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# Unveiling Psychological Perspectives on Aging Minds and Cancer: A Review

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**ABSTRACT:** In geriatric oncology, the intersection of aging complexities and cancer care intricacies shapes the journey of elderly individuals facing cancer. This review explores emotional, cognitive, and social dynamics influencing their experiences and care. Following a cancer diagnosis, older adults navigate a spectrum of emotions—from shock to resilience—crucial in shaping coping strategies and treatment decisions. The toll of cancer treatments, compounded by age-related vulnerabilities, underscores the need for tailored care plans that account for social and familial dynamics.

Cognitive functions undergo shifts influenced by aging and treatments, emphasizing the importance of understanding these changes in decision-making processes. Caregiver-patient relationships emerge as pivotal, impacting cognitive well-being and necessitating interventions supporting both parties.

Psychological interventions, from counselling to mindfulness practices, offer avenues for comprehensive care. Integrating these interventions into multidisciplinary care fosters resilience and enriches survivorship experiences among elderly cancer patients.

This review advocates a personalized approach in geriatric oncology, emphasizing tailored interventions and comprehensive care strategies that honour individual experiences. Future research directions focus on exploring emotional resilience, cognitive adaptability, and intervention outcomes to enhance care for elderly individuals navigating cancer's challenges.

In conclusion, geriatric oncology demands personalized, multidisciplinary care strategies that integrate psychological support and acknowledge the complexities of aging. This integration marks a transformative shift towards holistic care, paving the way for tailored and effective interventions supporting elderly patients throughout their cancer journey.

KEY WORD: Cognitive functions, Comprehensive care, Emotional resilience, Geriatric oncology, Psychological interventions.

#### INTRODUCTION

In the realm of geriatric oncology, where the complexities of aging intersect with the intricate terrain of cancer care, lies a domain where the vulnerabilities of physiology intertwine profoundly with the nuanced tapestry of psychological intricacies[1]. This specialized field serves as a pivotal meeting ground, harmonizing the inherent complexities of the aging process—entwined within emotional, cognitive, and social dimensions—with the multifaceted challenges posed by cancer diagnosis, treatment, and survivorship in older individuals[2].

The aging mind, a culmination of life's experiences, emotional resilience, and cognitive adaptability, confronts a cancer diagnosis through the prism of individual histories interlaced with unique coping mechanisms. Responses to this diagnosis encompass a spectrum—from initial shock and disbelief to a period of emotional turbulence, resilience, and eventual acceptance—encapsulating the distinct narrative woven by each older adult in response to their diagnosis[3].

Cognitive adaptability, honed through a lifetime of learning, problem-solving, and decision-making, emerges as a pivotal asset in navigating the intricate labyrinth of cancer treatment decisions[4]. Older individuals rely on their cultivated cognitive reserves to decipher treatment options, understand complex prognostic discussions, and diligently adhere to multifaceted therapeutic regimens. This honed cognitive agility, refined through years of experience, plays an instrumental role in manoeuvring through the uncertainties and intricacies intrinsic to cancer care for the elderly[5].

Moreover, the profound impact of social networks and support structures within this paradigm cannot be overstated. These networks—composed of familial ties, friendships, and community bonds—stand as indispensable pillars, offering emotional sustenance, companionship, and a profound sense of belonging throughout the tumultuous journey of cancer diagnosis, treatment, and survivorship[6].

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This narrative review embarks upon a comprehensive exploration, aiming to dissect the intricate interplay between emotional responses, cognitive adaptability, social dynamics, and coping strategies within the unique context of geriatric oncology. By synthesizing existing research, the review endeavours to cast a focused light on these often-underestimated psychological underpinnings, elucidating their significant influence on treatment adherence, quality of life, and overall survivorship outcomes in older individuals navigating the complexities of cancer care.

Understanding the nuanced interplay between these psychological dimensions not only enhances our approach to care but also underscores the imperative of personalized interventions that honour the individual narratives shaping the journey of each elderly patient grappling with cancer. Recognizing and accentuating these psychological intricacies is pivotal. Advocating for an integrated approach that seamlessly weaves psychological insights into the fabric of geriatric oncology aims to pave the way for tailored and comprehensive care strategies. These strategies, imperative to address and respect the multifaceted psychological needs intrinsic to the aging population's passage through the intricate landscape of cancer, stand as a beacon for holistic and patient-centric care.

#### Psychological Impact, Coping Strategies, and Decision-Making

Receiving a cancer diagnosis is a seismic event in anyone's life, yet for elderly individuals, it's particularly profound. The news often disrupts their reality in a way that few other experiences can. Shock and disbelief become immediate companions, shaking the very foundation of what they've known, plunging them into an emotional whirlwind that ranges from profound fear and uncertainty to an overwhelming anxiety[7]. This initial phase, marked by emotional turbulence, feels like navigating uncharted waters. However, amid this tempest, a gradual emergence of resilience begins to take root. This resilience acts as a beacon, guiding them towards adopting coping mechanisms that are crucial for emotional processing and navigating the altered reality post-diagnosis. Whether drawing strength from the invaluable support of their social networks, relying on their innate personal resilience, or employing adaptive strategies cultivated over a lifetime, these coping mechanisms evolve into the bedrock of emotional well-being throughout the daunting and multifaceted journey of battling cancer[8].

