



A STUDY ON INTEGRATING GERIATRIC CARE AND BUSINESS MANAGEMENT IN ASSISTED LIVING CENTERS: A MULTI-DISCIPLINARY APPROACH FOR ELDERLY CARE

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ABSTRACT

The increasing demand for assisted living centers, driven by the growing elderly population, underscores the need for an integrated approach to geriatric care that combines medical and business management practices. This study explores the intersection of healthcare services and business management in assisted living centers to optimize both the quality of care and operational efficiency. Through a multi-disciplinary approach, this paper examines how principles from geriatrics and business management can be effectively integrated to enhance patient-centered care, resource allocation, and sustainability in elderly care facilities. The researchers have developed 15 key indicators that may seem important to manage the facility properly. The response suggested that out of 15 there are 08 factor which are crucial to manage the assisted living centers in the opinion of respondents.

Keywords: *Assisted Living Centers, Geriatric Practices, Elderly Care.*

I. Introduction

The global rise in the aging population has led to a growing demand for specialized care facilities that cater to the needs of the elderly. Assisted living centers, which bridge the gap between independent living and nursing care, have become vital in providing comprehensive support to older adults. However, managing these facilities requires not only adherence to geriatric care practices but also efficient business management to ensure sustainability and high-quality service. The integration of geriatric expertise with strategic management is essential to maintain the delicate balance between compassionate care and financial viability.

Geriatric care, a specialized field focused on the medical, social, and psychological needs of the elderly, is critical in addressing the complexities of aging. Older adults often experience multiple chronic conditions, cognitive decline, and the need for personalized care plans. This makes the role of geriatricians, doctors, and trained healthcare providers indispensable in assisted living centers.

Their insights into patient care, disease prevention, and quality of life improvements are paramount in shaping the operational protocols of these facilities.

Equally important are the contributions of business managers who ensure the centers run efficiently. By applying sound financial strategies, resource management, and personnel oversight, they create an environment where elderly care can be delivered effectively without compromising the center's sustainability. The opinions and experiences of administrators and geriatric practitioners are valuable in identifying best practices for optimizing care delivery while managing costs, staff, and infrastructure.

This study aims to examine how the integration of geriatric care principles and business management practices can enhance the overall functioning of assisted living centers. It will analyze the role of doctors, geriatric specialists, and administrators in shaping a cohesive model that benefits both residents and the organization. By focusing on this multi-disciplinary approach, the research will explore innovative methods to improve service quality, operational efficiency, and financial sustainability in elderly care.

i. Assisted Living Centers

Assisted living centers are residential facilities designed to provide a supportive environment for elderly individuals who need assistance with daily activities but do not require the intensive medical care provided by nursing homes. These centers offer a blend of independence and supervision, with services tailored to individual needs, such as help with bathing, dressing, medication management, meal preparation, and housekeeping. The goal is to maintain a resident's autonomy while ensuring their safety and well-being in a community setting.

Unlike nursing homes, assisted living centers focus more on offering a home-like environment, providing social engagement opportunities, wellness programs, and personalized care plans. They are particularly helpful for older adults who struggle with tasks of daily living (ADLs) but wish to retain some level of independence, allowing them to maintain a higher quality of life.

ii. Why Are Assisted Living Centers Emerging in Society?

Assisted living centers are becoming increasingly common due to a combination of demographic, social, and healthcare factors:

1. **Aging Population:** Globally, life expectancy has increased, and with it, the proportion of elderly individuals has risen. As people live longer, they often face age-related challenges such as chronic illnesses, mobility issues, or cognitive decline, creating the need for long-term care services that balance independence with assistance.
2. **Nuclear Families and Urbanization:** In many societies, particularly in India, the shift from joint families to nuclear families, along with increasing urbanization and migration for work, has reduced the availability of traditional family caregiving for the elderly. As family members are no longer available to care for aging relatives, assisted living centers fill the caregiving gap.

3. **Changing Social Expectations:** The growing awareness of elder care needs, coupled with the desire for improved living standards, has led to a cultural shift where older adults are more open to moving into specialized care facilities. They prefer environments where they can receive professional care, engage in social activities, and live with dignity.
4. **Healthcare Advancements:** With advances in medical care, more elderly individuals survive chronic illnesses but require ongoing assistance to manage their health. Assisted living centers, equipped with healthcare services and wellness programs, have emerged as a solution to support aging individuals in maintaining their health and well-being.

iii. Contribution of Assisted Living Centers to Indian Society

Assisted living centers in India play a growing and important role in addressing the needs of the elderly. Some of their key contributions to Indian society include:

