, MA AL/TESOL

Perspectives of nurses regarding total rewards and their preferences in Thailand: A qualitative descriptive study [published in *International Nursing Review*]

Nursing shortages impact the nursing field, and the health care community was reminded of this by the COVID-19 pandemic, which emphasized these shortages and contributed to turnover by increasing burnout.

Against this backdrop, Associate Professor Dr. Kulwadee Abhicharttiburtra led a mixed-methods exploration of nursing rewards, resulting in two sets of data. The qualitative results, which were the focus of this report, can strengthen nursing administrators' understanding of their human resources, ensuring nurses feel recognized for their efforts which, in turn, will increase retention for remote and rural healthcare systems.

Dr. Kulwadee and her team felt that understanding the rewards-related factors that influence nurses to remain in their employment could help policymakers to better plan for retention of nurses, especially those in remote or rural areas. Although many studies have produced quantitative data, the researchers were interested in investigating the situation more deeply; therefore, this strand of the study analyzed 24 in-depth interviews to produce a rich strain of data focused on the participants' perspectives on rewards for nurses.

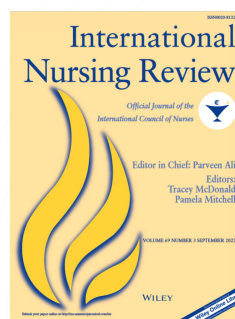
The findings uncovered four main themes, each of which contained several sub-themes. The four overarching themes included reasonable pay, good benefits, accessible learning and development, and a favorable work environment. Interestingly, pay was considered adequate by participants, as costs of living are much lower in rural and remote areas. In addition to health and retirement benefits, flexibility with time off was perceived as important.

Assoc. Prof. Dr. Kulwadee Abhicharttiburtra



Assoc. Prof. Dr. Apiradee Nantsupawat

Asst. Prof. Dr. Orn-Anong Wichaikhum



Accessible learning and development had several interesting sub-themes, not limited to education and training, but also emphasizing the importance of feedback and management on work performance. However, a positive work environment was strongly valued, as this could keep nurses satisfied in their jobs, and willing to continue.

In contrast to highlighting individual rewards, however enticing, a more comprehensive package of rewards is required to retain nurses in remote and rural areas. Although nurses are often satisfied with compensation and lifestyle in these non-urban locations, it is necessary to identify a full package of rewards, and not rely on simply one benefit. Remote and rural nurses are of vital importance in serving communities that are far from metropolitan areas and often lack parity of resources with their urban counterparts. Ensuring their job satisfaction is also paramount.



<https://cmu.to/8E5I6>



International
Nursing Review



Research Wisdom
Volume 9 | September 2022

3

A qualitative systematic review on the lived experiences of men in nursing [published in *Nursing Open*]



Globally, the numbers of men in nursing are still far lower than those of women. Considering the ongoing nursing shortages which are also a worldwide problem, it is crucial for the nursing profession to understand the experiences of this group which, although presently under-represented, also holds potential as a resource for future recruitment.

Assistant Professor Dr. Thitinut Akkadechanunt acted as Corresponding Author for this study which was developed from the dissertation of Faculty of Nursing doctoral student, Mr. Xiaochen Lyu. More and more studies have been done on men in nursing who, importantly, represent the potential to bring more diversity to healthcare. Considering this multitude of research, the research team saw the potential for a systematic review to help highlight and synthesize the important findings from this body of literature.

