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Place of Work : Division of Adult and Gerontological Nursing

Ramathibodi School of Nursing

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Education

Research of Interest

1. Frailty and Sarcopenia
2. Innovative Interventions, mHealth, and Life-space mobility
3. Orthogeriatric and Rehabilitation
4. Health outcomes and Lifespan health
5. Quality and Safety



Research Publication / Journal Articles

National Publications

- Porthao, W., Roopsawang, I., & Aree-Ue, S. (2024). Prevalence of frailty and its association with health conditions among community-dwelling older adults with knee osteoarthritis. *Journal of Thailand Nursing and Midwifery Council*, 39(4), 519–535. <https://doi.org/10.60099/jtnmc.v39i04.269057>
- Chaiwongsa, J., Roopsawang, I. & Aree-Ue, S. (2023). The Associations between Technology Acceptance, Social Networks, Risk of Falls, and Physical Activity among Older People with Musculoskeletal Conditions during the COVID-19 Pandemic. *Journal of Thailand Nursing and Midwifery Council*, 38(1), 37-51.
- Bunsong, D., Aree-Ue, S., & Roopsawang, I. (2023). Fear of COVID-19, face mask-wearing behavior, depressive symptoms, and quality of life among older persons with musculoskeletal conditions during the COVID-19 pandemic. *Thai Journal of Cardio-Thoracic Nursing*, 34(1), 40-56.
- Injun, N., Aree-Ue, S., & Roopsawang I., (2022). Physical Function and Life-Space Mobility in Older Adults after Total Knee Arthroplasty: A Follow-Up Study. *Journal of Thailand Nursing and Midwifery Council*, 37(4), 125-139.
- Roopsawang, I., Aree-Ue, S., & Chawengkiattikul, S. (2020). Depressive Symptom and Its Predicting Factors in Overweight Older Adults with Knee Osteoarthritis. *Journal of The Police Nurses*, 12(2), 338-347.

International Publications

- Aree-Ue, S., Roopsawang, I., Kwan, R. Y. C., & Thiamwong, L. (2025). Health consequences of COVID-19 pandemic in older adults with musculoskeletal conditions: A cross-sectional path analysis model. *Geriatrics*, 10(6), 139. <https://doi.org/10.3390/geriatrics10060139>
- Dangsri, P., Monkong, S., & Roopsawang, I. (2024). Factors Predicting Surgical Site Infection in Older Adults Undergoing Abdominal Surgery: A Retrospective Cohort Study. *Pacific Rim International Journal of Nursing Research*, 28(3), 537-551. <https://doi.org/10.60099/prijnr.2024.266861>
- Phonlakid, P., Roopsawang, I., & Aree-Ue, S. (2025). Prevalence and risk factors of recurrent falls in older people post-hip fracture surgery after discharge: A cross-sectional study. *Pacific Rim International Journal of Nursing Research*, 29(3), 543–557. <https://doi.org/10.60099/prijnr.2025.273474>
- Sirikul, S., Roopsawang, I., Aree-Ue, S., & Tuakta, P. (2024). Frailty as a Key Predictor of Malnutrition among Older Adults with Swallowing Problems. *Pacific Rim International Journal of Nursing Research*, 28(2), 308-320. <https://doi.org/10.60099/prijnr.2024.267113>
- Kobkam, K., Aree-ue, S., & Roopsawang, I. (2024). The Prevalence of Lower Urinary Tract Symptoms and Their Associations with Health Outcomes among Older Nursing Home Residents: A Cross-



sectional Study. *Pacific Rim International Journal of Nursing Research*, 28(3), 552-566.
<https://doi.org/10.60099/prijnr.2024.268207>

