



## Associate Professor Dr. Pisamai Orathai

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Place of Work : Division of Fundamental Nursing

Ramathibodi School of Nursing

Faculty of Medicine Ramathibodi Hospital

Mahidol University

## Education

### Bachelor Degree

Nursing and Midwifery, Bachelor of Science  
Mahidol University

### Master Degree

Developmental Psychology, Master of Education  
Srinakharinwirot University

### Doctoral Degree

Educational Research Methodology, Doctor of Philosophy  
Chulalongkorn University

## Research of Interest

1. Nursing ethics
2. Education research methodology
3. Statistics in health sciences



## Research Publication / Journal Articles

### National Publications

- Kanglee, K., Lawthong, N., & Orathai, P. (2022). Clinical Competency Assessment Model for Nursing Students Based on Miller's Pyramid Framework Using Entrustable Professional Activities. *Journal of The Royal Thai Army Nurses*, 23(2), 468-482.
- Chasri, D., Pookboonmee, R., & Orathai, P. (2018). Effect of Self-Efficacy Promotion on Caregiver's Confidence of Participation in Child Care before Discharge from Pediatric Intensive Care Unit. *Journal of The Royal Thai Army Nurses*, 19(3), 234-22.
- Kanogsunthornrat, N., Orathai, O., Junorn, T., & Numhom, S. (2018). Comparison of Three Wound Area Measurement Methods: Photoshop, ImageJ, and Visitrak. *Ramathibodi Nursing Journal*, 24(2), 150-162.
- Duangdech, W., Patoomwan, A., Pookboonmee, R., Orathai, P., & Rehm, R.S. (2017). A Causal Model of Health Status of Children with Cerebral Palsy. *Pacific Rim International Journal of Nursing Research*, 21(4), 291-304.
- Singhasai, L., Phuphaibul, R., Orathai, P., Piaseu, N., & Darling-Fisher, C. S. (2017). Predictors of Weight Status among School-age Children. *Pacific Rim International Journal of Nursing Research*, 21(3), 180-194.
- Kuladnarm, C., Pookboonmee, R., & Orathai, P. (2017). Effects of Nurse-Led Mechanical Ventilator Weaning Protocol on Ventilator Duration and Weaning Success in Preterm Infants with Ventilator-Nasal Continuous Positive Airway Pressure. *Ramathibodi Nursing Journal*, 23(2), 129-144.
- Orathai, P. (2017). Identifying and Prioritizing Educational Need for a Bachelor of Nursing Program as Perceived by Ramathibodi Nurse Graduates. *Ramathibodi Nursing Journal*, 23(2), 242-256.
- Tangyoodee, S., Pookboonmee, R., Santati, S., & Orathai, P. (2017). Effects of Adapted Small Volume Jet Nebulizer on Clinical Outcomes in 1-5 Year Old Asthmatic Children. *Thai Red Cross Nursing Journal*, 10(2), 174-186.

### International Publications

- Charoenwanit, S., Nintachan, P., Sangon, S., & Orathai, P. (2025). The moderating effect of self-esteem on the relationships between associated factors and cyberbullying behavior among Thai adolescents. *Psychology in the Schools*, 1–17. <https://doi.org/10.1002/pits.23559>
- Orathai, P., Chuengkriangkrai, B., & Chaimo, K. (2025). Identifying and prioritizing the moral virtue indicators for undergraduate nursing students: Measurement invariance testing across class levels. *Asian Nursing Research*. Advance online publication. <https://doi.org/10.1016/j.anr.2025.01.006>
- Srecharoen, A., Patoomwan, A., Orathai, P., & Punyoo, J. (2025). Effects of animated cartoon



