

Cancer in Older Adults

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Review Literature and Nurse-Specific Issues

- Balducci, L., & Beghe, C. (2000). The application of the principles of geriatrics to the management of the older person with cancer. *Critical Reviews in Oncology/Hematology*, 35, 147–154.
- Balducci, L., & Stanta, G. (2000). Cancer in the frail patient: A coming epidemic. *Hematology/Oncology Clinics of North America*, 14, 235–250.
- Bourbonniere, M., & Kagan, S.H. (2004). Nursing intervention and older adults who have cancer: Specific science and evidence-based practice. *Nursing Clinics of North America*, 39, 529–543.
- Boyle, D. (in press). Strategies for optimizing nursing care of the older adult with cancer. In H. Muss, C. Hunter, & K. Johnson (Eds.), *Comprehensive treatment and management of cancer in the elderly*. New York: Marcel Dekker.
- Boyle, D.A. (2003). Cancer in the elderly: Key facts. *Oncology Supportive Care Quarterly*, 2(1), 6–21.
- Boyle, D.M. (2003). Establishing a nursing research agenda in gero-oncology. *Critical Reviews in Oncology/Hematology*, 48, 103–111.
- Kagan, S.H. (2004). Gero-oncology nursing research. *Oncology Nursing Forum*, 31, 293–299.
- Oncology Nursing Society and Geriatric Oncology Consortium joint position on cancer care in the older adult. (2004). *Oncology Nursing Forum*, 31, 489–490.
- Silverman, M.A., Zaidi, U., Barnett, S., Robles, C., Khurana, V., Manten, H., et al. (2000). Cancer screening in the elderly population. *Hematology/Oncology Clinics of North America*, 14, 89–112.

Epidemiology

- Edwards, B.K., Howe, H.L., Ries, L.A., Thun, M.J., Rosenberg, H.M., Yancik, R., et al. (2002). Annual report to the nation on the status of cancer, 1973–1999, featuring implications of age and aging on U.S. cancer burden. *Cancer*, 94, 2766–2792.
- Jemal, A., Murray, T., Ward, E., Samuels, A.,

- Tiwari, R.C., Ghafoor, A., et al. (2005). Cancer statistics, 2005. *CA: A Cancer Journal for Clinicians*, 55, 10–30.
- Yancik, R., & Ries, L.A. (2000). Aging and cancer in America: Demographic and epidemiologic perspectives. *Hematology/Oncology Clinics of North America*, 14, 17–23.

Pathogenesis

- Anisimov, V.N. (1998). Age as a risk factor for multistage carcinogenesis. In L. Balducci, G.H. Lyman, & W.B. Ershler (Eds.), *Comprehensive geriatric oncology* (pp. 157–178). Amsterdam: Harwood Academic.
- Armitage, P., & Doll, R. (2004). The age distribution of cancer and a multi-stage theory of carcinogenesis. *British Journal of Cancer*, 91, 1983–1989.
- Campisi, J. (1997). Aging and cancer: The double-edged sword of replicative senescence. *Journal of the American Geriatrics Society*, 45, 482–488.
- Denduluri, N., & Ershler, W.B. (2004). Aging biology and cancer. *Seminars in Oncology*, 31, 137–148.
- Ershler, W.B., & Longo, D.L. (1997). Aging and cancer: Issues of basic and clinical science. *Journal of the National Cancer Institute*, 89, 1489–1497.
- Fernandez-Pol, J.A., & Douglas, M.G. (2000). Molecular interactions of cancer and age. *Hematology/Oncology Clinics of North America*, 14, 25–44.
- Lichtman, M.A., & Rowe, J.M. (2004). The relationship of patient age to the pathobiology of the clonal myeloid diseases. *Seminars in Oncology*, 31, 185–197.

Surgery

- Hodgson, N.A., & Given, C.W. (2004). Determinants of functional recovery in older adults surgically treated for cancer. *Cancer Nursing*, 27, 10–16.
- Kemeny, M.M. (2004). Surgery in older patients. *Seminars in Oncology*, 31, 175–184.
- Patel, S.A., & Zenilman, M.E. (2001). Outcomes in older people undergoing operative intervention for colorectal cancer. *Journal of the American Geriatrics Society*, 49, 1561–1564.

- Samain, E., Schauvliege, F., Deval, B., & Marty, J. (2003). Anesthesia for breast cancer surgery in the elderly. *Critical Reviews in Oncology/Hematology*, 46, 115–120.