1. **Providing Dignified Elder Care:** In a country where traditional caregiving structures are shifting, assisted living centers provide an alternative that ensures elderly individuals live with dignity, comfort, and the appropriate level of care. These centers help reduce the stress on families while meeting the complex needs of older adults.
2. **Creating Safe and Supportive Environments:** Many elderly individuals suffer from loneliness, isolation, and the lack of adequate healthcare in their homes. Assisted living centers offer safe, supportive, and socially engaging environments, promoting mental and physical well-being through activities, companionship, and supervised care.
3. **Filling the Caregiver Gap:** With more family members working or living abroad, the availability of caregivers for the elderly has diminished. Assisted living facilities offer professional care in areas like medication management, healthcare supervision, and day-to-day living support, ensuring that elderly people receive the care they need.
4. **Improving Access to Healthcare:** Assisted living centers often have partnerships with healthcare providers, ensuring regular medical checkups and prompt access to doctors, physiotherapists, or specialists when needed. This arrangement is especially beneficial for elderly people with chronic health issues or disabilities.
5. **Promoting Independent Living:** These centers emphasize maintaining as much independence as possible for their residents. By tailoring services according to individual needs, they allow the elderly to lead active and fulfilling lives within a supportive community.
6. **Cultural Sensitivity:** Assisted living centers in India are increasingly being designed with cultural and religious sensitivities in mind, offering services and environments that respect traditional values. This allows residents to feel more comfortable and connected to their heritage while receiving modern care.

Assisted living centers are an evolving part of India's healthcare and social service landscape. They address the complex needs of the aging population while adapting to the changing familial and societal structures. By blending compassionate geriatric care with business management and operational efficiencies, these centers make significant contributions to enhancing the quality of life

for the elderly in India. As the demand for such services continues to rise, they will play an increasingly vital role in India's efforts to provide dignified, safe, and sustainable care for its aging citizens.

II. Literature Review

Active aging programs are essential for older adults to maintain independence, as suggested by Adhikari (2017). Despite the establishment of geriatric clinics and centers by health ministries, there is a pressing need for mobile units, hospices, daycare facilities, and trained home nursing staff to cater to the needs of cognitively and functionally disabled seniors. The burden of managing multiple health issues often exceeds what routine care clinics can handle, highlighting the necessity for rapid training of healthcare workers in geriatric care. Government support for nonprofit organizations providing daycare and home care is crucial to ensure these services are accessible to all seniors.

Marwah and Sharma (2017) noted that living conditions significantly affect the well-being of seniors, advocating for a care paradigm that focuses on their overall welfare. Culturally, institutional care in India is less accepted, as families are traditionally viewed as primary caregivers. The growing elderly population further strains the capacity of care facilities, compounded by a shortage of trained personnel. Despite the demand for community-based care systems, social stigma surrounding institutionalization persists.

Datta (2017) highlighted that extending life does not equate to extending quality of life, as aging increases the risk of frailty and dependency. Johnson et al. (2018) studied the emerging long-term care industry in India through interviews with administrators from old age homes (OAHs) in Chennai, gathering insights on current conditions and areas for improvement. Shankardass and Rajan (2018) provided a framework for understanding elder abuse and neglect in India, addressing its prevalence in both rural and urban settings, which is relevant for researchers, policymakers, and NGOs. Kaur et al. (2019) found that while 70% of elderly participants were self-sufficient, many faced financial and physical dependence, highlighting issues such as meaninglessness and hospital-related challenges.

Bhattacharjee et al. (2019) compared elder care management in Sweden and India, identifying key themes for leadership development in elder care organizations. Basu (2019) examined how private healthcare management employs untrained migrant workers, suggesting that informal social structures influence organizational efficiency. Naidu (2019) explored management and leadership roles in promoting consumer-centered care models in aged care facilities, emphasizing the importance of fostering a positive work environment. Tang et al. (2019) addressed the growing demand for aged care services by proposing an Internet of Medical Things (IoMT)-based geriatric care management system, enhancing the efficiency of health monitoring in nursing homes.

Conrad et al. (2019) introduced design thinking as a strategy for encouraging health innovation in their Health Innovation and Design course, while Mokhberi (2019) provided design recommendations for Health Smart Homes (HSH) projects, focusing on creating user-friendly and efficient environments for older adults through interdisciplinary research.

