

# Cultural Diversity Issues in Cancer Nursing

Compiled by Deborah A. Boyle, RN, MSN, AOCN®, FAAN

## Disparity

- Baker, K.S., Anderson, J.R., Lobe, T.E., Wharam, M.D., Qualman, S.J., Raney, R.B., et al. (2002). Children from ethnic minorities have benefited equally as other children from contemporary therapy for rhabdomyosarcoma: A report from the Intergroup Rhabdomyosarcoma Study Group. *Journal of Clinical Oncology*, 20, 4428–4433.
- Barnholtz-Sloan, J.S., Tainsky, M.A., Abrams, J., Severson, R.K., Qureshi, F., Jacques, A.M., et al. (2002). Ethnic differences in survival among women with ovarian carcinoma. *Cancer*, 94, 1886–1893.
- Bickell, N.A. (2002). Race, ethnicity, and disparities in breast cancer: Victories and challenges. *Women's Health Issues*, 12, 238–251.
- Bottorff, J.L., Balneaves, L.G., Sent, L., Grewal, S., & Browne, A.J. (2001). Cervical cancer screening in ethnocultural groups: Case studies in women-centered care. *Women and Health*, 33(3–4), 29–46.
- Browne, D., & Romilly-Harper, A.P. (2000). National action plan on breast cancer workshop on multicultural aspect of breast cancer etiology: Recommendations of the workshop. *Cancer*, 88(5, Suppl.), 1272–1276.
- Chu, K.C., Lamar, C.A., & Freeman, H.P. (2003). Racial disparities in breast carcinoma survival rates: Separating factors that affect diagnosis from factors that affect treatment. *Cancer*, 97, 2853–2860.
- Freeman, H.P. (2004). Poverty, culture, and societal injustice: Determinants of cancer disparities. *CA: A Cancer Journal for Clinicians*, 54, 72–77.
- Ganesan, K., Teklehaimanot, S., Akhtar, A., Wijegunaratne, J., Thadepalli, K., & Ganesan, N. (2003). Racial differences in preventive practices of African-American and Hispanic women. *Journal of the American Geriatrics Society*, 51, 515–518.
- Ghafoor, A., Jemal, A., Ward, E., Cokkinides, V., Smith, R., & Thun, M. (2003). Trends in breast cancer by race and ethnicity. *CA: A Cancer Journal for Clinicians*, 53, 342–355.
- Gill, K.S., & Yankaskas, B.C. (2004). Screening mammography performance and cancer detection among black women and white women in community practice. *Cancer*, 100, 139–148.
- Goodman, M.T., Howe, H.L., Tung, K.H., Hotes, J., Miller, B.A., Coughlin, S.S., et al. (2003). Incidence of ovarian cancer by race and ethnicity in the United States, 1992–1997. *Cancer*, 97, 2676–2685.
- Govindarajan, R., Shah, R.V., Erkman, L.G., & Hutchins, L.R. (2003). Racial differences in the outcome of patients with colorectal carcinoma. *Cancer*, 97, 493–498.
- Howe, H.L., Tung, K.H., Coughlin, S., Jean-Baptiste, R., & Hotes, J. (2003). Race/ethnic variations in ovarian cancer mortality in the United States, 1992–1997. *Cancer*, 97(10, Suppl.), 2686–2693.
- Innos, K., & Horn-Ross, P.L. (2003). Recent trends and racial/ethnic differences in the incidence and treatment of ductal carcinoma in situ of the breast in California women. *Cancer*, 97, 1099–1106.
- Jemal, A., Tiwani, R.C., Murray, T., Ghafoor, A., Samuels, A., Ward, E., et al. (2004). Cancer statistics, 2004. *CA: A Cancer Journal for Clinicians*, 54, 8–29.
- Kadan-Lottick, N.S., Ness, K.K., Bhatia, S., & Gurney, J.G. (2003). Survival variability by race and ethnicity in childhood acute lymphoblastic leukemia. *JAMA*, 290, 2008–2014.
- Kazerouni, N., Alversonn, C.J., Redd, S.C., Mott, J.A., & Mannino, D.M. (2004). Sex differences in COPD and lung cancer mortality trends—United States, 1968–1999. *Journal of Women's Health*, 13, 17–23.
- King, M.O., & Pettigrew, A.C. (2004). Complementary and alternative therapy in older adults: A pilot study. *Geriatric Nursing*, 25, 30–37.
- Larkin, B.G. (2004). The ins and outs of body piercing. *AORN Journal*, 79, 333–346.
- Lasch, K.E., Wilkes, G., Montuori, L.M., Chew, P., Leonard, C., & Hilton, S. (2000). Using focus group methods to develop multicultural cancer pain education materials. *Pain Management Nursing*, 1, 129–138.
- Lees, S., & Papadopoulos, I. (2000). Cancer and men from minority ethnic groups: An exploration of the literature. *European Journal of Cancer Care*, 9, 221–229.
- Li, C.I., Malone, K.E., & Daling, J.R. (2003). Differences in breast cancer stage, treatment, and survival by race and ethnicity. *Archives of Internal Medicine*, 163, 49–56.
- Margolis, M.L., Christie, J.D., Silvestri, G.A., Kaiser, L., Santiago, S., & Hansen-Flashen, J. (2003). Racial differences pertaining to a belief about lung cancer surgery. *Annals of Internal Medicine*, 139, 558–563.
- Mink, P.J., Sherman, M.E., & Devesa, S.S. (2002). Incidence patterns of invasive and borderline ovarian tumors among white women and black women in the United States: Results from the SEER program, 1978–1998. *Cancer*, 95, 2380–2389.
- Potosky, A.L., Harlan, L.C., Kaplan, R.S., Johnson, K.A., & Lynch, C.F. (2002). Age, sex, and racial differences in the use of standard adjuvant therapy for colorectal cancer. *Journal of Clinical Oncology*, 20, 1192–1202.
- Pui, C.H., Sandlund, J.Y., Pei, D., Rivera, G.K., Howard, S.C., Ribeiro, R.C., et al. (2003). Results of therapy for acute lymphoblastic leukemia in black and white children. *JAMA*, 290, 2001–2007.
- Reynolds, T. (2003). Report examines association between cancer and socioeconomic status. *Journal of the National Cancer Institute*, 95, 1431–1433.
- Schultz, P.N., Stava, C., Beck, M.L., & Vassilopoulos-Sellin, R. (2004). Ethnic/racial influences on the physiologic health of cancer survivors. *Cancer*, 100, 156–164.
- Shavers, V.L., Harlan, L.C., & Stevens, J.L. (2003). Racial/ethnic variation in clinical presentation, treatment, and survival among breast cancer patients under age 35. *Cancer*, 97, 134–147.
- Singh, J. (2003). Reading grade level and readability of printed cancer education materials [Research brief]. *Oncology Nursing Forum*, 30, 867–870.