Radiation Therapy

- Chon, B.H., & Loeffler, J.S. (2002). The effect of nonmalignant systemic disease on tolerance to radiation therapy. *Oncologist*, 7, 136–143.
- Haas, M.L. (2004). Utilizing geriatric skills in radiation oncology. *Geriatric Nursing*, 25, 355–360.
- Olmi, P., Cefaro, G.A., Balzi, M., Becciolini, A., & Geinitz, H. (1997). Radiotherapy in the aged. *Clinics in Geriatric Medicine*, 13, 143–168.
- Roa, W., Brasher, P.M., Bauman, G., Anthes, M., Bruera, E., Chan, A., et al. (2004). Abbreviated course of radiation therapy in older patients with glioblastoma multiforme: A prospective randomized clinical trial. *Journal of Clinical Oncology*, 22, 1583–1588.
- Zachariah, B., & Balducci, L. (2000). Radiation therapy of the older patient. *Hematology/Oncology Clinics of North America*, 14, 131–167.

Chemotherapy and Related Issues

- Balducci, L., & Corcoran, M.B. (2000). Antineoplastic chemotherapy of the older cancer patient. *Hematology/Oncology Clinics of North America*, 14, 193–212.
- Bedell, C.H. (2003). A changing paradigm for cancer treatment: The advent of new oral chemotherapy agents. *Clinical Journal of Oncology Nursing*, 7(6, Suppl.), 5–9.
- Fink, A.K., Gurwitz, J., Rakowski, W., Guadagnoli, E., & Silliman, R.A. (2004). Patient

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Digital Object Identifier: 10.1188/05.ONF.913-917

