

## Geriatric Care: Addressing the Needs of an Aging Population

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### Abstract

Geriatric care is a specialized field focused on the health and well-being of older adults, addressing their unique medical, psychological, and social needs. As the global population ages, the importance of this specialized care has become increasingly critical. Older adults often present with multiple chronic conditions, requiring comprehensive assessments and individualized treatment plans. Comprehensive Geriatric Assessment (CGA) plays a pivotal role in evaluating an elderly individual's health status, guiding tailored interventions that encompass medical management, cognitive health, and functional abilities. An interdisciplinary approach is fundamental in geriatric care, with a collaborative team of healthcare professionals—physicians, nurses, social workers, and therapists—working together to ensure holistic management. Effective chronic disease management is essential, focusing on symptom control and lifestyle modifications that promote independence and enhance quality of life. Additionally, cognitive health assessments are vital in addressing conditions such as dementia, ensuring that patients receive appropriate interventions and support. End-of-life care is another critical aspect of geriatric care, emphasizing the importance of advanced care planning and palliative services to respect individual wishes while providing comfort.

### Introduction

As the global population ages, the importance of specialized care for older adults—known as geriatric care—has become increasingly significant. Geriatric care focuses on the unique health needs and challenges faced by the elderly, encompassing a multidisciplinary approach that aims to improve the quality of life and health outcomes for this population. With advancements in healthcare leading to longer life expectancies, it is essential to address the complexities of aging, including physical, cognitive, and social aspects, to ensure that older adults receive the comprehensive care they deserve. Geriatric care is a specialized field that focuses on the unique health needs of older adults, addressing the complex interplay of physical, cognitive, and social factors that affect their well-being. As the global population ages, the demand for geriatric care has surged, highlighting the importance of developing effective strategies to manage the health of this vulnerable demographic. By 2050, it is projected that the number of individuals aged 60 and older will surpass 2 billion, necessitating a robust healthcare framework to meet their diverse needs. Older adults often face multiple chronic conditions, including cardiovascular diseases, diabetes, arthritis, and cognitive impairments, which can complicate their health management [1].

### Methodology

The methodology of geriatric care encompasses a structured approach designed to address the unique needs of older adults through comprehensive assessments, individualized care planning, and collaborative interventions [2]. This methodology integrates various disciplines and techniques to ensure holistic and effective management of health issues associated with aging.

**Comprehensive geriatric assessment (CGA):** At the core of geriatric care is the Comprehensive Geriatric Assessment (CGA), a multidimensional process that evaluates an older adult's medical, psychological, functional, and social status. The CGA typically involves:

**Medical history and physical examination:** Gathering detailed medical histories, including current medications, past medical conditions, and surgeries, alongside thorough physical examinations to identify existing health problems [3].

**Functional assessment:** Evaluating the individual's ability to

perform Activities of Daily Living (ADLs), such as bathing, dressing, eating, and mobility, as well as Instrumental Activities of Daily Living (IADLs), which include tasks like managing finances, cooking, and transportation [4].

**Cognitive assessment:** Using standardized tools, such as the Mini-Mental State Examination (MMSE) or Montreal Cognitive Assessment (MoCA), to screen for cognitive impairments, including dementia and delirium.

**Psychosocial evaluation:** Assessing mental health status, social support systems, and living conditions to identify potential barriers to care and well-being [5].

**Interdisciplinary team collaboration:** Geriatric care is fundamentally multidisciplinary, involving collaboration among healthcare professionals, including geriatricians, nurses, social workers, pharmacists, and rehabilitation specialists [6]. Regular team meetings facilitate communication and ensure that all aspects of the patient's health are addressed. Each team member contributes their expertise, helping to create a comprehensive care plan tailored to the individual's needs.

**Individualized care planning:** Following the CGA, an individualized care plan is developed that prioritizes the patient's goals, preferences, and specific health needs. This plan may include:

**Chronic disease management:** Developing treatment regimens for managing chronic conditions and coordinating regular follow-up appointments [7].

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**Medication management:** Regular reviews of the patient's medications to minimize polypharmacy risks, optimize therapeutic outcomes, and enhance adherence.

**Physical and cognitive interventions:** Implementing exercise programs, cognitive rehabilitation, and therapeutic activities to improve physical function and cognitive health [8].