Deborah A. Boyle, RN, MSN, AOCN®, FAAN, is a practice outcomes nurse specialist at Banner Good Samaritan Medical Center in Phoenix, AZ.

Digital Object Identifier: 10.1188/04.ONF.686-688

Stat bite: Cervical cancer mortality by ethnicity and socioeconomic area, 1995–1999. (2004). *Journal of the National Cancer Institute*, 96, 11.

Stat bite: Incidence of colon and rectum cancer by age and ethnicity, 1992–1999. (2003). *Journal of the National Cancer Institute*, 95, 349.

Stat bite: Incidence of lung and bronchus cancer by ethnicity, 1996–2000. (2003). *Journal of the National Cancer Institute*, 95, 1104.

Sturgeon, S.R., Graubard, B.I., Schairer, C., McAdams, M., Hoover, R.N., & Gail, M.H. (2003). Population-density and county-level variation in breast cancer mortality rates among white women residing in the northeastern and southern United States. *Cancer Causes and Control*, 14, 923–931.

Tchen, N., Bedard, P., Yi, Q., Klein, M., Cella, D., Eremenco, S., et al. (2003). Quality of life and understanding of disease status among cancer patients of different ethnic origin. *British Journal of Cancer*, 89, 641–647.

Ward, E., Jemal, A., Cokkinides, V., Singh, G.K., Cardinez, C., Ghafoor, A., et al. (2004). Cancer disparities by race/ethnicity and socioeconomic status. *CA: A Cancer Journal for Clinicians*, 54, 78–93.