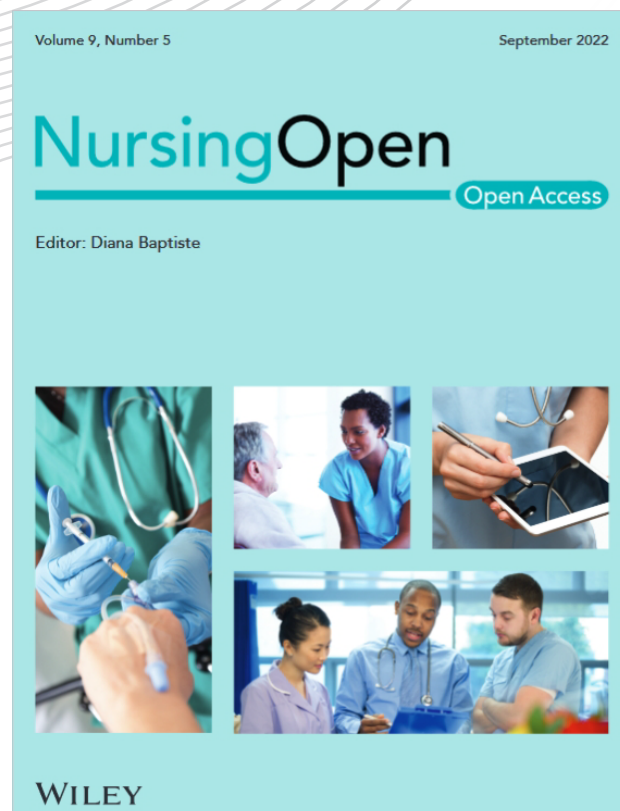
This systematic review of five databases on the literature relating to lived experiences of men in nursing resulted in six studies which fit the criteria. Thomas and Harden's thematic analysis approach was used to analyze the resulting data. This approach innovated the development of 'analytical themes' which essentially add a new level of interpretation of the descriptive themes which are more closely equated with the original studies being reviewed.



<https://cmu.to/telLC>

Five themes emerged out of this thematic analysis approach, which were explained as follows: value in nursing, the double-edged sword of gender, being accepted in the nursing profession, attractions of nursing, and coping strategies. Analysis of these themes, following the thematic analysis approach, uncovered interesting underlying sub-themes, touching on fascinating aspects such as the fulfilment of patients' spiritual needs, and the unique personal stories underpinning the double-edged sword of being a male in a predominantly female profession.

This systematic review identified a wide range of themes which contribute to make up the male nursing experience. It was concluded that the existence of gender barriers needed to be addressed so that men could feel accepted and valued as nurses. This would also lead to improved recruiting and retention of men in nursing which, in turn, should have an overall positive effect on the shortages currently affecting the field.



Asst. Prof. Dr. Thitinut
Akkadechanunt



Assoc. Prof. Dr. Pratum
Soivong



Asst. Prof. Dr. Phanida
Juntasopeepun


Associate Professor Dr. Apiradee Nantsupawat: Our own NurseCMU faculty member and current Visiting Associate Professor at Columbia University

NurseCMU is always proud of our well-established and ongoing collaborations with a variety of individuals and organizations worldwide. One aspect of these collaborations includes our visiting professorships, which include both incoming and outgoing appointments. In this issue, we are proud to highlight our most recent outgoing scholar, Associate Professor Dr. Apiradee Nantsupawat, who recently began her year-long appointment at Columbia University's School of Nursing in New York City, USA.

Columbia University is a historically renowned center of tertiary education in the United States, and the School of Nursing can also stake its own claim to fame, boasting a diverse student, staff and faculty culture and high standards of achievement in research and academics. Therefore, it is with no small amount of pride for NurseCMU that one of our own faculty members will represent us at Columbia during this academic year.

Dr. Apiradee would like to thank the CMU Faculty of Nursing and the China Medical Board (CMB) for their support, as well as Columbia University School of Nursing for providing the opportunity for this appointment.



COLUMBIA

SCHOOL OF NURSING

Scholarship & Research
PhD Program

DOCTORAL RESEARCH SEMINAR SERIES

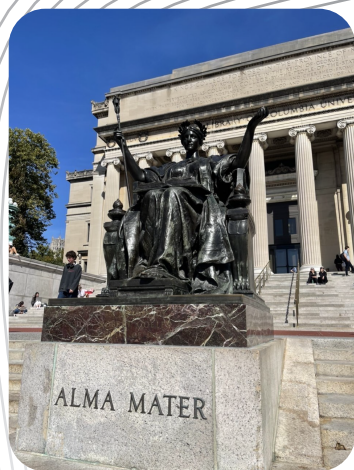
Dr. Apiradee Nantsupawat, PhD, RN
Faculty of Nursing, Chiang Mai University

**“Research
Experiences from
a Visiting Nurse
Scientist”**

Date: Tuesday, October 25th
Time: noon – 1 pm
Via Zoom & SON 626

Join Zoom Meeting
<https://columbiacuimc.zoom.us/j/95247824477>





During her tenure in New York, Dr. Apiradee will be working closely with Professor Dr. Lusine Poghosyan, the director of the Center of Healthcare Delivery Research and Innovations (HDRI), with whom she has collaborated in the past on research related to the healthcare workforce and outcomes. Therefore, she has set up a clear work plan with strict timelines to ensure that her visit is as productive as possible.