- beliefs and tamoxifen discontinuance in older women with estrogen receptor-positive breast cancer. *Journal of Clinical Oncology*, 22, 3309–3315.
- Green, J.M., & Hacker, E.D. (2004). Chemotherapy in the geriatric population. *Clinical Journal of Oncology Nursing*, 8, 591–597.
- Hood, L.E. (2003). Chemotherapy in the elderly: Supportive measures for chemotherapy-induced myelotoxicity. *Clinical Journal of Oncology Nursing*, 7, 185–190.
- Lichtman, S.M. (2004). Chemotherapy in the elderly. *Seminars in Oncology*, 31, 160–174.
- McSweeney, P.A., Niederwieser, D., Shizuru, J.A., Sandmaier, B.M., Molina, A.J., Maloney, D.G., et al. (2001). Hematopoietic cell transplantation in older patients with hematologic malignancies: Replacing high-dose cytotoxic therapy with graft-versus-tumor effects. *Blood*, 97, 3390–3400.
- Meyer, J., & Balducci, L. (2003). Chemotherapy in the older person. In J. Overcash & L. Balducci (Eds.), *The older cancer patient: A guide for nurses and related professionals* (pp. 144–167). New York: Springer.
- Skirvin, J.A., & Lichtman, S.M. (2002). Pharmacokinetic considerations of oral chemotherapy in elderly patients with cancer. *Drugs and Aging*, 19, 25–42.
- Stevens, L.A., & Levey, A.S. (2004). Clinical implications of estimating equations for glomerular filtration rate. *Annals of Internal Medicine*, 141, 959–961.
- Tranchand, B., Laporte, S., Glehen, O., & Freyer, G. (2003). Pharmacology of cytotoxic agents: A helpful tool for building dose adjustment guidelines in the elderly. *Critical Reviews in Oncology/Hematology*, 48, 199–214.
- Wildiers, H., Highley, M.S., de Bruijn, E.A., & van Oosterom, A.T. (2003). Pharmacology of anticancer drugs in the elderly population. *Clinical Pharmacokinetics*, 42, 1213–1242.
- Zhou, S., Kestell, P., Tingle, M.D., & Paxton, J.W. (2002). Thalidomide in cancer treatment: A potential role in the elderly? *Drugs and Aging*, 19, 85–100.
- Holley, S. (2002). A look at the problem of falls among people with cancer. *Clinical Journal of Oncology Nursing*, 6, 193–197.
- Ingram, S.S., Seo, P.H., Martell, R.E., Clipp, E.C., Doyle, M.E., Montana, G.S., et al. (2002). Comprehensive assessment of the elderly cancer patient: The feasibility of self-report methodology. *Journal of Clinical Oncology*, 20, 770–775.
- Naeim, A., & Reuben, D. (2001). Geriatric syndromes and assessment in older cancer patients. *Oncology*, 15, 1567–1591.
- Rao, A.V., Seo, P.H., & Cohen, H.J. (2004). Geriatric assessment and comorbidity. *Seminars in Oncology*, 31, 149–159.
- Repetto, L., & Comandini, D. (2000). Cancer in the elderly: Assessing patients for fitness. *Critical Reviews in Oncology/Hematology*, 35, 155–160.
- Repetto, L., Frattino, L., Audisio, R.A., Venturino, A., Gianni, W., Vercelli, M., et al. (2002). Comprehensive geriatric assessment adds information to Eastern Cooperative Oncology Group performance status in elderly cancer patients: An Italian Group for Geriatric Oncology study. *Journal of Clinical Oncology*, 20, 494–502.
- Yates, J.W. (2001). Comorbidity considerations in geriatric oncology research. *CA: A Cancer Journal for Clinicians*, 51, 329–336.
- Curran, M.P., & Plosker, G.L. (2002). Vinorelbine: A review of its use in elderly patients with advanced non-small cell lung cancer. *Drugs and Aging*, 19, 695–721.
- Gift, A.G., Jablonski, A., Stommel, M., & Given, C.W. (2004). Symptom clusters in elderly patients with lung cancer. *Oncology Nursing Forum*, 31, 202–212.
- Gillani, A.A., & Grunberg, S.M. (2004). Aero-respiratory tract cancer in older patients. *Seminars in Oncology*, 31, 220–233.
- Gridelli, C., Maione, P., Rossi, A., Ciardiello, F., & Raben, D. (2005). Treatment of locally advanced non-small cell lung cancer in the elderly. *Current Opinion in Oncology*, 17, 130–134.
- Hinton, S., & Sandler, A. (2002). Lung cancer in the elderly: Current and future chemotherapeutic options. *Drugs and Aging*, 19, 365–375.
- Hurria, A., & Kris, M.G. (2003). Management of lung cancer in older adults. *CA: A Cancer Journal for Clinicians*, 53, 325–341.
- Stephens, R.J., & Johnson, D.H. (2000). Treatment and outcomes for elderly patients with small cell lung cancer. *Drugs and Aging*, 17, 229–247.
- Alberg, A.J., & Singh, S. (2001). Epidemiology of breast cancer in older women: Implications for future healthcare. *Drugs and Aging*, 18, 761–772.
- Boyle, D.A. (in press). Care of the older adult with breast cancer. In D. Cope & A. Reb (Eds.), *An evidence-based approach to the treatment and care of the older adult with cancer*. Pittsburgh, PA: Oncology Nursing Society.
- Breast cancer screening in older women. American Geriatrics Society Clinical Practice Committee. (2000). *Journal of the American Geriatrics Society*, 48, 842–844.
- Holmes, C.E., & Muss, H.B. (2003). Diagnosis and treatment of breast cancer in the elderly. *CA: A Cancer Journal for Clinicians*, 53, 227–244.
- Jennings-Sanders, A., & Anderson, E.T. (2003). Older women with breast cancer: Perceptions of the effectiveness of nurse case managers. *Nursing Outlook*, 51, 108–114.
- Kimmick, G., & Muss, H.B. (2004). Breast cancer in older patients. *Seminars in Oncology*, 31, 234–248.
- Kimmick, G.G., & Muss, H.B. (2001). Systemic therapy for older women with breast cancer. *Oncology*, 15, 280–299.
- Kurtz, J.E., & Dufour, P. (2002). Strategies for improving quality of life in older patients with metastatic breast cancer. *Drugs and Aging*, 19, 605–622.
- Maly, R.C., Leake, B., & Silliman, R.A. (2004). Breast cancer treatment in older women: Impact of the patient-physician interaction. *Journal of the American Geriatrics Society*, 52, 1138–1145.
- Muss, H.B., Woolf, S., Berry, D., Cirincione, C., Weiss, R.B., Budman, D., et al. (2005). Adjuvant chemotherapy in older and younger women with lymph node-positive breast cancer. *JAMA*, 293, 1073–1081.
- Wildiers, H., & Paridaens, R. (2004). Taxanes in elderly breast cancer patients. *Cancer Treatment Reviews*, 30, 333–342.
- Yarbrough, S.S. (2004). Older women and breast cancer screening: Research synthesis [Online exclusive]. *Oncology Nursing Forum*, 31, E9–E15. Retrieved July 5, 2005, from <http://www.ons.org/publications/journals/ONF/Volume31/Issue1/pdf/42.pdf>

Lung Cancer

Prostate Cancer

Comprehensive Assessment and Comorbidity

prostatic hyperplasia: Comparison with men from the general population. *Cancer Nursing*, 27, 218–229.

