Complementary and alternative medicine (CAM) is popular among patients with cancer and often is used in conjunction with conventional medicine, mostly without the knowledge or guidance of healthcare professionals. The popularity of CAM has brought into sharp focus clinical issues such as the lack of disclosure and concern about interactions among dietary supplements, prescribed medications, and diseases. Those clinical issues underscore the need for a coordinated approach to integrate CAM therapies safely into conventional medicine. This article describes how an integrative CAM program in an outpatient oncology center addresses some of the clinical issues. The CAM program uses a nurse specialist to interface between CAM and conventional medicine. An interesting aspect of the CAM program is the provision of patient consultation and the creation of an individualized complementary therapies plan.