The oncology population is particularly affected by hospital readmissions because hospitalized patients with cancer often have complex needs. The complexity and diversity of care requirements create substantial challenges in planning for appropriate postdischarge support. Implementing postdischarge telephone calls in the population of patients with cancer could offer a low-cost intervention to address the complex needs of patients during the transition from hospital to home. The goal of the current literature review is to provide an understanding about postdischarge telephone calls in patients with cancer. Findings from this review support the notion that discharge phone calls could improve care continuity for patients transitioning from hospital to home. The literature review outlines information related to telephone call content, timing, and structure for healthcare systems that want to use a postdischarge telephone intervention for patients with cancer. However, additional research is needed to develop and test cancer-specific protocols.