

THE UNIVERSITY OF IOWA COLLEGE OF NURSING

FACULTY

NAME & TITLE: Barbara Rakel, PhD, RN
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EDUCATION:

<u>DEGREE</u>	<u>INSTITUTION</u>	<u>MAJOR</u>
BSN	University of Iowa	Nursing
MA	University of Iowa	Nursing
PhD	University of Iowa	Nursing
Postdoc	University of Iowa	Clinical Investigation

RESEARCH FOCUS:

- Pain management in older adults
- Hyperalgesia
- Nonpharmacologic pain interventions
- Acute care
- Evidence-based practice

CURRENT FUNDING:

- PI: Effectiveness of TENS on Knee Osteoarthritis Pain, Hyperalgesia, and Function (Congdon Fellowship Grant)

REPRESENTATIVE PUBLICATIONS:

Rakel, B.A., Brennan, T., Herr, K., Fink, L. (2006). Hyperalgesia is Experienced by Older Adults after Total Knee Replacement [Abstract], *The Journal of Pain*, 7(5 – Suppl. 1), S18.

Pasero, C., Rakel, B.A. & McCaffery, M. (2005). Postoperative pain management in older adults. In: D. Weiner & S. Gibson (Eds.), *Pain in the older adult*, IASP Press, St. Louis.

Rakel, B.A. and Herr, K. (2004). Assessment and treatment of postoperative pain in older adults, *Journal of Perianesthesia Nursing*, 19(3): 194-208.

Rakel, B.A. & Frantz, R. (2003). Effectiveness of transcutaneous electrical nerve stimulation (TENS) on postoperative pain with movement, *The Journal of Pain*, 4(8), 455-464.

Rakel, B.A., & Barr, J.O. (2003). Physical modalities in chronic pain management. *Nursing Clinics of North America*, 38(3), 477-494.

Rakel, B.A. & Titler, M.G. (2001). Pain management in critical care. *Critical Care Nursing Clinics of North America*, 13(2), W. B. Saunders Company.

Titler, M. & Rakel, B.A. (2001). Non-pharmacologic treatment of pain. *Critical Care Nursing Clinics of North America*, 13(2), 221-232.

Titler, M.G., Kleiber, C., Rakel, B., Budreau, G., Everett, L.Q., Steelman, V., Buckwalter, K.C., Tripp Reimer, T., & Goode C. (2001). The Iowa model of evidence-based practice to promote quality care. *Critical Care Nursing Clinics of North America*, 13(4), 497-509.

Titler, M.G., Mentis, J.C., Rakel, B.A., Abbott, L., & Baumler, S. (1999). From book to bedside: Putting evidence to use in the care of the elderly. *The Joint Commission Journal on Quality Improvement*, 25(10), 545-556.

Rakel, B.A., Bermel, M.A., Abbott, L.I., Baumler, S.K., Burger, M.R., Dawson, C.J., Heinle, J.A., & Ocheltree, I.M. (1998). Split-thickness skin graft donor site care: Quantitative synthesis of the research. *Applied Nursing Research*, 11(4), 174-182.

Hall, G.R., Karsten, M., Rakel, B., Swanson, E., & Davidson, A. (1995). Managing constipation using a research-based protocol. *MEDSURG Nursing*, 4(1), 11-18.

Rakel, B.A., Titler, M., Goode, C.J., Walker, Jean B., Budreau, G., & Buckwalter, K.C. (1994). Nasogastric/nasointestinal feeding tube placement: An integrative review of research. *AACN Clinical Issues in Critical Care Nursing*, 5(2), 194-206.

Titler, M.G., Kleiber, C., Steelman, V., Goode, C., Rakel, B., Barry-Walker, J., Small, S., & Buckwalter, K.C. (1994). Infusing research into practice to promote quality care. *Nursing Research*, 43(5), 307-313.