- Ko, Y.J., & Bubley, G.J. (2001). Prostate cancer in the older man. *Oncology*, 15, 1113–1119, 1123–1126, 1131.
- Wallace, M., Bailey, D., Jr., O'Rourke, M., & Galbraith, M. (2004). The watchful waiting management option for older men with prostate cancer: State of the science. *Oncology Nursing Forum*, 31, 1057–1066.

Other Malignancies

- Boyle, D.A., & Angert, V.J. (1998). Lymphoma at the extremes of age. *Seminars in Oncology Nursing*, 14, 302–311.
- Brandes, A.A., Vastola, F., Basso, U., Berti, F., Pinna, G., Rotilio, A., et al. (2003). A prospective study on glioblastoma in the elderly. *Cancer*, 97, 657–662.
- Cannistra, S.A. (2004). Cancer of the ovary. *New England Journal of Medicine*, 351, 2519–2529.
- Charnley, N., Choudhury, A., Chesser, P., Cooper, R.A., & Sebag-Montefiore, D. (2005). Effective treatment of anal cancer in the elderly with low-dose chemoradiotherapy. *British Journal of Cancer*, 92, 1221–1225.
- Chiorazzi, N., Rai, K.R., & Ferranini, M. (2005). Chronic lymphocytic leukemia. *New England Journal of Medicine*, 352, 804–815.
- Cripe, L.D., & Rutledge, C.K. (2002). The care of the older adult with acute myeloid leukemia or a myelodysplastic syndrome. *Annals of Long-Term Care*, 10(10), 35–41.
- Jacobson, S.D., Alberts, S.R., & O'Connell, M.J. (2001). Pancreatic cancer in the older adult. *Oncology*, 15, 926–932, 935–937.
- Kyle, R.A., & Rajkumar, S.V. (2004). Multiple myeloma. *New England Journal of Medicine*, 351, 1860–1873.
- Lancet, J.E., Willman, C.L., & Bennett, J.M. (2000). Acute myelogenous leukemia and aging: Clinical interactions. *Hematology/Oncology Clinics of North America*, 14, 251–267.
- Luciani, A., & Balducci, L. (2004). Multiple primary malignancies. *Seminars in Oncology*, 31, 264–273.
- Mangan, P. (2005). Recognizing multiple myeloma. *Nurse Practitioner*, 30(3), 14–18, 23–29.
- Mirhashemi, R., Nieves-Neira, W., & Averette, H.E. (2001). Gynecologic malignancies in older women. *Oncology*, 15, 580–586.
- Seiter, K. (2002). Treatment of acute myelogenous leukemia in the elderly patient. *Clinical Geriatrics*, 10(8), 41–46.
- Sekeres, M.A., & Stone, R.M. (2002). The challenge of acute myeloid leukemia in older patients. *Current Opinion in Oncology*, 14, 24–30.
- Vini, L., Hyer, S.L., Marshall, J., A'Hern, R., & Harmer, C. (2003). Long-term results in elderly patients with differentiated thyroid carcinoma. *Cancer*, 97, 2736–2742.
- Westin, E.H., & Longo, D.L. (2004). Lymphoma and myeloma in older patients. *Seminars in Oncology*, 31, 198–205.

Caregiving, Social Support, and Home Care

- Ballantyne, P.J. (2004). Social context and outcomes for the aging breast cancer patient: Considerations for clinical practitioners. *Journal of Clinical Nursing*, 13, 11–21.
- Haley, W.E. (2003). Family caregivers of elderly patients with cancer: Understanding and minimizing the burden of care. *Journal of Supportive Oncology*, 1(4, Suppl. 2), 25–29.
- McCarthy, E.P., Burns, R.B., Davis, R.B., & Phillips, R.S. (2003). Barriers to hospice care among older patients dying with lung and colorectal cancer. *Journal of Clinical Oncology*, 21, 728–735.
- McCorkle, R., Strumpf, N.E., Nuamah, I.F., Adler, D.C., Cooley, M.E., Jepson, C., et al. (2000). A specialized home care intervention improves survival among older post-surgical cancer patients. *Journal of the American Geriatrics Society*, 48, 1707–1713.
- Overcash, J., & Balducci, L. (2003). Social support networks of the older cancer patient. In J. Overcash & L. Balducci (Eds.), *The older cancer patient: A guide for nurses and related professionals* (pp. 223–241). New York: Springer.