Within this tapestry of emotional responses, the pivotal role of coping strategies in shaping the quality of life and influencing critical decisions during treatment becomes increasingly apparent. These coping mechanisms serve as invaluable shields, providing solace amidst the profound psychological distress that often accompanies the cancer experience[9]. Individual's adept at employing effective coping strategies often demonstrate heightened emotional adjustment, fortified resilience, and an overall enriched quality of life. This heightened capacity to navigate the complexities of the journey with grace and strength fosters empowerment, not just during active treatment but also as they transition into the intricate phases of survivorship[10].

Moreover, the dynamic interplay between coping strategies and treatment decision-making marks a pivotal turning point in the cancer journey for elderly individuals. Equipped with resilient coping mechanisms, patients actively engage in collaborative dialogues with their healthcare providers[11]. Their ability to comprehend the intricacies of complex treatment options, navigate uncertainties in prognosis discussions, and align their preferences with deeply held values significantly shapes the trajectory of their care. This active participation not only empowers patients but also ensures that their distinct needs and preferences remain central to the treatment plan, instilling a profound sense of control and confidence in the decision-making process[12].

Understanding these intricate dynamics between emotional responses, coping strategies, and their profound influence on the quality of life and treatment decision-making underscores the critical need for a holistic and personalized approach within geriatric oncology[13]. Integrating psychological insights into care strategies and acknowledging the nuanced needs of elderly patients enable tailored interventions that honour individual experiences. This comprehensive approach nurtures emotional resilience, reinforces adaptive coping mechanisms, and champions patient-centric decision-making. Ultimately, it aims to optimize the overall well-being and care outcomes for elderly individuals navigating the intricate and challenging landscape of cancer diagnosis, treatment, and survivorship[14,15].

In addition to the emotional impact, the physical toll of cancer and its treatment cannot be overlooked in the context of elderly patients. The convergence of physical health and emotional well-being becomes significantly complex[16]. Elderly individuals often grapple with unique challenges arising from age-related vulnerabilities, concurrent health conditions, and potential complications stemming from aggressive treatments[17]. This convergence underscores the necessity of a comprehensive support system that addresses not only the psychological aspects but also ensures tailored care plans accommodating the specific needs and limitations of older patients[18].

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Furthermore, the social and familial dynamics surrounding elderly individuals with cancer play a pivotal role in their coping mechanisms and overall well-being[19]. The support and understanding offered by family members, friends, and caregivers form an indispensable pillar in their journey[20]. Recognizing and addressing the impact of these support systems becomes imperative, ensuring they are equipped with resources and guidance to effectively assist elderly individuals.

Moreover, as individuals traverse through various stages of treatment and survivorship, the long-term implications of their cancer journey become increasingly apparent. Issues such as post-treatment side effects, emotional adjustment to life after cancer, and the persistent fear of recurrence often linger, necessitating ongoing support and interventions tailored to the evolving needs of elderly survivors[6,19].

In summary, the journey of elderly individuals following a cancer diagnosis is an intricate and multifaceted tapestry woven with diverse emotional responses, nuanced coping strategies, pivotal treatment decisions, and the interplay of physical, emotional, social, and long-term implications. Recognizing and addressing these intricacies underscores the imperative for a comprehensive, multidisciplinary approach within geriatric oncology. This approach should encompass not only medical treatments but also psychological support, social interventions, and survivorship care plans that honour the unique experiences and needs of older patients, ultimately striving to optimize their overall well-being and care outcomes.

#### Cognitive Function, Psychological Factors, and Caregiver Dynamics

Aging is a continuous process that intricately shapes cognitive functions. As individuals mature, their decision-making abilities evolve, influenced by accumulated experiences and adaptive cognitive changes. When juxtaposed with cancer treatments, particularly interventions like chemotherapy, radiation, and medications, a discernible impact on cognitive functions emerges. These treatments often introduce impairments that affect various cognitive domains such as memory, attention, and executive functions[21]. Investigating these alterations across diverse age groups among cancer patients is pivotal, offering crucial insights into how these cognitive changes sway decision-making processes regarding treatment options and day-to-day activities[22].

Furthermore, the psychological realm plays a profound role in shaping the cognitive landscape of cancer patients. Stress, anxiety, and depression can significantly exacerbate existing cognitive impairments, intensifying the challenges faced during cancer treatment[18]. Conversely, effective and empathetic support from caregivers acts as a crucial buffer against these psychological influences, profoundly impacting the overall well-being of the patient. Exploring the impact of positive psychology, resilience, and coping mechanisms on cognitive function among cancer patients presents promising avenues for tailored interventions[14]. This exploration doesn't merely focus on the patients themselves but delves deeper into the intricate dynamics between caregivers and patients within the realm of these psychological factors, aiming for comprehensive and holistic care and support[8].

