

Prioritizing Mental Wellbeing Along the Cancer Care Continuum

Cancer clearly impacts physical health, but it also affects mental health. Approximately 1 in 3 people treated for cancer in hospitals have a common mental health challenge, such as depression or anxiety. Up to 25% of cancer patients have depression, and two-thirds of those with depressive symptoms also experience anxiety.

Prioritizing mental wellbeing throughout a cancer journey improves prognosis. Here are some ideas for adding social and emotional support at each stage of the cancer care continuum.



PREVENTION



Disparity

People with serious mental illness often receive fewer preventive services and have less access to high-quality medical care, leading to fewer opportunities for preventive cancer screenings.⁵ People with mental health challenges are also more likely to engage in lifestyle behaviors such as smoking, poor diet, physical inactivity, inadequate sleep and increased alcohol use, all of which are strongly associated with increased cancer risk.^{6,7}



Recommendation

Create outreach programs to increase awareness about the importance of regular cancer screenings and improve screening and early detection for those with mental health challenges. Advocate for systemic environmental and policy changes that support cancer prevention, such as smoke-free policies and improved access to healthy foods and physical activity in residential, inpatient and outpatient mental health treatment facilities.^{8,9}



SCREENING/ASSESSMENT



Disparity

Cancer screening is a key strategy for prevention, but people with mental health and substance use challenges seek screening less often than the general population.¹⁰



Recommendation

Implement an integrated care model that combines mental health, substance use and primary care services to improve coordination and ensure cancer prevention and screenings are not overlooked among people with mental health and substance use challenges. This approach also creates opportunities for education on recommended screening guidelines and potential risk factors for different types of cancers.





ACCESS TO CARE



Disparity

Many people with mental health and substance use challenges face socioeconomic difficulties that further complicate access to cancer care, including limited transportation options, inadequate health insurance coverage, higher out-of-pocket costs, underemployment or unemployment, and income loss.12,13



Recommendation

It is essential to address and reduce barriers to accessing care, particularly financial barriers. Advocate for insurance coverage of mental health and substance use services as a part of cancer care, develop partnerships with community organizations to provide additional supportive services and resources, and implement patient navigation services.13-15



RECEIVING CARE



Disparity

Untreated or poorly managed psychiatric symptoms adversely impact patients' engagement with cancer care and treatment, often because the separation of cancer care and mental health treatment systems and settings creates obstacles to receiving care.16-18



Recommendation

Address fragmentation in care for patients experiencing cancer diagnoses and treatment alongside mental health and/or substance use challenges by prioritizing integrated and collaborative care teams, co-located services and care coordination.14,15



RECOVERY, SURVIVORSHIP AND THRIVERSHIP



Though estimates vary, cancer survivors undeniably experience higher rates of anxiety and depression compared to the general population, and depressive symptoms can persist for more than five years post-diagnosis.^{19,} ²⁰ Rates of moderate and severe mental distress are significantly higher among cancer survivors ages 15-39 compared to people without cancer.20,21



Recommendation

Prioritize integrated care teams and implement regular screenings for psychological distress throughout the cancer care continuum, long after treatment. Tailor evidence-based interventions to individual needs, address barriers to care, promote peer support and focus on long-term survivorship.19, 20, 22-27