- Roopsawang, I., Aree-Ue, S., Thompson, H., & Numthavaj, P. (2024). Frailty as a mediator of postoperative delirium in older adults undergoing orthopedic surgery: A causal mediation analysis. *International Journal of Nursing Studies Advances*, 7, 1-9. <https://doi.org/10.1016/j.ijnsa.2024.100247>
- Kaosaiyanant, P., Roopsawang, I., & Aree-Ue, S. (2023). Impact of Falls and Sleep Quality on Quality of Life among Older Men with Lower Urinary Tract Symptoms due to Benign Prostatic Hyperplasia. *Pacific Rim International Journal of Nursing Research*, 27(3), 549-563.
- Mongkolpun, S., Roopsawang, I. & Aree-Ue, S. (2023). Prevalence of Urinary Tract Infection and Health Outcomes in Older Adults Undergoing Hip Surgery: A Prospective Study. *Pacific Rim International Journal of Nursing Research*, 27(1), 19-33.
- Monkuntod, K., Aree-Ue, S., & Roopsawang, I. (2023). Associated Factors of Functional Ability in Older Persons Undergoing Hip Surgery Immediately Post-Hospital Discharge: A Prospective Study. *Journal of Clinical Medicine*, 12(19), 1-12. DOI: <https://doi.org/10.3390/jcm12196258>.
- Thangrom, W., Roopsawang, I., & Aree-Ue, S. (2023). Prevalence and Related Factors of Lower Urinary Tract Infection in Frail Older Adults Undergoing Major Noncardiac Surgery. *Geriatrics*, 8(2), 1-11. <https://doi.org/10.3390/geriatrics8020033>
- Thonprasertvat, B., Roopsawang, I. & Aree-Ue, S. (2023). Assessing the Predictive Power of Frailty and Life-Space Mobility on Patient-Reported Outcomes of Disability in Older Adults with Low Back Pain. *Healthcare*, 11(7), 1-11. DOI: <https://doi.org/10.3390/healthcare11071012>.
- Aree-Ue, S., Roopsawang, I., Saraboon, Y., Youngcharoen, P., Belza, B., & Kawinwonggowit, V. (2022). A comprehensive health education plus monitoring support program for older adults with knee osteoarthritis coexisting with overweight and type 2 diabetes. *International Journal of Nursing Sciences*. <https://doi.org/10.1016/j.ijnss.2022.08.002>
- Dharmakulsakti, P., Roopsawang, I., & Aree-Ue, S. (2022). Sarcopenia among Older Adults with Knee Osteoarthritis: A Cross-Sectional Study of Prevalence and Its Associated Factors. *Pacific Rim International Journal of Nursing Research*, 26(1), 121-134.
- Roopsawang, I., Aree-Ue, S., Baurangthienthong, S., Boontham, J., & Phiboonleetrakun, Y. (2022). Path Model Factors Associated with Depressive Symptoms among Older Thais Living in Rural Areas. *Geriatrics*, 7(3), 69. doi:10.3390/ geriatrics7030069
- Roopsawang, I., Zaslavsky, O., Thompson, H., Aree-Ue, S., Kwan, R., & Belza, B. (2021). Frailty measurements in hospitalised orthopaedic populations age 65 and older: A scoping review. *Journal of clinical nursing*, 10.1111/jocn.16035. doi: 10.1111/jocn.16035.
- Zaslavsky, O., Su, Y., Kim, B., Roopsawang, I., Wu, K.C., & Renn, B. N. (2021). Behavior Change Factors



and Retention in Dietary Interventions for Older Adults: A Scoping Review. *The Gerontologist*, gnab133. doi: 10.1093/geront/gnab13.

- Boontham, J., Aree-Ue, S., Wongvatunyu, S., Roopsawang, I., & Tempaiboolkul, T. (2020). The Relationships among Locomotive Syndrome, Depressive Symptom, and Quality of Life in Older Adults Living in Rural Areas. *The Journal of The Medical Association of Thailand*, 103(8), 796-803.

- Kwan, R., Salihu, D., Lee, P. H., Tse, M., Cheung, D., Roopsawang, I., & Choi, K. S. (2020). The effect of e-health interventions promoting physical activity in older people: A systematic review and meta-analysis. *European Review of Aging and Physical Activity*, 17, 7. doi: 10.1186/s11556-020-00239-5.

- Roopsawang, I., Thompson, H., Endowed, J.M., Zaslavsky, O., & Belza, B. (2020). Predicting hospital outcomes with the reported edmonton frail scale-Thai version in orthopaedic older patients. *The Journal of Clinical Nursing*, 2020(29), 4708-4719. doi: 10.1111/jocn.15512.

- Roopsawang, I., Thompson, H., Zaslavsky, O., & Belza, B. (2020). The Reported Edmonton Frail Scale-Thai version: Development and Validation of a Culturally-Sensitive Instrument. *Nursing & Health Sciences*, 22(3), 685–693. doi: 10.1111/nhs.12713.

- Zaslavsky, O., Su, Y., Rillamas-Sun, E., Roopsawang, I., & LaCroix, A. Z. (2020). Accelerometer-measured physical activity levels and fatigue in older women. *Journal of Aging and Physical Activity*, 28(5), 692–698. doi: 10.1123/japa.2019-0308.

- Aree-Ue, S., Kongsombun, U., Roopsawang, I., & Youngcharoen, P. (2019). Path Model of Factors Influencing Health-Related Quality of Life among Older People with Knee Osteoarthritis. *Nursing & Health Sciences*, 21(3), 345-351. doi: 10.1111/nhs.12602.

- Aree-Ue, S., Roopsawang, I., & Kawinwonggowit, V. (2019). Factors Predicting Functional Ability among Older Adults undergoing Hip and Knee Arthroplasty. *Pacific Rim International Journal of Nursing Research*, 23(2), 156-169.

- Zaslavsky, O., Roopsawang, I., & Chen, A.T. (2019). Promoting Behavioral Change in Mobile Health Interventions for Older Adults: A Scoping Review. *Research in Gerontological Nursing*, 13(2), 102-116. doi: 10.3928/19404921-20191031-01.

- Aree-Ue, S., Roopsawang, I., & Belza, B. (2016). Self-regulation in older Thai women with self-reported knee osteoarthritis: A path analysis. *Journal of Women and Aging*, 28(3), 247-258. doi: 10.1080/08952841.2014.951240.