Coping

- Chouliara, Z., Miller, M., Stott, D., Molassiotis, A., Twelves, C., & Kearney, N. (2004). Older people with cancer: Perception and feelings about information, decision-making and treatment—A pilot study. *European Journal of Oncology Nursing*, 8, 257–261.
- Esbensen, B.A., Osterlind, K., Roer, O., & Hallberg, I.R. (2004). Quality of life of elderly persons with newly diagnosed cancer. *European Journal of Cancer Care*, 13, 443–453.
- Fitch, M.I., Gray, R.E., & Franssen, E. (2001). Perspectives on living with ovarian cancer: Older women's views. *Oncology Nursing Forum*, 28, 1433–1442.
- Liang, W., Burnett, C.B., Rowland, J.H., Meropol, N.J., Eggert, L., Hwang, Y.T., et al. (2002). Communication between physicians and older women with localized breast cancer: Implications for treatment and patient satisfaction. *Journal of Clinical Oncology*, 20, 1008–1016.
- Roth, A.J., & Modi, R. (2003). Psychiatric issues in older cancer patients. *Critical Reviews in Oncology/Hematology*, 48, 185–197.
- Thome, B., Dykes, A.K., Gunnars, B., & Hallberg, I.R. (2003). The experiences of older people living with cancer. *Cancer Nursing*, 26, 85–96.

Finances

- Chang, S., Long, S.R., Kutikova, L., Bowman, L., Finley, D., Crown, W.H., et al. (2004). Estimating the cost of cancer: Results on the basis of claims data analyses for cancer patients diagnosed with seven types of cancer during 1999 to 2000. *Journal of Clinical Oncology*, 22, 3524–3530.
- Haley, W.E. (2003). The costs of family caregiving:

- Implications for geriatric oncology. *Critical Reviews in Oncology/Hematology*, 48, 151–158.
- Lubitz, J., Cai, L., Kramarow, E., & Lentzner, H. (2003). Health, life expectancy, and health care spending among the elderly. *New England Journal of Medicine*, 349, 1048–1055.
- Lyman, G.H., Kuderer, N.M., & Balducci, L. (2002). Cost-benefit analysis of granulocyte colony-stimulating factor in the management of elderly cancer patients. *Current Opinion in Hematology*, 9, 207–214.
- Ramsey, S.D., Howlader, N., Etzioni, R.D., & Donato, B. (2004). Chemotherapy use, outcomes, and costs for older persons with advanced non-small-cell lung cancer: Evidence from Surveillance, Epidemiology and End Results—Medicare. *Journal of Clinical Oncology*, 22, 4971–4978.
- Warren, J.L., Brown, M.L., Fay, M.P., Schussler, N., Potosky, A.L., & Riley, G.F. (2002). Costs of treatment for elderly women with early-stage breast cancer in fee-for-service settings. *Journal of Clinical Oncology*, 20, 307–316.

Symptom Distress

- Armer, J., & Fu, M.R. (2005). Age differences in post-breast cancer lymphedema signs and symptoms. *Cancer Nursing*, 28, 200–207.
- Balducci, L., & Repetto, L. (2004). Increased risk of myelotoxicity in elderly patients with non-Hodgkin lymphoma. *Cancer*, 100, 6–11.
- Boyle, D. (in press). Delirium in the older patient with cancer: Implications for practice and research. *Oncology Nursing Forum*.
- Duggleby, W. (2000). Enduring suffering: A grounded theory analysis of the pain experience of elderly hospice patients with cancer. *Oncology Nursing Forum*, 27, 825–831.
- Given, S., Given, C., Azzouz, F., & Stommel, M. (2001). Physical functioning of elderly cancer patients prior to diagnosis and following initial treatment. *Nursing Research*, 50, 222–232.
- Holley, S. (2003). Cancer fatigue and aging. In J. Overcash & L. Balducci (Eds.), *The older cancer patient: A guide for nurses and related professionals* (pp. 168–180). New York: Springer.
- Kurtz, M.E., Kurtz, J.C., Stommel, M., Given, C.W., & Given, B.A. (2000). Symptomatology and loss of physical functioning among geriatric patients with lung cancer. *Journal of Pain and Symptom Management*, 19, 249–256.
- Lawlor, P.G. (2002). The panorama of opioid-related cognitive dysfunction in patients with cancer: A critical literature appraisal. *Cancer*, 94, 1836–1853.
- Repetto, L., Biganzoli, L., Koehne, C.H., Luebbe, A.S., Soubeyran, P., Tjan-Heijnen, V.C., et al. (2003). EORTC Cancer in the Elderly Task Force guidelines for the use of colony-stimulating factors in elderly patients with cancer. *European Journal of Cancer*, 39, 2264–2272.