**Continuous monitoring and evaluation:** Effective geriatric care requires ongoing monitoring and evaluation of the patient's health status and progress. This may involve follow-up assessments, patient feedback, and adjustments to the care plan as needed. Regular communication with the patient and family members is vital to ensure that care remains aligned with the individual's evolving needs. In summary, the methodology of geriatric care combines comprehensive assessments, interdisciplinary collaboration, individualized care planning, and continuous evaluation. This holistic approach aims to enhance the quality of life for older adults, promoting their health, independence, and overall well-being.

### The importance of geriatric care

Geriatric care is essential for several reasons. First, older adults often have multiple chronic conditions, which complicate their health management. Conditions such as diabetes, heart disease, arthritis, and cognitive impairments like dementia require coordinated care to effectively manage symptoms and improve overall health [9]. A geriatric care team, which may include physicians, nurses, social workers, pharmacists, and physical therapists, works collaboratively to create individualized care plans that address these multifaceted needs. Second, older adults are more vulnerable to adverse drug effects due to age-related physiological changes and polypharmacy—the concurrent use of multiple medications. Geriatric care involves careful medication management, including regular reviews and adjustments, to minimize the risk of side effects and interactions. Third, geriatric care emphasizes maintaining independence and improving the quality of life for older adults. This includes supporting physical mobility, mental well-being, and social engagement, all of which contribute to better health outcomes. By focusing on these aspects, geriatric care not only enhances the overall health of older adults but also helps reduce hospitalizations and healthcare costs [10].

### Conclusion

Geriatric care plays a crucial role in addressing the unique

health needs of an aging population. By focusing on comprehensive assessments, interdisciplinary collaboration, chronic disease management, cognitive health, and end-of-life care, geriatric care aims to enhance the quality of life for older adults. However, challenges such as workforce shortages, healthcare access, and societal attitudes must be addressed to ensure that older individuals receive the care and respect they deserve. As the global population continues to age, it is essential for healthcare systems to prioritize geriatric care, invest in training and education, and advocate for policies that support older adults and their caregivers. By doing so, we can create a more inclusive society that values and respects the contributions of older individuals while ensuring they have access to the comprehensive care necessary to thrive in their later years.

### References

1. Bridelli MG, Crippa PR (2010) Infrared and water sorption studies of the hydration structure and mechanism in natural and synthetic melanin. *J Phys Chem* 114: 9381-9390.
2. Cordero RJB, Casadevall A (2017) Functions of fungal melanin beyond virulence. *Fungal Biol Rev* 31: 99-112.
3. Coyne VE, Al-Harhi L (1992) Induction of melanin biosynthesis in *Vibrio cholerae*. *Appl Environ Microbiol* 58: 2861-2865.
4. d'Ischia M, Wakamatsu K, Napolitano A (2013) Melanins and melanogenesis: methods, standards, protocols. *Pigment Cell Melanoma Res* 26: 616-633.
5. d'Ischia M, Napolitano A, Ball V (2014) Polydopamine and eumelanin: from structure-property relationships to a unified tailoring strategy. *Acc Chem Res* 47: 3541-3550.
6. Tran D-T, Lee HR, Jung S, Park MS, Yang JW (2018) Lipid-extracted algal biomass based biocomposites fabrication with poly(vinyl alcohol). *Algal Res* 31: 525-533.
7. Damm T, Commandeur U, Fischer R, Usadel B, Klose H (2016) Improving the utilization of lignocellulosic biomass by polysaccharide modification. *Process Biochem* 51: 288-296.
8. Valdés A, Mellinas AC, Ramos M, Garrigós MC, Jiménez A (2014) Natural additives and agricultural wastes in biopolymer formulations for food packaging. *Front Chem* 2.
9. Shankar S, Tanomrod N, Rawdkuen S, Rhim JW (2016) Preparation of pectin/silver nanoparticles composite films with UV-light barrier and properties. *Int J Biol Macromol* 92: 842-849.
10. da Silva ISV, de Sousa RMF, de Oliveira A, de Oliveira WJ, Motta LAC, et al. (2018) Polymeric blends of hydrocolloid from chia seeds/apple pectin with potential antioxidant for food packaging applications. *Carbohydr. Polym* 202: 203-210.