Breast cancer survivors constitute the largest group in the cancer survivor community, and more than 2.4 million female breast cancer survivors are estimated to be living in the United States (American Cancer Society, 2007; Reis et al., 2007). Almost 83% of breast cancer survivors report some degree of cognitive dysfunction (Jenkins et al., 2006), and complaints related to attention are common (Cimprich, So, Ronis, & Trask, 2005). Although cognitive dysfunction after cancer has been identified as a national research priority (Oncology Nursing Society, 2007; Reuben, 2004), few studies have empirically explored the relationship between cognitive dysfunction and quality of life (QOL) in people with cancer (Ahles & Saykin, 2001; Hess & Insel, 2007; Reid-Arndt, 2006).

Cognitive dysfunction is assumed or hypothesized to negatively affect QOL in patients with cancer (Hess & Insel, 2007). The assumption or hypothesis may be based at least partially on findings from individuals with noncancer-related cognitive dysfunction (e.g., multiple sclerosis, mild cognitive impairment) who often experience diminished QOL (Cutajar et al., 2000; Janardhan & Bakshi, 2000). The extent to which subtle changes in cognitive dysfunction after cancer and its treatment are associated with impaired QOL has not been well tested (Ahles & Saykin, 2001; Hess & Insel; Reid-Arndt, 2006).

This article reports the results of a secondary analysis focused on empirically examining the relationship between self-reported cognitive dysfunction and QOL in breast cancer survivors. Self-reported cognitive dysfunction was measured in terms of the capacity to direct attention (CDA) because that ability is vital to other cognitive abilities, such as acquiring important information, planning activities, making decisions, completing tasks, and accomplishing goals (Cimprich et al., 2005; Lezak, Howieson, & Loring, 2004). Findings from this study may be particularly useful to nurses in understanding the consequences of CDA in breast cancer survivors and, ultimately, in providing appropriate supportive care. Furthermore, empirically testing the relationship is important for specifying QOL outcomes that should be considered in future descriptive or intervention research studies (Ahles & Saykin, 2001).