



**Associate Professor Dr. Natthacha Chiannilkulchai R.N.,
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Place of Work : Division of Adult and Gerontological Nursing
Ramathibodi School of Nursing
Faculty of Medicine Ramathibodi Hospital
Mahidol University

Education

Bachelor Degree

Bachelor of Nursing Science
Mahidol University

Master Degree

Environmental Education, Master of Education
Mahidol University

Doctoral Degree

Nursing, Doctor of Philosophy
Mahidol University

Research of Interest

Nursing Innovation
Neurosurgical Nursing
Perioperative Nursing

Research Publication / Journal Articles

National Publications

- Sutti, N., & Chiannilkulchai, N. (2019). Design and Development of a Colostomy Model for Practicing Colostomy Care Skills. *Ramathibodi Nursing Journal*, 25(2), 227-241.
- Pongsukwetchakul, T., & Chiannilkulchai, N. (2018). Development the Clip Lock for Strap Sterile Operating Microscope Drape and Evaluation of its Effectiveness. *Ramathibodi Nursing Journal*, 24(2), 163-177.
- Chiannilkulchai, N., & Sutti, N. (2017). Design and Development of the Colostomy Bag Model for Person Who has Colostomy. *Songklanagarind Journal of Nursing*, 37(3), 61-73.

International Publications

- Chiannilkulchai, N., & Pichaiphanupatt, P. (2025). Effectiveness of a rotating-leg prepper for reducing pressure injury and preventing surgical site infection in patients undergoing heart surgery: Paired matching randomised controlled trial. *International Wound Journal*, 22(4), e70371.
<https://doi.org/10.1111/iwj.70371>
- Chiannilkulchai, N., & Bhumisirikul, P. (2022). Development of a
- Kejkornkaew, S., Monkong, S., Chiannilkulchai, N., & Sirapo-ngam, Y. (2022). Development and Psychometric Testing of Quality Relationship Scale for Family Caregivers of People with Cancers. *Pacific Rim International Journal of Nursing Research*, 26(2), 282-295.
- Chiannilkulchai, N., & Kejkornkaew, S. (2021). Safety concerns with glass particle contamination: improving the standard guidelines for preparing medication injections. *International Journal for Quality in Health Care*, 33(2), 1–6. doi:10.1093/intqhc/mzab091.
- Chiannilkulchai, N., & Bhumisirikul, P. (2020). Effectiveness of Rotating Stringer in Sterilization Process. *Pacific Rim International Journal of Nursing Research*, 24(4), 502-513.
- Chiannilkulchai, N., & Kejkornkaew, S. (2020). A Comparative Study of Ampoule Breaking and Resultant Injury among Registered Nurses. *Pacific Rim International Journal of Nursing Research*, 24(1), 89-101.
- Bhumisirikul, P., & Chiannilkulchai, N. (2018). Development of a RAMA Gallbladder Retrieval Bag for Improved Patient Safety: A Nursing Innovation. *Pacific Rim International Journal of Nursing Research*, 22(3), 264-277.