Ethics and End-of-Life Care

- Emanuel, E.J., Young-Xu, Y., Levinsky, N.G., Gazelle, G., Saynina, O., & Ash, A.S. (2003).

- Chemotherapy use among Medicare beneficiaries at the end of life. *Annals of Internal Medicine*, 138, 639–643.
- Evers, M.M., Meier, D.E., & Morrison, R.S. (2002). Assessing differences in care needs and service utilization in geriatric palliative care patients. *Journal of Pain and Symptom Management*, 23, 424–432.
- Matulonis, U.A. (2004). End of life issues in older patients. *Seminars in Oncology*, 31, 274–281.
- Mueller, P.S., Hook, C.C., & Fleming, K.C. (2004). Ethical issues in geriatrics: A guide for clinicians. *Mayo Clinic Proceedings*, 79, 554–562.
- Rose, J.H., O'Toole, E.E., Dawson, N.V., Lawrence, R., Gurley, D., Thomas, C., et al. (2004). Perspectives, preferences, care practices, and outcomes among older and middle-aged patients with late-stage cancer. *Journal of Clinical Oncology*, 22, 4907–4917.
- Vig, E.K., & Pearlman, R.A. (2003). Quality of life while dying: A qualitative study of terminally ill older men. *Journal of the American Geriatrics Society*, 51, 1595–1601.
- ## General Epidemiology
- Knickman, J.R., & Snell, E.K. (2002). The 2030 problem: Caring for aging baby boomers. *Health Services Research*, 37, 849–884.
- Kovner, C.T., Mezey, M., & Harrington, C. (2002). Who cares for older adults? Workforce implications of an aging society. *Health Affairs*, 21, 78–89.
- Libow, L.S. (2005). Geriatrics in the United States—Baby boomers' boon? *New England Journal of Medicine*, 352, 750–752.
- ## General Conditions and Syndromes
- Acton, G.J., & Winter, M.A. (2002). Interventions for family members caring for an elder with dementia. *Annual Review of Nursing Research*, 20, 149–179.
- Amella, E.J. (2004). Presentation of illness in older adults. *American Journal of Nursing*, 104(10), 40–51.
- Bennett, J.A. (2002). Maintaining and improving physical function in elders. *Annual Review of Nursing Research*, 20, 3–33.
- Borders, T.F., Rohrer, J.E., Xu, K.T., & Smith, D.R. (2004). Older persons' evaluations of health care: The effects of medical skepticism and worry about health. *Health Services Research*, 39, 35–52.
- Brager, R., & Sloan, E. (2005). The spectrum of polypharmacy. *Nurse Practitioner*, 30, 44–50.
- Brodaty, H., Green, A., & Koschera, A. (2003). Meta-analysis of psychosocial interventions for caregivers of people with dementia. *Journal of the American Geriatrics Society*, 51, 657–664.
- Budson, A.E., & Price, B.H. (2005). Memory dysfunction. *New England Journal of Medicine*, 352, 692–699.
- Buffum, M.D., & Buffum, J.C. (2005). Treating depression in the elderly: An update on antidepressants. *Geriatric Nursing*, 26, 138–142.
- Bull, M.J. (2001). Interventions for women as family caregivers. *Annual Review of Nursing Research*, 19, 125–142.
- Callahan, C.M., Kroenke, K., Counsell, S.R., Hendrie, H.C., Perkins, A.J., Katon, W., et al. (2005). Treatment of depression improves physical functioning in older adults. *Journal of the American Geriatrics Society*, 53, 367–373.
- Cartwright, J.C. (2002). Nursing homes and assisted living facilities as places for dying. *Annual Review of Nursing Research*, 20, 231–264.
- Clark, A.P., & Baldwin, K. (2004). Best practices for care of older adults: Highlights and summary from the preconference. NACNS National Conference, March 10, 2004, San Antonio, Texas. *Clinical Nurse Specialist*, 18, 288–299.
- Coleman, E.A., Smith, J.D., Frank, J.C., Min, S.J., Parry, C., & Kramer, A.M. (2004). Preparing patients and caregivers to participate in care delivered across settings: The Care Transitions Intervention. *Journal of the American Geriatrics Society*, 52, 1817–1825.
- Cummings, J.L. (2004). Alzheimer's disease. *New England Journal of Medicine*, 351, 56–67.
- Delafuente, J.C. (2003). Understanding and preventing drug interactions in elderly patients. *Critical Reviews in Oncology/Hematology*, 48, 133–143.
- DiMaria-Ghalili, R.A., & Amella, E. (2005). Nutrition in older adults. *American Journal of Nursing*, 105, 40–50.
- Fried, T.R., Bradley, E.H., & O'Leary, J. (2003). Prognosis communication in serious illness: Perceptions of older patients, caregivers, and clinicians. *Journal of the American Geriatrics Society*, 51, 1398–1403.