Wilcox, S., Ainsworth, B.E., LaMonte, M.J., & DuBose, K.D. (2002). Worry regarding major diseases among older African-American, Native American and Caucasian women. *Women and Health*, 36, 83–99.

## Asian Issues

Fukui, S., Koike, M., Ooba, A., & Uchitomi, Y. (2003). The effect of a psychosocial group intervention on loneliness and social support for Japanese women with primary breast cancer. *Oncology Nursing Forum*, 30, 823–830.

Im, E.O., Lee, E.O., & Park, Y.S. (2002). Korean women's breast cancer experience. *Western Journal of Nursing Research*, 24, 751–765.

Jones, P.S., Zhang, X.E., & Meleis, A.I. (2003). Transforming vulnerability. *Western Journal of Nursing Research*, 25, 835–853.

Kim, H.S., Yeom, H.A., Seo, Y.S., Kim, N.C., & Yoo, Y.S. (2002). Stress and coping strategies of patients with cancer: A Korean study. *Cancer Nursing*, 25, 425–431.

Kim, Y.H., & Sarna, L. (2004). An intervention to increase mammography use by Korean American women. *Oncology Nursing Forum*, 31, 105–110.

Nakamura, K. (2001). Secondary prevention of breast cancer in female Japanese citizens residing in the USA. *Journal of Cultural Diversity*, 8(2), 41–44.

Prehn, A.W., Topol, B., Stewart, S., Glaser, S.L., O'Connor, L., & West, D.W. (2002). Differences in treatment patterns for localized breast carcinoma among Asian/Pacific Islander women. *Cancer*, 95, 2268–2275.

Ross, J.A., Xie, Y., Kiffmeyer, W.R., Bushhouse, S., & Robison, L.L. (2003). Cancer in the Minnesota Hmong population. *Cancer*, 97, 3076–3079.

Seow, A., Quah, S.R., Nyam, D., Straughan, P.T., Chua, T., & Aw, T. (2002). Food groups and the

risk of colorectal carcinoma in an Asian population. *Cancer*, 95, 2390–2396.

Simpson, P.B. (2003). Family beliefs about diet and traditional Chinese medicine for Hong Kong women with breast cancer. *Oncology Nursing Forum*, 30, 834–840.

Twinn, S., Shiu, A.T., & Holroyd, E. (2002). Women's knowledge about cervical cancer and cervical screening practice: A pilot study of Hong Kong Chinese women. *Cancer Nursing*, 25, 377–384.

Yu, M., Seetoo, A.D., & Qu, M. (2002). Challenges of identifying Asian women for breast cancer screening. *Oncology Nursing Forum*, 29, 585–587.

## African American Issues

Center for Research on Minority Health: Summit meeting evaluating research on breast cancer in African American women [Special supplement]. (2003). *Cancer*, 97(1, Suppl.).

Coleman, E.A., Coon, S., Mohrmann, C., Hardin, S., Stewart, B., Gibson, R.S., et al. (2003). Developing and testing lay literature about breast cancer screening for African American women. *Clinical Journal of Oncology Nursing*, 7, 66–71.

Duffy, M.E., Wood, R.Y., & Morris, S. (2001). The influence of demographics, functional status and co-morbidity on the breast self-examination proficiency of older African American women. *Journal of National Black Nurses' Association*, 12(1), 1–9.

Han, B., Wells, B.L., & Primas, M. (2003). Comparison of mammography use by older black and white women. *Journal of the American Geriatrics Society*, 51, 203–212.

Henderson, P.D., Gore, S.V., Davis, B.L., & Condon, E.H. (2003). African American women coping with breast cancer: A qualitative analysis. *Oncology Nursing Forum*, 30, 641–647.

Hershman, D., Weinberg, M., Rosner, Z., Alexis, K., Tiersten, A., Grann, V.R., et al. (2003). Ethnic neutropenia and treatment of delay in African American women undergoing chemotherapy for early-stage breast cancer. *Journal of the National Cancer Institute*, 95, 1545–1548.

Kauffman, K.S. (1994). The insider/outsider dilemma: Field experience of a white researcher "getting in" a poor black community. *Nursing Research*, 43, 179–183.