To thoroughly comprehend these multifaceted interactions, employing a combination of research methodologies is essential. Quantitative studies analysing cognitive assessments, treatment data, and psychological evaluations provide statistical insights into correlations. Simultaneously, qualitative methodologies like interviews or focus groups offer nuanced and subjective experiences and perceptions from patients, caregivers, and healthcare professionals[23]. This comprehensive approach aids in designing interventions specifically tailored to enhance decision-making processes and support systems. These interventions might encompass a range of strategies, including the development of cognitive training programs, personalized counselling services for both patients and caregivers, and educational initiatives that focus on empowering individuals with effective coping mechanisms[24,25].

Within the expansive field of geriatric oncology, the ecosystem of support surrounding cancer patients assumes profound significance. This network, comprising caregivers, family, friends, and healthcare professionals, plays a critical role in mitigating the multifaceted challenges faced by elderly individuals navigating cancer treatments[26]. Within this context, support systems become instrumental in alleviating the impact of cognitive shifts and psychological stressors prevalent among this demographic. This collective network not only extends emotional and practical aid but significantly influences the cognitive well-being of elderly patients undergoing cancer treatments[27].

Of particular importance within geriatric oncology is the pivotal role played by caregivers within this support framework. Their contribution extends beyond mere assistance; they emerge as fundamental sources of guidance in decision-making, companionship, and indispensable help with daily activities. Understanding the dynamics inherent in these caregiver-patient relationships unveils the intricate workings of these support systems. This comprehension offers avenues to tailor and optimize these systems to address the unique challenges faced by elderly patients and their caregivers[28].

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Furthermore, delving into the impact of robust support networks on the psychological resilience of elderly patients and caregivers becomes paramount. These networks serve as robust shields against the psychological burdens often associated with cancer diagnosis and treatment in older individuals[29]. By mitigating stress and reducing anxiety levels, these support systems indirectly contribute to enhancing cognitive functions among elderly patients. Unravelling the mechanisms through which these support networks positively influence cognitive function and psychological well-being becomes instrumental in fortifying these systems effectively within the geriatric oncology domain[30].

Enhancing support systems in geriatric oncology demands a comprehensive approach. Recognizing their existing strengths while addressing potential gaps becomes imperative. Implementing tailored educational programs for caregivers assumes significance, equipping them with the tools to comprehend and adeptly manage the cognitive and emotional changes accompanying cancer treatment in the elderly[31]. Additionally, initiatives that foster interaction among patients, caregivers, and healthcare professionals, such as support groups and community-driven endeavours, provide invaluable platforms for shared experiences and mutual learning[32].

A nuanced understanding of the dynamics and efficacy of support systems within geriatric oncology paves the way for tailored interventions. Ultimately, a robust and well-structured support system crafted specifically for elderly cancer patients and their caregivers significantly contributes to enhancing cognitive function, psychological well-being, and the overall quality of life within this specific demographic[32,33]. This holistic approach aims not only to address the challenges but also to foster resilience and improve the overall experience for the elderly navigating cancer treatments and their dedicated caregivers.

### **Psychological Interventions for Comprehensive Care**

The integration of psychological interventions within geriatric oncology signifies a pivotal shift towards holistic care, recognizing and addressing the multifaceted needs of elderly individuals navigating the challenging landscape of cancer. This comprehensive approach encompasses a diverse array of specialized strategies meticulously designed to cater not only to the physical but also the emotional, psychological, and social dimensions of elderly patients embarking on the intricate journey of cancer diagnosis, treatment, and survivorship[34].

At its core, these interventions are deeply rooted in acknowledging and addressing the profound emotional upheaval that often accompanies a cancer diagnosis among the elderly[35]. Tailored counselling sessions serve as a fundamental cornerstone, providing a personalized and supportive environment for patients to explore their emotions, fears, and coping mechanisms. This individualized approach enables tailored support, assisting patients in navigating the emotional complexities intrinsic to their diagnosis and treatment[36].

Moreover, mindfulness-based interventions stand as powerful tools in assisting elderly patients in managing stress and anxiety. Techniques focusing on mindfulness meditation, breathing exercises, and relaxation techniques become invaluable in empowering patients to cultivate present-moment awareness and alleviate psychological distress, thereby enhancing their overall well-being[37,38].

Group-based therapies and support groups serve as vital components of psychological interventions. These settings offer a platform for elderly patients to connect with peers facing similar challenges, fostering a sense of community, understanding, and camaraderie[39]. Within these groups, experiences are exchanged, mutual support is extended, and shared learning occurs, allowing individuals to develop coping skills collectively, thereby improving emotional resilience[40].

Furthermore, cognitive-behavioural techniques constitute a fundamental aspect of psychological interventions[41]. This approach targets negative thought patterns and behaviours, equipping patients with practical strategies to reframe thoughts and manage emotional responses effectively[42]. By identifying and modifying maladaptive thoughts, elderly patients can enhance their coping mechanisms and bolster their emotional well-being significantly[43,44].