References



- Nakash, O., Levav, I., Aguilar-Gaxiola, S., Alonso, J., Andrade, L. H., Angermeyer, M. C., Bruffaerts, R., Caldas-de-Almeida, J. M., Florescu, S., de Girolamo, G., Gureje, O., He, Y., Hu, C., de Jonge, P., Karam, E. G., Kovess-Masfety, V., Medina-Mora, M. E., Moskalewicz, J., Murphy, S., ... Scott, K. M. (2014, January). Comorbidity of common mental disorders with cancer and their treatment gap: Findings from the World Mental Health Surveys. Psycho-Oncology, 23(1), 40-51. https://doi.org/10.1002/pon.3372
- 2. Pitman, A., Suleman, S., Hyde, N., & Hodgkiss, A. (2018, April 25). Depression and anxiety in patients with cancer. *BMJ*, 361(8150), Article k1415. https://doi.org/10.1136/bmj.k1415
- 3. Brintzenhofe-Szoc, K. M., Levin, T. T., Li, Y., Kissane, D. W., & Zabora, J. R. (2009, July-August). Mixed anxiety/depression symptoms in a large cancer cohort: Prevalence by cancer type. *Psychosomatics*, 50(4), 383-391. https://doi.org/10.1176/appi.psy.50.4.383
- 4. Miller, K. D., Nogueira, L., Mariotto, A. B., Rowland, J. H., Yabroff, K. R., Alfano, C. M., Jemal, A., Kramer, J. L., & Siegel, R. L. (2019, September-October). Cancer treatment and survivorship statistics, 2019. CA: A Cancer Journal for Clinicians, 69(5), 363-385. https://doi.org/10.3322/caac.21565
- 5. Muirhead, L. (2014, March). Cancer risk factors among adults with serious mental illness. *American Journal of Preventive Medicine*, 46(3), \$98-\$103. https://doi.org/10.1016/j.amepre.2013.10.028
- 6. Massetti, G. M., Thomas, C. C., King, J., Ragan, K., & Lunsford, N. B. (2017, September). Mental health problems and cancer risk factors among young adults. *American Journal of Preventive Medicine*, 53(3), S30–S39. https://doi.org/10.1016/j.amepre.2017.04.023
- 7. Shang, X., Hodge, A. M., Peng, W., He, M., & Zhang, L. (2020). Are leading risk factors for cancer and mental disorders multimorbidity shared by these two individual conditions in community-dwelling middle-aged adults? *Cancers*, 12(6), Article 1700. https://doi.org/10.3390/cancers12061700
- 8. Grassi, L., McFarland, D., & Riba, M. (2023, January 5). The risk and the course of cancer among people with severe mental illness. *Clinical Practice and Epidemiology in Mental Health*, 19(1), Article e174501792301032. https://doi.org/10.2174/17450179-v17-e211208-2021-HT2-1910-8
- 9. Irwin, K. E., Henderson, D. C., Knight, H. P., & Pirl, W. F. (2014, February 1). Cancer care for individuals with schizophrenia. *Cancer*, 120(3), 323-334. https://doi.org/10.1002/cncr.28431
- 10. Xiong, G. L., Bermudes, R. A., Torres, S. N., & Hales, R. E. (2008, August). Use of cancer-screening services among persons with serious mental illness in Sacramento County. *Psychiatric Services*, 59(8), 929–932. https://doi.org/10.1176/ps.2008.59.8.929
- 11. Weinstein, L. C., Stefancic, A., Cunningham, A. T., Hurley, K. E., Cabassa, L. J., & Wender, R. C. (2016, March-April). Cancer screening, prevention, and treatment in people with mental illness. *CA: A Cancer Journal for Clinicians*, 66(2), 134-151. https://doi.org/10.3322/caac.21334
- 12. Baptiste-Roberts, K., & Hossain, M. (2018, April). Socioeconomic disparities and self-reported substance abuse-related problems. *Addiction & Health*, 10(2), 112-122. https://ahj.kmu.ac.ir/article_84748.html
- 13. National Cancer Policy Board. (1999). Ensuring access to cancer care. In M. Hewitt & J. V. Simone (Eds.), *Ensuring quality cancer care* (pp. 46-78). National Academy Press. https://www.ncbi.nlm.nih.gov/books/NBK230929/
- 14. Association of Cancer Care Centers. (2024, February 5). Talk about it: Cancer and mental health. *ACCCBuzz Blog*. https://www.accc-cancer.org/acccbuzz/blog-post-template/accc-buzz/2024/02/05/talk-about-it-cancer-and-mental-health
- 15. Muckle Egizi, A., Blasco, G., Gray, A., & Collins, H. (2022, July 14). A human-centered vision for improving the mental health care ecosystem. *Deloitte Insights*. https://www2.deloitte.com/us/en/insights/industry/public-sector/mental-health-equity-and-creating-an-accessible-system.html

