

Faculty of Medicine Ramathibodi Hospital Mahidol University



Associate Professor Dr. Inthira Roopsawang

Email: Inthira.ros@mahidol.ac.th

Tel: 02-201-0615

Place of Work: Division of Adult and Gerontological Nursing

Ramathibodi School of Nursing

Faculty of Medicine Ramathibodi Hospital

Mahidol University

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 Itts Predicting Factors in Overweight Older Adults with Knee Osteoarthritis. Journal of The Police Nurses, 12(2), 338-347.

International Publications

- 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 Crosssectional 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

Ramathibodi School of Nursing

- 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



Faculty of Medicine Ramathibodi Hospital Mahidol University

- 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 undergoingHip 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.