In addition to these established interventions, emerging practices such as expressive arts therapy showcase promising avenues for holistic care in geriatric oncology[45]. Incorporating mediums like art, music, or dance, expressive arts therapy offers alternative channels for patients to express themselves, process emotions, and find solace amidst the challenges of cancer. These creative outlets serve as powerful tools for emotional exploration and healing[46,47].

The seamless integration of these interventions within the broader framework of multidisciplinary care in geriatric oncology is critical. Collaboration among an array of healthcare professionals—from oncologists and psychologists to social workers—forms

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the cornerstone in tailoring interventions to the nuanced needs of each patient[31]. This collective collaboration ensures a bespoke and individualized approach to care, resonating deeply with the unique journey of every elderly cancer patient[33].

In essence, the integration of individual counselling, mindfulness-based practices, group therapies, cognitive-behavioural techniques, and emerging modalities like expressive arts therapy embodies a comprehensive tapestry of interventions. These methodologies, interwoven into the fabric of geriatric oncology care, cater to the diverse emotional needs of elderly cancer patients, fostering resilience, empowerment, and hope throughout their cancer care journey[48,49].

The amalgamation of these interventions serves not only to alleviate immediate emotional distress but also equips elderly patients with lifelong coping mechanisms, enriching their overall quality of life and survivorship experience. By embracing a holistic perspective and honouring the distinctive experiences and challenges faced by elderly cancer patients, these interventions act as catalysts, nurturing empowerment, resilience, and hope across the expansive terrain of the cancer care journey. They stand as guiding beacons, illuminating the path towards a more profound, supportive, and all-encompassing form of care for elderly individuals bravely confronting the challenges posed by cancer.

#### DISCUSSION

The narrative review undertaken in this study delves deeply into the intricate dynamics of geriatric oncology, exploring the interwoven complexities of emotional responses, cognitive adaptability, social dynamics, and coping strategies among elderly individuals navigating cancer care.

Emotional responses following a cancer diagnosis among older adults were observed to encompass a diverse spectrum, ranging from initial shock and disbelief to the gradual emergence of resilience. This progression underscores the pivotal role of coping mechanisms, drawn from social networks, personal resilience, and adaptive strategies cultivated over time[50]. These coping mechanisms were found to significantly influence the quality of life throughout the cancer journey[51].

Moreover, the link between coping strategies and treatment decision-making emerged as a key determinant in care trajectories. Elderly patients, equipped with resilient coping mechanisms, actively engaged in treatment discussions, aligning preferences with deeply held values[52]. This active participation not only empowered patients but also ensured a patient-centric approach to care[53]. The physical toll of cancer treatments on elderly patients, compounded by age-related vulnerabilities, highlighted the necessity for tailored care plans. Attention to social and familial dynamics was crucial, given their pivotal role in coping mechanisms and overall well-being throughout treatment and survivorship phases[54].

The review also addressed the cognitive landscape affected by aging and cancer treatments, shedding light on alterations in decision-making abilities[55]. Psychological factors, particularly stress and caregiver support, were found to significantly influence cognitive well-being. Understanding these dynamics provided insights into tailored interventions and support systems[56].

Caregiver-patient relationships within support systems emerged as crucial components in mitigating challenges faced by elderly patients[57,58]. By recognizing and optimizing these relationships, tailored interventions and educational initiatives could be implemented to enhance the well-being of both patients and caregivers[59].

Psychological interventions, spanning individual counselling to mindfulness-based techniques and group therapies, stood as integral components within comprehensive care strategies[60]. Integrating these interventions into multidisciplinary care was observed to foster resilience, empower patients, and enrich survivorship experiences among elderly individuals navigating cancer[61,62].

In essence, this review advocates for a paradigm shift towards personalized interventions that honour individual experiences and psychological needs within geriatric oncology. The comprehensive understanding of emotional, cognitive, and social dimensions presented here lays the groundwork for advancing tailored and holistic care strategies for elderly cancer patients.

#### **CONCLUSION**

Geriatric oncology embodies a complex interplay of emotions, cognition, social dynamics, and caregiving within the realm of elderly individuals confronting cancer. The initial impact of a cancer diagnosis initiates a whirlwind of emotions, gradually replaced by resilience crucial for coping throughout the journey. Key findings highlight the necessity of a comprehensive, multidisciplinary care approach that integrates psychological support, personalized treatments, and continuous survivorship care. Future research directions involve exploring the intricate dynamics of emotional resilience, cognitive adaptability, and the impact of diverse interventions on elderly cancer patients, aiming to enhance quality of life and survivorship outcomes. This paves the way for tailored,

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effective interventions and comprehensive care strategies for elderly individuals navigating the challenging terrain of cancer diagnosis, treatment, and survivorship.

Cognitive functions undergo notable shifts influenced by age-related factors and the ramifications of cancer treatments. These changes demand acute understanding for informed decision-making. Strengthening the support ecosystem surrounding elderly cancer patients, especially the pivotal role of caregivers, plays a crucial part in alleviating challenges and nurturing cognitive well-being. Future research aims to delve deeper into the long-term effects of interventions, unravelling their role in enhancing quality of life and survivorship outcomes for elderly cancer patients. Understanding these complexities will enable the development of more tailored and effective interventions within geriatric oncology.