Meade, C.D., Calvo, A., Rivera, A.M., & Baer, R.D. (2003). Focus groups in the design of prostate cancer screening information for Hispanic farmworkers and African American men. *Oncology Nursing Forum*, 30, 967–976.

Prout, G.R., Jr., Wesley, M.N., McCarron, P.G., Chen, V.W., Greenberg, R.S., Mayberry, R.M., et al. (2004). Survival experience of black patients and white patients with bladder carcinoma. *Cancer*, 100, 621–630.

Reynolds, R. (2003). Study seeks to clarify genetic basis of prostate cancer in African Americans. *Journal of the National Cancer Institute*, 95, 1356–1357.

Tuamokumo, N.L., & Haffty, B.G. (2003). Clinical outcome and cosmesis in African-American

patients treated with conservative surgery and radiation therapy. *Cancer Journal*, 9, 313–320.

Wood, R.Y., Duffy, M.E., Morris, S.J., & Carnes, J.E. (2002). The effect of an educational intervention on promoting breast self-examination in older African American and Caucasian women. *Oncology Nursing Forum*, 29, 1081–1090.

## Native American Issues

Becker, T.M., Bettles, J., Lapidus, J., Campo, J., Johnson, C.J., Shipley, D., et al. (2002). Improving cancer incidence estimates for American Indians and Alaska Natives in the Pacific Northwest. *American Journal of Public Health*, 92, 1469–1471.

Boesch, M. (2002). Developing cancer clinical trial resources for Native Americans. *Cancer Practice*, 10, 263–264.

Burhansstipanov, L., Bemis, L.T., & Dignan, M.B. (2001). Native American cancer education: Genetic and cultural issues. *Journal of Cancer Education*, 16, 142–145.

Burhansstipanov, L., Gilbert, A., LaMarca, K., & Krebs, L.U. (2001). An innovative path to improving cancer care in Indian country. *Public Health Reports*, 116, 424–433.

Burhansstipanov, L., & Hollow, W. (2001). Native American cultural aspects of oncology nursing care. *Seminars in Oncology Nursing*, 17, 206–219.

Burhansstipanov, L., & Olsen, S.J. (2001). Cancer prevention and early detection in American Indian and Alaska Native populations. In M. Frank-Stromborg & S.J. Olsen (Eds.), *Cancer prevention in diverse populations: Cultural implications for the multidisciplinary team* (2nd ed., pp. 3–52). Pittsburgh, PA: Oncology Nursing Society.

Centers for Disease Control and Prevention. (2003). Cancer mortality among American Indians and Alaska Natives—United States, 1994–1998. *Morbidity and Mortality Weekly Report*, 52, 704–707.

Hampton, J.W., & Friedell, G.H. (2001). Cancer surveillance: A problem for Native Americans and Appalachian populations. *Cancer*, 91(1, Suppl.), 242–246.

Lanier, A.P., Holck, P., Day, G., & Key, C. (2003). Childhood cancer among Alaska Natives. *Pediatrics*, 112, e396.

Lantz, P.M., Orians, C.E., Liebow, E., Joe, J.R., Burhansstipanov, L., Erb, J., et al. (2003). Implementing women's cancer screening programs in American Indian and Alaska Native populations. *Health Care for Women International*, 24, 674–696.

Swan, J., & Edwards, B.K. (2003). Cancer rates among American Indians and Alaska Natives: Is there a national perspective? *Cancer*, 98, 1262–1272.

## Hispanic/Latino Issues

Huerta, E.E. (2003). Cancer statistics for Hispanics 2003: Good news, bad news and the need for a health system paradigm change. *CA: A Cancer Journal for Clinicians*, 53, 205–207.