- Guideline for the prevention of falls in older persons. American Geriatrics Society, British Geriatrics Society, American Academy of Orthopaedic Surgeons Panel on Falls Prevention. (2001). *Journal of the American Geriatrics Society*, 49, 664–672.
- Loeb, S.J., Penrod, J., Falkenstein, S., Gueldner, S.H., & Poon, L.W. (2003). Supporting older adults living with multiple chronic conditions. *Western Journal of Nursing Research*, 25, 8–29.
- Lugger, A.S. (2005). Gerontologic nurse practitioner care guidelines: Dementia behaviors: Recognition and management. *Geriatric Nursing*, 26, 95–97.
- Maas, M.L., Reed, D., Park, M., Specht, J.P., Schutte, D., Kelley, L.S., et al. (2004). Outcomes of family involvement in care intervention for caregivers of individuals with dementia. *Nursing Research*, 53, 76–86.
- Magsi, H., & Malloy, T. (2005). Underrecognition of cognitive impairment in assisted living facilities. *Journal of the American Geriatrics Society*, 53, 295–298.
- Marek, K.D., Popejoy, L., Petroski, G., Mehr, D., Rantz, M., & Lin, W.C. (2005). Clinical outcomes of aging in place. *Nursing Research*, 54, 202–211.
- McCall, W.V. (2005). Diagnosis and management of insomnia in older people. *Journal of the American Geriatrics Society*, 53(7, Suppl.), S272–S277.
- Metlay, J.P., Cohen, A., Polsky, D., Kimmel, S.E., Koppel, R., & Hennessy, S. (2005). Medication safety in older adults: Home-based practice patterns. *Journal of the American Geriatrics Society*, 53, 976–982.
- Mick, D.J., & Ackerman, M.H. (2004). Critical care nursing for older adults: Pathophysiological and functional considerations. *Nursing Clinics of North America*, 39, 473–493.
- Miller, L.L., & Talerico, K.A. (2002). Pain in older adults. *Annual Review of Nursing Research*, 20, 63–88.
- Mueller, P.S., Hook, C.C., & Fleming, K.C. (2004). Ethical issues in geriatrics: A guide for clinicians. *Mayo Clinic Proceedings*, 79, 554–562.
- Narayanasamy, A., Clissett, P., Parumal, L., Thompson, D., Annasamy, S., & Edge, R. (2004). Responses to the spiritual needs of older people. *Journal of Advanced Nursing*, 48, 6–16.
- Naylor, M.D. (2002). Transitional care of older adults. *Annual Review of Nursing Research*, 20, 127–147.
- Naylor, M.D., Stephens, C., Bowles, K.H., & Bixby, M.B. (2005). Cognitively impaired older adults: From hospital to home. *American Journal of Nursing*, 105, 52–61.
- Nelson, A., Powell-Cope, G., Gavin-Dreschnack, D., Quigley, P., Bulat, T., Baptiste, A.S., et al. (2004). Technology to promote safe mobility in the elderly. *Nursing Clinics of North America*, 39, 649–671.
- Rantz, M.J., Marek, K.D., Aud, M., Tyrer, H.W., Skubic, M., Demiris, G., et al. (2005). A technology and nursing collaboration to help older adults age in place. *Nursing Outlook*, 53, 40–45.
- Rigler, S.K., Jachna, C.M., Perera, S., Shireman, T.I., & Eng, M.L. (2005). Patterns of potentially inappropriate medication use across three cohorts of older Medicaid recipients. *Annals of Pharmacotherapy*, 39, 1175–1181.
- Sauaia, A., Min, S.J., Leber, C., Erbacher, K., Abrams, F., & Fink, R. (2005). Postoperative pain management in elderly patients: Correlation between adherence to treatment guidelines and patient satisfaction. *Journal of the American Geriatrics Society*, 53, 274–282.
- Scholder, J., Kagan, S., & Schumann, M.J. (2004). Nurse competence in aging overview. *Nursing Clinics of North America*, 39, 429–442.
- Schulz, R., Beach, S.R., Lind, B., Martire, L.M., Zdaniuk, B., Hirsch, C., et al. (2001). Involvement in caregiving and adjustment to death of a spouse: Findings from the caregiver health effects study. *JAMA*, 285, 3123–3129.
- Schumacher, K.L., & Marren, J. (2004). Home care nursing for older adults: State of the science. *Nursing Clinics of North America*, 39, 443–471.
- Specht, J.K. (2005). 9 myths of incontinence in older adults: Both clinicians and the over-65 set need to know more. *American Journal of Nursing*, 105, 58–68.
- Sullivan, J.R., & Shear, N.H. (2002). Drug eruptions and other adverse drug effects in aged skin. *Clinics in Geriatric Medicine*, 18, 21–42.