In conclusion, geriatric oncology necessitates personalized, multidisciplinary care strategies that honour individual narratives, foster resilience, and prioritize patient-centricity. The integration of psychological interventions within this framework marks a transformative shift toward holistic care. Recommendations for future research involve exploring the nuances of emotional resilience, cognitive adaptability, and the lasting effects of interventions, aiming to enhance care strategies and outcomes for elderly individuals navigating cancer's intricate landscape. These efforts pave the way for a more tailored, effective, and comprehensive approach to support elderly patients throughout their cancer journey.

#### CONFLICT OF INTEREST

No Conflict of interest to Declare

#### REFERENCES

- 1. Pergolotti M, Battisti NML, Padgett L, Sleight AG, Abdallah M, Newman R, et al. Embracing the complexity: Older adults with cancer-related cognitive decline—A Young International Society of Geriatric Oncology position paper. J Geriatr Oncol 2020;11:237–43. https://doi.org/10.1016/J.JGO.2019.09.002.
- 2. Pathi N, Parikh PM, Banerjee J, Tilak T, Prem NN, Pillai A. Unmet Needs in Geriatric Oncology. South Asian J Cancer 2023;12:221–7. https://doi.org/10.1055/S-0043-1771441/ID/JR2311132-38/BIB.
- 3. Trevino KM, Stern A, Prigerson HG. Adapting psychosocial interventions for older adults with cancer: A case example of Managing Anxiety from Cancer (MAC). J Geriatr Oncol 2020;11:1319–23. https://doi.org/10.1016/j.jgo.2020.03.012.
- 4. DuMontier C, Loh KP, Soto-Perez-de-Celis E, Dale W. Decision Making in Older Adults With Cancer. J Clin Oncol 2021;39:2164–74. https://doi.org/10.1200/JCO.21.00165.
- 5. Somayaji KH, Handorf E, Meeker CR, Lewis B, Filchner K, Goldstein LJ, et al. Psychosocial needs of older patients with metastatic breast cancer treated at community centers. J Geriatr Oncol 2023;14:101444. https://doi.org/10.1016/J.JGO.2023.101444.
- 6. Elias R, Loh KP, Targia V, Whitehead M, Canin B, Jatoi A, et al. Behavioral, psychological, and supportive care interventions in geriatric oncology: The Cancer and Aging Research Group infrastructure core. J Geriatr Oncol 2020;11:347–9. https://doi.org/10.1016/J.JGO.2019.07.019.
- 7. Noronha V, Ramaswamy A, Dhekle R, Talreja V, Gota V, Gawit K, et al. Initial experience of a geriatric oncology clinic in a tertiary cancer center in India. Cancer Research, Statistics, and Treatment 2020;3:208–17. https://doi.org/10.4103/CRST\_CRST\_119\_20.
- 8. Couderc AL, Boulahssass R, Nouguerède E, Gobin N, Guérin O, Villani P, et al. Functional status in a geriatric oncology setting: A review. J Geriatr Oncol 2019;10:884–94. https://doi.org/10.1016/J.JGO.2019.02.004.
- 9. Deshields TL, Gregorio SW-D, Flowers SR, Irwin KE, Nipp R, Padgett L, et al. Addressing distress management challenges: Recommendations from the consensus panel of the American Psychosocial Oncology Society and the Association of Oncology Social Work. CA Cancer J Clin 2021;71:407–36. https://doi.org/10.3322/CAAC.21672.
- 10. Scotté F, Bossi P, Carola E, Cudennec T, Dielenseger P, Gomes F, et al. Addressing the quality of life needs of older patients with cancer: a SIOG consensus paper and practical guide. Annals of Oncology 2018;29:1718–26. https://doi.org/10.1093/ANNONC/MDY228.
- 11. Klepin HD, Wildes TM. Fighting for the integration of geriatric principles into oncology. J Geriatr Oncol 2018;9:705–6. https://doi.org/10.1016/j.jgo.2018.05.013.

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Volume 06 Issue 12 December 2023