- Lorig, K.R., Ritter, P.L., & Gonzalez, V.M. (2003). Hispanic chronic disease self-management: A randomized community-based outcome trial. *Nursing Research*, 52, 361–369.
- Meade, C.D., Calvo, A., Rivera, A.M., & Baer, R.D. (2003). Focus groups in the design of prostate cancer screening information for Hispanic farmworkers and African American men. *Oncology Nursing Forum*, 30, 967–976.
- O'Brien, K., Cokkinides, V., Jemal, A., Cardinez, C.J., Murray, T., Samuels, A., et al. (2003). Cancer statistics for Hispanics, 2003. *CA: A Cancer Journal for Clinicians*, 53, 208–226.
- Owens, B., & Dirksen, S.R. (2004). Review and critique of the literature of complementary and alternative therapy use among Hispanic/Latino women with breast cancer. *Clinical Journal of Oncology Nursing*, 8, 151–156.
- Reynolds, D. (2004). Cervical cancer in Hispanic/Latino women. *Clinical Journal of Oncology Nursing*, 8, 146–150.
- Stat bite: Incidence of cervical cancer in white and Hispanic women, 1992–1999. (2003). *Journal of the National Cancer Institute*, 95, 103.
- Tate, D.M. (2003). Cultural awareness: Bridging the gap between caregivers and Hispanic patients. *Journal of Continuing Education in Nursing*, 34, 213–217.
- ## Mental Health
- Aroian, K.J., & Norris, A.E. (2003). Depression trajectories in relatively recent immigrants. *Comprehensive Psychiatry*, 44, 420–427.
- Bhui, K., Mohamud, S., Warfa, N., Craig, T.J., & Stansfeld, S.A. (2003). Cultural adaptation of mental health measures: Improving the quality of clinical practice. *British Journal of Psychiatry*, 183, 184–186.
- Virnig, B., Huang, Z., Lurie, N., Musgrave, D., McBean, A.M., & Dowd, B. (2004). Does Medicare managed care provide equal treatment for mental illness across races? *Archives of General Psychiatry*, 61, 201–205.
- ## End-of-Life Issues
- Chan, A., & Woodruff, R.K. (1999). Comparison of palliative care needs of English- and non-English-speaking patients. *Journal of Palliative Care*, 15, 26–30.
- Clarfield, A.M., Gordon, M., Markwell, H., & Alibhai, S.M. (2003). Ethical issues in end-of-life geriatric care: The approach of three monotheistic religions—Judaism, Catholicism, and Islam. *Journal of the American Geriatrics Society*, 51, 1149–1154.
- Crawley, L., Payne, R., Bolden, J., Payne, T., Washington, P., & Williams, S. (2000). Palliative and end-of-life care in the African American community. *JAMA*, 284, 2518–2521.
- Crawley, L.M., Marshall, P.A., & Koenig, B.A. (2001). Respecting cultural differences at the end of life. In *Physician's guide to end-of-life care* (pp. 35–55). Philadelphia: American College of Physicians and American Society of Internal Medicine.
- Lewis, I.D., & McBride, M. (2004). Anticipatory grief and chronicity: Elders and families in racial/ethnic minority groups. *Geriatric Nursing*, 25, 44–47.
- Mizuno, E.O., Onishi, C., & Ouishi, F. (2002). Truth disclosure of cancer diagnoses and its influence on bereaved Japanese families. *Cancer Nursing*, 25, 396–403.
- Phipps, E., True, G., Harris, D., Chong, U., Tester, W., Chavin, S.I., et al. (2003). Approaching the end of life: Attitudes, preferences and behaviors of African-American and white patients and their family caregivers. *Journal of Clinical Oncology*, 21, 549–554.
- Rodgers, L.S. (2004). Meaning of bereavement among older African American widows. *Geriatric Nursing*, 25, 10–16.
- ## Research Issues
- Adams-Campbell, L.L., Ahaghotu, C., Gaskins, M., Dawkins, F.W., Smoot, D., Polk, O.D., et al. (2004). Enrollment of African Americans onto clinical treatment trials: Study design barriers. *Journal of Clinical Oncology*, 22, 730–734.
- Bennett, J.A., & Riegel, B. (2003). United States Spanish Short-Form-36 Health Survey: Scaling assumptions and reliability in elderly community-dwelling Mexican Americans. *Nursing Research*, 52, 262–269.