References



- 16. Grassi, L., & Riba, M. B. (2021, December). Disparities and inequalities in cancer care and outcomes in patients with severe mental illness: Call to action. *Psycho-Oncology*, 30(12), 1997-2001. https://doi.org/10.1002/pon.5853
- 17. Leahy, D., Donnelly, A., Irwin, K., & D'Alton, P. (2021, December). Barriers and facilitators to accessing cancer care for people with significant mental health difficulties: A qualitative review and narrative synthesis. *Psycho-Oncology*, 30(12), 2012-2022. https://doi.org/10.1002/pon.5848
- 18. Piana, R. (2019, October 10). *Inequities in care for patients with cancer and serious mental illness: A conversation with Kelley E. Irwin, MD, MPH* [Interview]. https://ascopost.com/issues/october-10-2019/inequities-in-care-for-patients-with-cancer-and-serious-mental-illness/
- 19. Andrykowski, M. A., Lykins, E., & Floyd, A. (2008, August). Psychological health in cancer survivors. *Seminars in Oncology Nursing*, 24(3), 193-201. https://doi.org/10.1016/j.soncn.2008.05.007
- 20. Niedzwiedz, C. L., Knifton, L., Robb, K. A., Katikireddi, S. V., & Smith, D. J. (2019). Depression and anxiety among people living with and beyond cancer: A growing clinical and research priority. *BMC Cancer*, 19(1), Article 943. https://doi.org/10.1186/s12885-019-6181-4
- 21. Kaul, S., Avila, J. C., Mutambudzi, M., Russell, H., Kirchhoff, A. C., & Schwartz, C. L. (2017, March 1). Mental distress and health care use among survivors of adolescent and young adult cancer: A cross-sectional analysis of the National Health Interview Survey. *Cancer*, 123(5), 869-878. https://doi.org/10.1002/cncr.30417
- 22. Ben-Ari, E. (2022, June 7). Meeting psychosocial health needs of cancer survivors: A conversation with Dr. Patricia Ganz [Interview]. National Cancer Institute, National Institutes of Health. https://www.cancer.gov/news-events/cancer-currents-blog/2022/psychosocial-cancer-survivors-patricia-ganz
- 23. Buchanan Lunsford, N. (2018, May 17). What cancer survivors should know about their mental health. *The Topic Is Cancer*. Division of Cancer Prevention and Control, Centers for Disease Control and Prevention. https://blogs.cdc.gov/cancer/2018/05/17/cancer-survivors-mental-health/
- 24. Cancer Research UK. (2022, October 31). *Mental health during and after cancer treatment*. https://www.cancerresearchuk.org/about-cancer/coping/mental-health-cancer/during-and-after-cancer-treatment
- 25. Fardell, J. E., Irwin, C. M., Vardy, J. L., & Bell, M. L. (2023). Anxiety, depression, and concentration in cancer survivors: National Health and Nutrition Examination Survey results. *Supportive Care in Cancer*, 31(5), Article 272. https://doi.org/10.1007/s00520-023-07710-w
- 26. National Cancer Institute Staff. (2020, April 30). Helping cancer survivors cope with cancer-related anxiety and distress. NIH National Cancer Institute Cancer Currents Blog. https://www.cancer.gov/news-events/cancer-currents-blog/2020/cancer-survivors-managing-anxiety-distress
- 27. Tanner, S., Engstrom, T., Lee, W. R., Forbes, C., Walker, R., Bradford, N., & Pole, J. D. (2023, September). Mental health patient-reported outcomes among adolescents and young adult cancer survivors: A systematic review. *Cancer Medicine*, 12(17), 18381-18393. https://doi.org/10.1002/cam4.6444