DOI: 10.47191/ijcsrr/V6-i12-77, Impact Factor: 6.789

IJCSRR @ 2023



www.ijcsrr.org

- 12. Drury A, O'Brien A, O'Connell L, Cosgrave S, Hannan M, Smyth C, et al. Setting a Patient-Driven Agenda for Cancer Research Priorities in Geriatric Oncology: A Qualitative Study. Semin Oncol Nurs 2023;39:151463. https://doi.org/10.1016/J.SONCN.2023.151463.
- 13. Pisu M, Azuero A, Halilova KI, Williams CP, Kenzik KM, Kvale EA, et al. Most impactful factors on the health-related quality of life of a geriatric population with cancer. Cancer 2018;124:596–605. https://doi.org/10.1002/CNCR.31048.
- 14. Goede V, Stauder R. Multidisciplinary care in the hematology clinic: Implementation of geriatric oncology. J Geriatr Oncol 2019;10:497–503. https://doi.org/10.1016/J.JGO.2018.09.003.
- 15. Ashing KT, Soto-Perez-de-Celis E. Disparities within a disparity: Global health and health equity in geriatric oncology. J Geriatr Oncol 2020;11:200–2. https://doi.org/10.1016/J.JGO.2019.06.007.
- Sourdet S, Brechemier D, Steinmeyer Z, Gerard S, Balardy L. Impact of the comprehensive geriatric assessment on treatment decision in geriatric oncology. BMC Cancer 2020;20:1–9. https://doi.org/10.1186/S12885-020-06878-2/TABLES/4.
- 17. Okumura M, Ono R. Frailty and Mental Health in Older Patients with Gastrointestinal Cancer. Physical Therapy and Research in Patients with Cancer 2023:417–40. https://doi.org/10.1007/978-981-19-6710-8 19/COVER.
- 18. Pergolotti M, Lyons KD, Williams GR. Moving beyond symptom management towards cancer rehabilitation for older adults: Answering the 5W's. J Geriatr Oncol 2018;9:543–9. https://doi.org/10.1016/J.JGO.2017.11.009.
- 19. Sun V, Puts M, Haase K, Pilleron S, Hannan M, Sattar S, et al. The Role of Family Caregivers in the Care of Older Adults with Cancer. Semin Oncol Nurs 2021;37:151232. https://doi.org/10.1016/J.SONCN.2021.151232.
- 20. Kadambi S, Soto-Perez-de-Celis E, Garg T, Loh KP, Krok-Schoen JL, Battisti NML, et al. Social support for older adults with cancer: Young International Society of Geriatric Oncology review paper. J Geriatr Oncol 2020;11:217–24. https://doi.org/10.1016/J.JGO.2019.09.005.
- 21. Haase KR, Sattar S, Pilleron S, Lambrechts Y, Hannan M, Navarrete E, et al. A scoping review of ageism towards older adults in cancer care. J Geriatr Oncol 2023;14:101385. https://doi.org/10.1016/J.JGO.2022.09.014.
- 22. Verduzco-Aguirre HC, Babu D, Mohile SG, Bautista J, Xu H, Culakova E, et al. Associations of Uncertainty With Psychological Health and Quality of Life in Older Adults With Advanced Cancer. J Pain Symptom Manage 2021;61:369-376.e1. https://doi.org/10.1016/J.JPAINSYMMAN.2020.08.012.
- 23. Leung B, Shokoohi A, Bates A, Ho C. Patient-reported psychosocial needs and psychological distress predict survival in geriatric oncology patients. J Geriatr Oncol 2021;12:612–7. https://doi.org/10.1016/J.JGO.2020.10.001.
- 24. Silva S, Bártolo A, Santos IM, Pereira A, Monteiro S. Towards a Better Understanding of the Factors Associated with Distress in Elderly Cancer Patients: A Systematic Review. Int J Environ Res Public Health 2022;19. https://doi.org/10.3390/IJERPH19063424.
- 25. Soto-Perez-de-Celis E, Sun CL, Tew WP, Mohile SG, Gajra A, Klepin HD, et al. Association between patient-reported hearing and visual impairments and functional, psychological, and cognitive status among older adults with cancer. Cancer 2018;124:3249–56. https://doi.org/10.1002/CNCR.31540.
- Alexander S, Bridges J, Kalsi T, Meltzer D, Lewis I, Seymour M. Improving outcomes for older people with cancer A
  workshop of the UK National Cancer Research Institute. J Geriatr Oncol 2019;10:378–81.
  https://doi.org/10.1016/J.JGO.2019.01.025.
- 27. Chapman AE, Elias R, Plotkin E, Lowenstein LM, Swartz K. Models of Care in Geriatric Oncology. Journal of Clinical Oncology 2021;39:2195. https://doi.org/10.1200/JCO.21.00118.
- 28. Williams GR, Weaver KE, Lesser GJ, Dressler E, Winkfield KM, Neuman HB, et al. Capacity to Provide Geriatric Specialty Care for Older Adults in Community Oncology Practices. Oncologist 2020;25:1032–8. https://doi.org/10.1634/THEONCOLOGIST.2020-0189.
- 29. Extermann M, Brain E, Canin B, Cherian MN, Cheung KL, de Glas N, et al. Priorities for the global advancement of care for older adults with cancer: an update of the International Society of Geriatric Oncology Priorities Initiative. Lancet Oncol 2021;22:e29–36. https://doi.org/10.1016/S1470-2045(20)30473-3.
- 30. O'Hanlon S, O'Donovan A, Cree A. Geriatric oncology: assessing the needs of older people with cancer. Https://DoiOrg/1012968/Hmed2019805252 2019;80:252–7. https://doi.org/10.12968/HMED.2019.80.5.252.