Wallhagen, M.I. (2002). Hearing impairment. *Annual Review of Nursing Research*, 20, 341–368.

Yin, T., Zhou, Q., & Bashford, C. (2002). Burden on family members: Caring for frail elderly: A meta-analysis of interventions. *Nursing Research*, 51, 199–208.

Professional Issues

Besdine, R., Boulton, C., Brangman, S., Coleman, E.A., Fried, L.P., Gerety, M., et al. (2005). Caring for older Americans: The future of geriatric medicine. *Journal of the American Geriatrics Society*, 53(6, Suppl.), S245–S256.

Buerhaus, P.I., Needleman, J., Mattke, S., & Stewart, M. (2002). Strengthening hospital nursing. *Health Affairs*, 21, 123–132.

Fitzsimmons, L., Hadley, S.A., & Shively, M. (1999). The education of advanced practice nurses: A contemporary approach. *Critical Care Nursing Quarterly*, 21, 77–85.

Futrell, M., & Melillo, K.D. (2005). Gerontological nurse practitioners: Implications for the future.

Journal of Gerontological Nursing, 31(4), 19–24.

Hatcliffe, S. (2003). Standing in their shoes: An experiential learning experience in promoting age sensitivity. *Journal for Nurses in Staff Development*, 19, 183–186.

Joy, J.P., Carter, D.E., & Smith, L.N. (2000). The evolving educational needs of nurses caring for the older adult: A literature review. *Journal of Advanced Nursing*, 31, 1039–1045.

Kearney, N., Miller, M., Paul, J., & Smith, K. (2000). Oncology healthcare professionals' attitudes toward elderly people. *Annals of Oncology*, 11, 599–601.

Levine, S.A., Caruso, L.B., Vanderschmidt, H., Silliman, R.A., & Barry, P.P. (2005). Faculty development in geriatrics for clinician educators: A unique model for skills acquisition and academia achievement. *Journal of the American Geriatrics Society*, 53, 516–521.

McBride, A.B. (2000). Nursing and gerontology. *Journal of Gerontological Nursing*, 26, 18–27.

Mezey, M., Fulmer, T., & Fairchild, S. (2000). Enhancing geriatric nursing scholarship: Specialization versus generalization. *Journal of Gerontological Nursing*, 26, 28–35.

Mick, D.J., & Ackerman, M.H. (2002). New perspectives on advanced practice nursing case management for aging patients. *Critical Care Nursing Clinics of North America*, 14, 281–291.

Parke, B., Ross, D., & Moss, L. (2003). Creating a cultural shift. A gerontological enrichment program for acute care. *Journal for Nurses in Staff Development*, 19, 305–312.

Potter, J.F., Burton, J.R., Drach, G.W., Eisner, J., Lundebjerg, N.E., & Solomon, D.H. (2005). Geriatrics for residents in the surgical and medical specialties: Implementation of curricula and training experiences. *Journal of the American Geriatrics Society*, 53, 511–515.

Regenstreif, D.I., Brittis, S., Fagin, C.M., & Rieder, C.H. (2003). Strategies to advance geriatric nursing: The John A. Hartford Foundation initiatives. *Journal of the American Geriatrics Society*, 51, 1479–1483.

Wendt, A. (2003). Mapping geriatric nursing competencies to the 2001 NCLEX-RN test plan. *Nursing Outlook*, 51, 152–157.