- information on cooperation and preparation time in preschool children with congenital heart disease undergoing cardiac catheterization: A quasi-experimental study. *Pacific Rim International Journal of Nursing Research*, 29(4), 848–861. <https://doi.org/10.60099/prijnr.2025.274618>
- Wongkhan, M., Nintachan, P., Sangon, S., & Orathai, P. (2025). Factors predicting depression among disadvantaged adolescents. *Asian Nursing Research*, <https://doi.org/10.1016/j.anr.2025.05.009>
  - Orathai, P., Chaimo, K. & Chuengkriangkrai, B. (2023). A Cross-validation of the Revised Moral Virtue Scale for Thai Nursing Students: Confirmatory Factor Analysis and Multiple-Group Approach. *The Open Nursing Journal*, 17, 1-8. DOI: 10.2174/18744346-v17-230221-2022-135.
  - Sammir, A., Pookboonmee, R., Orathai, P., & Wittayasooporn, J. (2023). Job Satisfaction and Associated Factors among Registered Nurses in Medical College Hospitals. *Bangladesh Journal of Medical Science*, 22(1), 205-215. DOI: <https://doi.org/10.3329/bjms.v22i1.63080>
  - Kaewphinit, U., Arpanantikul, M., Orathai, P., Monkong, S., & Bay, E. (2022). A Model of Factors Influencing Depressive Symptoms among Caregivers of Survivors with Traumatic Brain Injury. *Pacific Rim International Journal of Nursing Research*, 26(4), 706-721.
  - Orathai, P., Prapaipanich, W., Arpanantikul, M., & Senadisai, S. (2022). Development and psychometric evaluation of the Ethical Behavior for Thai Nurses Scale. *Frontiers of Nursing*. 9(3), 275-284.
  - Meekusol, S., Maneesriwongul, W., Orathai, P., Pongthavornkamol, K., & Sharps P. W. (2021). Factors Predicting Women’s Adherence to Hypertensive Treatment. *Pacific Rim International Journal of Nursing Research*, 25(1), 131-142.
  - Deesamer, S., Piaseu, N., Maneesriwongkul, W., Orathai, P., & Schepp, K. (2020). Development and Psychometric Testing of the Thai-Nutrition Literacy Assessment Tool for Adolescents. *Pacific Rim International Journal of Nursing Research*, 24(1), 5-19.
  - Ritharomya, J., Aree-Ue, S., Malathum, P., Orathai, P., Belza, B., & Kawinwonggowit, V. (2020). The Effectiveness of Preoperative Quadriceps Exercise and Diet Control Program for Older Adults Waiting for Total Knee Arthroplasty: A Randomized Controlled Trial. *Pacific Rim international Journal of Nursing*, 26(4), 485-501.
  - Thapanakulsuk, P., Sirapo-ngam, Y., Estwing Ferrans, C., Orathai, P., & Junda, T. (2020). Psychometric Testing of a Spiritual Well-being Scale for People with Cancer. *Pacific Rim International Journal of Nursing Research*, 24(1), 39-53.
  - Han, Y.M., Aree- Ue, S., Orathai, P., & Sa- ngasoongsong, P. (2019). Factors Influencing Postoperative Functional Ability of People with Simple Lower Extremity Fractures. *Pacific Rim International Journal of Nursing Research*, 23(4), 368-383.
  - Kongkar, R., Pinyopasakul, W., Pongthavornkamol, K., Dajpratham, P., & Orathai, P. (2019). The Determinants of Quality of Life in Thai Family Caregivers of Stroke Survivors. *Siriraj Medical Journal*,



71(4), 290-296. doi: 10.33192/Smj.2019.44.

- Kongkar, R., Pinyopasakul, W., Pongthavornkamol, K., Dajpratham, P., & Orathai, P. (2019). The Determinants of Quality of Life in Thai Family Caregivers of Stroke Survivors. *Siriraj Medical Journal*, 71(4), 290-296. doi: 10.33192/Smj.2019.44.
- Htay, N. N., Maneesriwongul, W., Phuphaibul, R., & Orathai, P. (2013). A Causal Model of Condom Use among People Living with HIV/ AIDS in Myanmar. *Pacific Rim International Journal Nursing Research*, 17(3), 234-248.