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Volume 06 Issue 12 December 2023

DOI: 10.47191/ijcsrr/V6-i12-77, Impact Factor: 6.789

IJCSRR @ 2023



www.ijcsrr.org

- 31. Webb T, Verduzco-Aguirre HC, Rao AR, Ramaswamy A, Noronha V. Addressing the Needs of Older Adults With Cancer in Low- and Middle-Income Settings. Am Soc Clin Oncol Educ Book 2022;42:1–10. https://doi.org/10.1200/EDBK 349829.
- 32. Hsu T, Elias R, Swartz K, Chapman A. Developing Sustainable Cancer and Aging Programs. Am Soc Clin Oncol Educ Book 2023;43:e390980. https://doi.org/10.1200/EDBK 390980.
- 33. Presley CJ, Krok-Schoen JL, Wall SA, Noonan AM, Jones DC, Folefac E, et al. Implementing a multidisciplinary approach for older adults with Cancer: Geriatric oncology in practice. BMC Geriatr 2020;20:1–9. https://doi.org/10.1186/S12877-020-01625-5/FIGURES/1.
- 34. Huda N, Shaw MK, Chang HJ. Psychological Distress Among Patients With Advanced Cancer: A Conceptual Analysis. Cancer Nurs 2022;45:E487-e503. https://doi.org/10.1097/ncc.00000000000000940.
- 35. Guimond AJ, Ivers H, Savard J. Is emotion regulation associated with cancer-related psychological symptoms? Psychol Health 2019;34:44–63. https://doi.org/10.1080/08870446.2018.1514462.
- 36. Paley CA, Boland JW, Santarelli M, Murtagh FEM, Ziegler L, Chapman EJ. Non-pharmacological interventions to manage psychological distress in patients living with cancer: a systematic review. BMC Palliative Care 2023 22:1 2023;22:1–35. https://doi.org/10.1186/S12904-023-01202-8.
- 37. Zhang A, Hu R, Wang K, Antalis EP. Age moderates the association between psychological distress and engagement in mindfulness among cancer patients and survivors: A population-based study. J Psychosoc Oncol 2020;38:513–26. https://doi.org/10.1080/07347332.2020.1764158.
- 38. Milbury K, Li Y, Durrani S, Liao Z, Tsao AS, Carmack C, et al. A Mindfulness-Based Intervention as a Supportive Care Strategy for Patients with Metastatic Non-Small Cell Lung Cancer and Their Spouses: Results of a Three-Arm Pilot Randomized Controlled Trial. Oncologist 2020;25:e1794–802. https://doi.org/10.1634/THEONCOLOGIST.2020-0125.
- 39. Oberoi D, Martopullo C, Bultz BD, Carlson LE. The effectiveness of a men-only supportive expressive group therapy intervention for psychosocial health outcomes in gastrointestinal cancer patients: a 6-month longitudinal study. Health Qual Life Outcomes 2021;19:1–14. https://doi.org/10.1186/S12955-021-01687-Y/TABLES/6.
- 40. Villani D, Cognetta C, Repetto C, Serino S, Toniolo D, Scanzi F, et al. Promoting emotional well-being in older breast cancer patients: Results from an eHealth intervention. Front Psychol 2018;9:415787. https://doi.org/10.3389/FPSYG.2018.02279/BIBTEX.
- 41. Santa Mina D, Alibhai SMH. Prehabilitation in geriatric oncology. J Geriatr Oncol 2020;11:731–4. https://doi.org/10.1016/j.jgo.2019.05.017.
- 42. Hejazi F, Bahrami M, Keshvari M, Alavi M. The Effect of a Communicational Program on Psychological Distress in the Elderly Suffering from Cancer. Iran J Nurs Midwifery Res 2017;22:201. https://doi.org/10.4103/1735-9066.208158.
- 43. Loh KP, Abdallah M, Kumar AJ, Neuendorff NR, Dahiya S, Klepin HD. Health-Related Quality of Life and Treatment of Older Adults with Acute Myeloid Leukemia: a Young International Society of Geriatric Oncology Review Paper. Curr Hematol Malig Rep 2019;14:523–35. https://doi.org/10.1007/S11899-019-00552-6/METRICS.
- 44. Mira A, Bretón-López J, Enrique Á, Castilla D, García-Palacios A, Baños R, et al. Exploring the incorporation of a positive psychology component in a cognitive behavioral internet-based program for depressive symptoms. Results throughout the intervention process. Front Psychol 2018;9. https://doi.org/10.3389/FPSYG.2018.02360/FULL.
- 45. Jensen-Johansen MB, O'Toole MS, Christensen S, Valdimarsdottir H, Zakowski S, Bovbjerg DH, et al. Expressive writing intervention and self-reported physical health out-comes Results from a nationwide randomized controlled trial with breast cancer patients. PLoS One 2018;13:e0192729. https://doi.org/10.1371/JOURNAL.PONE.0192729.
- 46. Nan JKM, Pang KSY, Lam KKF, Szeto MML, Sin SFY, So CSC. An expressive-arts-based life-death education program for the elderly: A qualitative study. Death Stud 2020;44:131–40. https://doi.org/10.1080/07481187.2018.1527413.
- 47. Tutino RC, Saracino RM, Kelman J, Schofield EA, Roth AJ, Nelson CJ. Cancer and aging: Reflections for elders-Expressive writing intervention: A pilot study. J Geriatr Oncol 2022;13:706–14. https://doi.org/10.1016/J.JGO.2022.02.009.
- 48. Kanesvaran R, Mohile S, Soto-Perez-de-Celis E, Singh H. The Globalization of Geriatric Oncology: From Data to Practice. Am Soc Clin Oncol Educ Book 2020;40:1–9. https://doi.org/10.1200/EDBK\_279513.

