

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., Schaulvliege, 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., Beccioli, 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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- 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., Fratino, 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., Cirrincione, 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.onc.org/publications/journals/ONF/Volume31/Issue1/pdf/42.pdf>

Lung Cancer

Prostate Cancer

Breast 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., Howlander, 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., & Sloand, E. (2005). The spectrum of polypharmacy. *Nurse Practitioner*, 30, 44–50.

Brodsky, 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.

Luggen, 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.

Narayanan, 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: Spe-

cialization 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. 