

## 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., 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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