In addition to her research, Dr. Apiradee will be attending meetings with the core members of HDRI, as well as PhD students who are also working at the center. On October 19th, HDRI hosted a seminar with their visiting scholars at which Dr. Apiradee was a guest speaker. She has also had the opportunity to attend teaching and learning activities at the School of Nursing.

Columbia is world-renowned for its research and academics, but it also prides itself on its own diverse faculty, staff and student body, in addition to its academic relationships with institutions in many other countries. Dr. Apiradee has been especially impressed by the learning environment that is fostered at the school. ✕

She also feels that young nursing scholars need to explore research experience with global researchers, stating that there is no “single rule” for receiving an academic appointment but that aspiring scholars should be prepared with a proposal along with objectives and expected outcomes related to their research.

Dr. Apiradee added, “Global research and networking are one of the missions of the Faculty of Nursing at CMU. Our school and faculty are well known in the country and globally. Visiting scholar is an excellent opportunity to cultivate international perspectives.”

We wish Dr. Apiradee the best of luck during her appointment and look forward to catching up with her when she returns to Chiang Mai to learn more about how her experience has proven beneficial to her own career development and her research output.



Research Snapshots



Predictors of male nurses' intention to stay in emergency department and intensive care unit: A cross-sectional study

In clinical nursing, male nurses' importance to emergency departments and intensive care units is established; however, turnover rates remain high in these areas, compounding already severe nursing shortages. Therefore, it is important to understand male nurses' intention to stay in these sections. This cross-sectional study focused on identification of the predicting factors of intention to stay among 240 male nurses in five Chinese hospitals, working in emergency departments and intensive care units. A range of instruments were used to gather and analyze data, producing results showing moderate levels of intention to stay in both sections. Career growth, job satisfaction and transformational leadership were the strongest predictors, and are three factors that nurse administrators can focus on improving, in order to retain male nurses. *Pacific Rim International Journal of Nursing Research*



<https://cmu.to/qc6Cd>



Assoc. Prof. Dr. Pratum Soivong



Asst. Prof. Dr. Thitinit Akkadechanunt



Asst. Prof. Dr. Phanida Juntasopeepun

Evaluating the gap of integrated behavioral health programs for NCDs in China, Vietnam, Cambodia, and Thailand



Assoc. Prof. Dr. Patraporn Bhatarasakoon



In clinical nursing, male nurses' importance to emergency departments and intensive care units is established; however, turnover rates remain high in these areas, compounding already severe nursing shortages. Therefore, it is important to understand male nurses' intention to stay in these sections. This cross-sectional study focused on identification of the predicting factors of intention to stay among 240 male nurses in five Chinese hospitals, working in emergency departments and intensive care units. A range of instruments were used to gather and analyze data, producing results showing moderate levels of intention to stay in both sections. Career growth, job satisfaction and transformational leadership were the strongest predictors, and are three factors that nurse administrators can focus on improving, in order to retain male nurses. *Pacific Rim International Journal of Nursing Research*

<https://cmu.to/mFWjo>





Asst. Prof. Dr. Chutima Meechamnan



<https://cmu.to/oWrNR>

Investment in nursing is critical for the health of the world: We need 6 million additional nurses

It is understood that the field of nursing has come a long way in modern times, and nurses have very recently underlined their importance amidst the COVID-19 pandemic. However, research also informs us that this profession is in an untenable situation, with the WHO (World Health Organization) predicting a critical shortage of over 5 million nurses, globally, by the end of this decade. Nurses are burnt out and exhausted, and although this is true everywhere, it especially threatens low- and middle-income countries. Asst. Prof. Dr. Chutima Meechamnan contributed to this editorial, along with one of our visiting scholars, Professor Dr. Sue Turale, to state the case that governments must make major investment in nursing to support more graduates and address the existential danger of nursing shortages. Retention of nurses is also an area of concern: equitable working conditions, and improved pay are just two of the ways that leaders need to act to improve retention rates and keep nurses in the workforce.