- Evans, B.C. (2004). Cultural and ethnic differences in content validation responses. *Western Journal of Nursing Research*, 26, 321–339.
- Fitzgerald, D.W., Marotte, C., Verdier, R.I., Johnson, W.D., Jr., & Pape, J.W. (2002). Comprehension during informed consent in a less-developed country. *Lancet*, 360, 1301–1302.
- Garwick, A.W., & Auger, S. (2003). Participatory action research: The Indian Family Stories Project. *Nursing Outlook*, 51, 261–266.
- Julion, W., Gross, D., & Barclay-McLaughlin, G. (2000). Recruiting families of color from the inner city: Insights from the recruiters. *Nursing Outlook*, 48, 230–237.
- Lee, E.H., Kim, J.S., & Song, M.S. (2002). Translation and validation of Champion's Health Belief Model Scale with Korean women. *Cancer Nursing*, 25, 391–395.
- Meiser, B., Eisenbruch, M., Barlow-Stewart, K., Tucker, K., Steel, Z., & Goldstein, D. (2001). Cultural aspects of cancer genetics: Setting a research agenda. *Journal of Medical Genetics*, 38, 425–429.
- Russell, K.M., Champion, V.L., & Perkins, S.M. (2003). Development of cultural belief scales for mammography screening. *Oncology Nursing Forum*, 30, 633–640.
- Ward, L.S. (2003). Race as a variable in cross-cultural research. *Nursing Outlook*, 51, 120–125.
- Willgerodt, M.A. (2003). Using focus groups to develop culturally relevant instruments. *Western Journal of Nursing Research*, 25, 798–814.
- Yu, D.S., Lee, D.T., & Woo, J. (2004). Issues and challenges of instrument translation. *Western Journal of Nursing Research*, 26, 307–320.
- ## Professional Issues
- Bessent, H., & Fleming, J.W. (2003). The Leadership Enhancement and Development (LEAD) Project for minority nurses (in the new millennium model). *Nursing Outlook*, 51, 255–260.
- Clark, P.A. (2003). Prejudice and the medical profession. *Health Progress*, 84(5), 12–23.
- Coleman, E.A., Lord, J., Heard, J., Coon, S., Cantrell, M., Mohrmann, C., et al. (2003). The Delta Project: Increasing breast cancer screening among rural minority and older women by targeting rural healthcare providers. *Oncology Nursing Forum*, 30, 669–677.
- Cooper, L.A., Roter, D.L., Johnson, R.L., Ford, D.E., Steinwachs, D.M., & Powe, N.R. (2003). Patient-centered communication, ratings of care and concordance of patient and physician race. *Annals of Internal Medicine*, 139, 907–915.
- Dreher, M., & MacNaughton, N. (2002). Cultural competence in nursing: Foundation or fallacy? *Nursing Outlook*, 50, 181–186.
- Frusti, D.K., Niesen, K.M., & Campion, J.K. (2003). Creating a culturally competent organization: Use of the Diversity Competency Model. *Journal of Nursing Administration*, 33, 31–38.
- Kirkham, S.R. (2003). The politics of belonging and intercultural health care. *Western Journal of Nursing Research*, 25, 762–780.
- Lasch, K.E., Wilkes, G., Montuori, L.M., Chew, P., Leonard, C., & Hilton, S. (2000). Using focus group methods to develop multicultural cancer pain education materials. *Pain Management Nursing*, 1, 129–138.
- Mulvihill, N., & Suarez, J. (1999). Marketing in a multifarious world. *Health Progress*, 80(1), 38–41.
- Schmieding, N.S. (2000). Minority nurses in leadership positions: A call for action. *Nursing Outlook*, 48, 120–127.
- Sellers, T.A., Trapp, M.A., Vierkant, R.A., Petersen, W., Kottke, T., Jensen, A., et al. (2002). Evaluation of a program to train nurses to screen for breast and cervical cancer among Native American women. *Journal of Cancer Education*, 17, 24–27.
- Staten, D.R., Mangalindan, M.A., Saylor, C.R., & Stuenkel, D.L. (2003). Staff nurse perceptions of the work environment: A comparison among ethnic backgrounds. *Journal of Nursing Care Quality*, 18, 202–208.
- Xakellis, G., Brangman, S.A., Hinton, W.L., Jones, V.Y., Masterman, D., Pan, C.X., et al. (2004). Curricular framework: Core competencies in multicultural geriatric care. *Journal of the American Geriatrics Society*, 52, 137–142.