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- 49. Dale W, Klepin HD, Williams GR, Alibhai SMH, Bergerot C, Brintzenhofeszoc K, et al. Practical Assessment and Management of Vulnerabilities in Older Patients Receiving Systemic Cancer Therapy: ASCO Guideline Update. Journal of Clinical Oncology 2023;41:4293–312. https://doi.org/10.1200/JCO.23.00933.
- 50. Hamaker M, Gijzel S, Rostoft S, van den Bos F. Intrinsic capacity and resilience: Taking frailty to the next level. J Geriatr Oncol 2023;14:101421. https://doi.org/10.1016/J.JGO.2022.101421.
- 51. Tolstrup LK, Ditzel HM, Giger AKW, Jørgensen TL, Ryg J, Dieperink KB. Determinants of poor quality of life in older patients with cancer: A longitudinal mixed methods study (PROGNOSIS-Q). J Geriatr Oncol 2023;14:101500. https://doi.org/10.1016/J.JGO.2023.101500.
- 52. Hamaker ME, te Molder M, Thielen N, van Munster BC, Schiphorst AH, van Huis LH. The effect of a geriatric evaluation on treatment decisions and outcome for older cancer patients A systematic review. J Geriatr Oncol 2018;9:430–40. https://doi.org/10.1016/J.JGO.2018.03.014.
- 53. Sakamoto N, Takiguchi S, Komatsu H, Okuyama T, Nakaguchi T, Kubota Y, et al. Supportive care needs and psychological distress and/or quality of life in ambulatory advanced colorectal cancer patients receiving chemotherapy: a cross-sectional study. Jpn J Clin Oncol 2017;47:1157–61. https://doi.org/10.1093/JJCO/HYX152.
- 54. Levkovich I, Cohen M, Alon S, Kuchuk I, Nissenbaum B, Evron E, et al. Symptom cluster of emotional distress, fatigue and cognitive difficulties among young and older breast cancer survivors: The mediating role of subjective stress. J Geriatr Oncol 2018;9:469–75. https://doi.org/10.1016/J.JGO.2018.05.002.
- 55. Alemania E, Hind A, Samara J, Turner M, Ralph N, Paterson C. Nurse-led interventions among older adults affected by cancer: An integrative review. Asia Pac J Oncol Nurs 2023;10. https://doi.org/10.1016/J.APJON.2023.100289.
- 56. Faccio F, Renzi C, Giudice A V., Pravettoni G. Family resilience in the oncology setting: Development of an integrative framework. Front Psychol 2018;9. https://doi.org/10.3389/FPSYG.2018.00666/FULL.
- 57. Wong ML, Lichtman SM, Morrow GR, Simmons J, Hargraves T, Gross CP, et al. Geriatric oncology health services research: Cancer and Aging Research Group infrastructure core. J Geriatr Oncol 2020;11:350–4. https://doi.org/10.1016/J.JGO.2019.07.012.
- 58. Martín-Abreu CM, Hernández R, Cruz-Castellanos P, Fernández-Montes A, Lorente-Estellés D, López-Ceballos H, et al. Dignity and psychosocial related variables in elderly advanced cancer patients. BMC Geriatr 2022;22:1–8. https://doi.org/10.1186/S12877-022-03423-7/TABLES/3.
- 59. Williams GR, Kenzik KM, Parman M, Al-Obaidi M, Francisco L, Rocque GB, et al. Integrating geriatric assessment into routine gastrointestinal (GI) consultation: The Cancer and Aging Resilience Evaluation (CARE). J Geriatr Oncol 2020;11:270–3. https://doi.org/10.1016/J.JGO.2019.04.008.
- 60. Bauereiß N, Obermaier S, Özünal SE, Baumeister H. Effects of existential interventions on spiritual, psychological, and physical well-being in adult patients with cancer: Systematic review and meta-analysis of randomized controlled trials. Psychooncology 2018;27:2531–45. https://doi.org/10.1002/PON.4829.
- 61. Disalvo D, Moth E, Soo WK, Garcia M V., Blinman P, Steer C, et al. The effect of comprehensive geriatric assessment on care received, treatment completion, toxicity, cancer-related and geriatric assessment outcomes, and quality of life for older adults receiving systemic anti-cancer treatment: A systematic review. J Geriatr Oncol 2023;14:101585. https://doi.org/10.1016/J.JGO.2023.101585.
- 62. Liposits G, Singhal S, Krok-Schoen JL. Interventions to improve nutritional status for older patients with cancer a holistic approach is needed. Curr Opin Support Palliat Care 2023;17:15–21. https://doi.org/10.1097/SPC.0000000000000030.

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