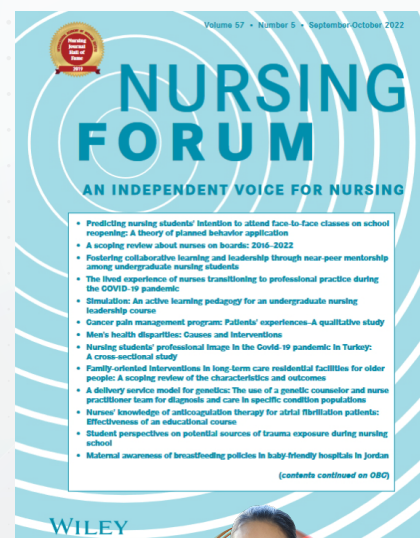
Pacific Rim International Journal of Nursing Research

A concept analysis of clinical judgment in undergraduate nursing students

Although clinical judgment is a concept much-used in healthcare circles, the researchers felt there has been no clear understanding of this idea as it relates to nursing students. Led by doctoral candidate, Wassana Uppor, this study used concept analysis, via Walker and Avant's systematic eight-step framework, to help construct a clearer definition, as well as understand the attributes, antecedents, and consequences of undergraduate nursing students' clinical judgment. After conducting the relevant literature search, the researchers were able to define clinical judgment for nursing students as the cognitive process shown via a nursing action by observation, patient assessment, interpreting, and prioritizing data which results in responses to patients which use right practices. Antecedents included nursing curricula, student's knowledge, previous clinical experience, critical thinking, and clinical reasoning while consequences were clinical judgment ability, safe nursing practice, nursing care quality, and patient safety. *Nursing Forum*



<https://cmu.to/Y3T9h>



Assoc. Prof. Dr. Sombat Skulphan



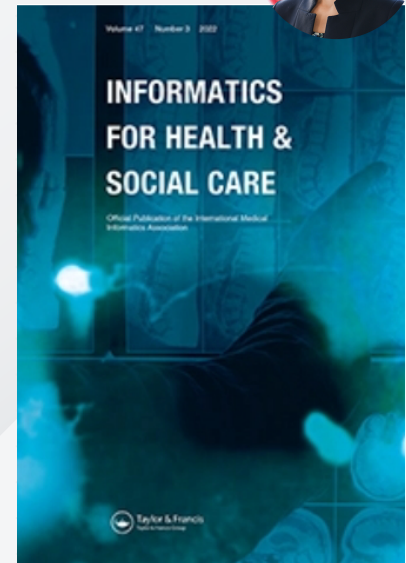
Assoc. Prof. Dr. Nongkran Viseskul



Effects of healthcare technologies on the promotion of physical activities in older persons: A systematic review

Asst. Prof. Dr. Phanida Juntasopeepun represented NurseCMU as part of the team for this systematic review of 27 research articles which aimed to explore the effects of health technologies on health promotion for older persons. This review used selected indices such as COCHRANE, PubMed, Science Direct, ProQuest, and the use of hand search procedure. Three broad themes were identified: the types of health technologies used for promoting physical activity; the effects of technology use in promoting physical activity of older persons; and the necessary considerations regarding technology use among older persons. Accuracy, usefulness, reliability, comfort, safety, and relevancy were the defining characteristics of these technologies which were wearable technologies that used artificial intelligence. It was found that technology-based healthcare has had positive application for older people. *Informatics for Health and Social Care*

Asst. Prof. Dr. Phanida Juntasopeepun

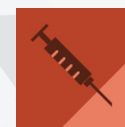


<https://cmu.to/yWr2S>



The relationship between sources of COVID-19 vaccine information and willingness to be vaccinated: An internet-based cross-sectional study in Japan

This study focused on the Japanese population and vaccine hesitancy in light of the COVID-19 vaccination drive due to questions over efficacy and safety. Assistant Professor Dr. Benjamas Suksatit was part of the research team which was interested in identifying the connections between willingness to receive COVID-19 vaccination and information sources which people used to find out about the vaccines. Participants had been registered for an internet research panel which provided a questionnaire asking about their demographics and their sources of information about the vaccine. The results demonstrated that television, non-expert summary websites, internet video, and doctor's personal websites were significantly associated with willingness to vaccinate. *Vaccines*



vaccines



<https://cmu.to/Ur33B>



Asst. Prof. Dr. Benjamas Suksatit

INTERNATIONAL PUBLICATIONS

Abhicharttibutra, K., Wichaikhum, O. A., Nantsupawat, A., Kunaviktikul, W., & Turale, S. (2022). Perspectives of nurses regarding total rewards and their preferences in Thailand: A qualitative descriptive study. *International Nursing Review*.

Lyu, X., Akkadechanunt, T., Soivong, P., & Juntasopeepun, P. (2022). Predictors of male nurses' intention to stay in emergency department and intensive care unit: A cross-sectional study. *Pacific Rim International Journal of Nursing Research*, 26(3), 404-416.

Lyu, X., Akkadechanunt, T., Soivong, P., Juntasopeepun, P., & Chontawan, R. (2022). A qualitative systematic review on the lived experience of men in nursing. *Nursing Open*.

Rolfes, J., Wu, S., Abdalla, M., Marsiglia, F. F., Mei, P., Le An, P., ... & Kessler, R. (2022). Evaluating the gap of integrated behavioral health programs for NCDs in China, Vietnam, Cambodia and Thailand. *Asian Journal of Health Sciences*, 8(1), ID39-ID39.

Turale, S., & Meechamnan, C. (2022). Investment in nursing is critical for the health of the world: We need 6 million additional nurses. *Pacific Rim International Journal of Nursing Research*, 26(3), 371-375.

Uppor, W., Klunklin, A., Viseskul, N., & Skulphan, S. A concept analysis of clinical judgment in undergraduate nursing students. *In Nursing Forum*.

Vasquez, B. A., Betriana, F., Nemenzo, E., Inabangan, A. K., Tanioka, R., Garcia, L., ... & Locsin, R. C. (2022). Effects of healthcare technologies on the promotion of physical activities in older persons: A systematic review. *Informatics for Health and Social Care*, 1-15.

Yoda, T., Suksatit, B., Tokuda, M., & Katsuyama, H. (2022). The relationship between sources of COVID-19 vaccine information and willingness to be vaccinated: An internet-based cross-sectional study in Japan. *Vaccines*, 10(7), 1041.

THAI PUBLICATIONS

Aungwattana, S., Jaichomcheun, S., & Tuanrat, W. (2022). Development of an instructional video for self-directed learning on systematic physical examination on nursing students' practice skills and satisfaction. *Nursing Journal*, 49(2), 112-127. <https://he02.tci-thaijo.org/index.php/cmunursing/article/view/257631>

Chaiboonruang, T., & Sriarporn, P. (2022). Using the protection motivation theory as a framework to prevent of Covid-19 infection among pregnant women: Role of nurse-midwives. *Nursing Journal*, 49(2), 403-417. <https://he02.tci-thaijo.org/index.php/cmunursing/article/view/256668>

Chaisurin, P. (2022). Stretching exercises for preventing work-related musculoskeletal disorders. Boromarajonani College of Nursing, *Uttaradit Journal*, 14(1), 243-255. <https://he01.tci-thaijo.org/index.php/unc/article/view/243402>

Duwao, N., Chintanawat, R., & Suwankruhasn, N. (2022). Predictive factors for self-management amongst older persons with knee osteoarthritis. *Thai Journal of Nursing Council*, 37(3), 75-92. <https://he02.tci-thaijo.org/index.php/TJONC/article/view/258081>

Fang, H., Srirat, C., & Tachaudomdach, C. (2022). Perceived self-efficacy and health-promoting behaviors among Chinese people at risk for metabolic syndrome. *Nursing Journal*, 49(2), 1-13. <https://he02.tci-thaijo.org/index.php/cmunursing/article/view/256387>

Hjalmarsson, K., Thungjaroenkul, P., & Nantsupawat, A. (2022). Structural empowerment and moral distress of nurses in private hospitals. *Nursing Journal*, 49(2), 228-241. <https://he02.tci-thaijo.org/index.php/cmunursing/article/view/255901>

Hwanmeerot, J., Somrarnyart, M., & Srirat, C. (2022). The needs of caregivers for persons with Parkinson's Disease. *Nursing Journal*, 49(2), 326-339. <https://he02.tci-thaijo.org/index.php/cmunursing/article/view/255781>

Iamruksa, S., Vuttanon, N., & Udomkhamsuk, W. (2022). Health literacy and self-management behaviors in persons with prostate cancer after surgery. *Nursing Journal*, 49(2), 270-282. <https://he02.tci-thaijo.org/index.php/cmunursing/article/view/257721>

Jumpalai, U., Nantsupawat, A., & Thungjaroenkul, P. (2022). Head nurses' authentic leadership and thriving at work of nurses in government university hospitals. *Nursing Journal*, 49(2), 215-227. <https://he02.tci-thaijo.org/index.php/cmunursing/article/view/254725>

Kittichaiyakorn, A., Tamdee, D., Namprom, N., & Naktanom, P. (2022). Factors related to quality of life among psoriasis patients at the outpatient department, Maharaj Nakorn Chiang Mai Hospital. *Nursing Journal*, 49(2), 298-312. <https://he02.tci-thaijo.org/index.php/cmunursing/article/view/256461>

Koses, T., Tuanrat, W., & Aungwattana, S. (2022). Effects of a self-regulation program on dietary management and blood sugar levels among persons with uncontrolled type 2 diabetes in a community. *Nursing Journal*, 49(2), 55-68. <https://he02.tci-thaijo.org/index.php/cmunursing/article/view/256174>

THAI PUBLICATIONS

Madawala, S.G.M.L, Klunklin, P. & Jintrawet, U. (2022). Social support, self-efficacy, and care practices among parents of children with congenital heart disease, the Democratic Socialist Republic of Sri Lanka. *Nursing Journal*, 49(2), 29-40. <https://he02.tci-thaijo.org/index.php/cmunursing/article/view/209714>

Naktanom, P., Tamdee, D., Namprom, N., & Kittichaiyakorn, A. (2022). Effects of promoting a self-breast examination program via e-learning toward knowledge and self-breast examination practice among female healthcare personnel in outpatient departments and emergency units. *Nursing Journal*, 49(2), 351-364. <https://he02.tci-thaijo.org/index.php/cmunursing/article/view/256003>

Niu, Y., Sirakamon, S. & Akkadechanunt, T. (2022). Factors predicting innovative work behavior among nurses in tertiary hospitals in Yunnan province, the People's Republic of China. *Nursing Journal*, 49(2), 14-28. <https://he02.tci-thaijo.org/index.php/cmunursing/article/view/254899>

Panyawan, K., Tuanrat, W., & Aungwattana, S. (2022). Effect of the buddy care innovation on assessment of diabetic foot complications among persons with type 2 diabetes in Huai Khrai sub-district, Maesai district, Chiang Rai province. *Nursing Journal*, 49(2), 69-79. <https://he02.tci-thaijo.org/index.php/cmunursing/article/view/255778>

Saleesongsom, P., Wangsrikhun, S., & Sukonthasarn, A. (2022). Effect of the constipation prevention program on constipation occurrence in immobilized patients. Boromarajonani College of Nursing, *Uttaradit Journal*, 14(1), 16-30. <https://he01.tci-thaijo.org/index.php/unc/article/view/256772>

Seesawang, J., Thongtaeng, P., Vichitragoonthavorn, S. & Chaiwuth, S. (2022). The effects of perceived personal risk for developing cardiovascular diseases enhancement program among older adults with hypertension. *Journal of Nursing Science*, 40(3), 42-59. <https://he02.tci-thaijo.org/index.php/ns/article/view/252233>

Srithong, R., Akkadechanunt, T. & Chitpakdee, B. (2022). Activity-based costing of mobile health checks at private hospitals in Lamphun province. *Nursing Journal*, 49(2), 242-251. <https://he02.tci-thaijo.org/index.php/cmunursing/article/view/209460>

Theesudapan, W., Chaiard, J., & Chintanawat, R. (2022). Impact of insomnia management programme on insomnia severity in older persons with heart failure. *Thai Journal of Nursing Council*, 37(3), 5-19. <https://he02.tci-thaijo.org/index.php/TJONC/article/view/256934>

Wattana, S., Jintrawet, U., & Lamchang, S. (2022). Factors related to family management in families having children with congenital heart disease. *Nursing Journal*, 49(2), 153-166. <https://he02.tci-thaijo.org/index.php/cmunursing/article/view/258450>

Yaowarat, W., Kaewthummanukul, T., & Jongrungsakul, W. (2022). Factors predicting hearing protection device use among workers in Kaolin mineral dressing factories. *Nursing Journal*, 49(2), 97-111. <https://he02.tci-thaijo.org/index.php/cmunursing/article/view/257465>

As part of NurseCMU's ongoing collaboration with the Thailand International Cooperation Agency, we recently hosted an international training entitled "Occupational Health and Safety in the Community: How to Strengthen the Capacity of Public Health Personnel"

15 August – 2 September 2022



www.facebook.com/nursecmu | www.twitter.com/nursecmu