III. Research Methodology

Objective of The Research

- To find out key aspects related with the successful management of assisted living centers
- To consider the genetics suggestions in managing the assisted living centers

Hypothesis

H01: There is no significant impact of selected aspects in managing assisted living centers

The key attributes are:

- 1) Compassion
- 2) Empathy
- 3) Medical expertise
- 4) Patient-centered care
- 5) Communication skills
- 6) Financial management
- 7) Leadership
- 8) Emotional intelligence
- 9) Operational efficiency
- 10) Staff training
- 11) Safety protocols
- 12) Resident engagement
- 13) Personalized care
- 14) Regulatory compliance
- 15) Ethical decision-making

The review highlighted the importance of providing holistic care that addresses not only the medical needs of the elderly but also their emotional, psychological, and social well-being. Effective management practices were found to be critical in ensuring that these centers maintain a high standard of care. This includes adopting personalized care models, promoting resident engagement through recreational activities, and ensuring a safe and supportive environment. Additionally, the review underscored the necessity of integrating business management principles, such as financial sustainability, staff training, and operational efficiency, to ensure long-term viability in nonprofit settings. Leadership that balances compassion with strategic planning emerged as a key component in successfully managing assisted living centers, particularly when aligning geriatric care with the goals and resources of nonprofit organizations.

The respondents were asked to respond for each aspect on a 03-point scale. The scale consisted options as vital (3) average (2), and trivial (1). Out of these 15 aspects only 08 seemed significant based upon the chi square test. The details of test are mentioned in 4th chapter of data analysis and interpretations.

IV. Findings and Suggestions

The researcher conducted a comprehensive survey involving 90 geriatrics professionals, including doctors and managers at assisted living facilities, to identify key aspects in managing these centers. The respondents emphasized that effective management hinges on a multidisciplinary approach, where healthcare delivery, individualized care plans, and mental well-being are prioritized. They highlighted the importance of creating a supportive environment that caters to both the physical and emotional needs of the elderly residents. Other critical factors included staff training, adherence to healthcare protocols, and the integration of advanced technologies to monitor health conditions, ensuring that residents receive holistic, high-quality care. The descriptive statistics for the response have been mentioned below:

Table 4.1: Response Toward Key Aspects

| Sr. No. | Observed Indices | Trivial | Average | Vital |
|---------|-------------------------|---------|---------|-------|
| 1 | Empathy | 22 | 21 | 47 |
| 2 | Compassion | 28 | 27 | 35 |
| 3 | Medical expertise | 25 | 25 | 40 |
| 4 | Patient-centered care | 23 | 26 | 41 |
| 5 | Communication skills | 45 | 35 | 10 |
| 6 | Leadership | 25 | 28 | 37 |
| 7 | Financial management | 29 | 21 | 40 |
| 8 | Regulatory compliance | 24 | 24 | 42 |
| 9 | Operational efficiency | 24 | 22 | 44 |
| 10 | Staff training | 20 | 24 | 46 |
| 11 | Safety protocols | 25 | 27 | 38 |
| 12 | Resident engagement | 22 | 32 | 36 |
| 13 | Personalized care | 24 | 21 | 45 |
| 14 | Emotional intelligence | 27 | 29 | 34 |
| 15 | Ethical decision-making | 21 | 35 | 34 |

The researcher observed a visible difference in the responses from geriatrics professionals, including doctors and managers, regarding the most important aspects of managing assisted living facilities. To statistically assess these variations and identify the significantly important factors, a chi-square test was conducted. This test helped determine whether the differences in opinion were statistically significant or merely due to chance. By analyzing the categorical data, the chi-square test enabled the researcher to pinpoint the key management aspects—such as healthcare quality, staff training, and resident well-being—that were consistently rated as crucial by the majority of respondents.

Table 4.2: Chi Square Calculation for Key Aspects

| Sr. No. | Observed Indices | Df (Degree of Freedom) for Observation | Chi-Square Value At 0.05 Level of Significance | Chi-Square Value for Observation |
|---------|-------------------------|--|--|----------------------------------|
| 1 | Empathy | 2 | 5.991 | 14.466 |
| 2 | Compassion | 2 | 5.991 | 1.266 |
| 3 | Medical expertise | 2 | 5.991 | 4.999 |
| 4 | Patient-centered care | 2 | 5.991 | 6.199 |
| 5 | Communication skills | 2 | 5.991 | 21.666 |
| 6 | Leadership | 2 | 5.991 | 2.599 |
| 7 | Financial management | 2 | 5.991 | 6.066 |
| 8 | Regulatory compliance | 2 | 5.991 | 7.200 |
| 9 | Operational efficiency | 2 | 5.991 | 9.866 |
| 10 | Staff training | 2 | 5.991 | 13.066 |
| 11 | Safety protocols | 2 | 5.991 | 3.266 |
| 12 | Resident engagement | 2 | 5.991 | 3.466 |
| 13 | Personalized care | 2 | 5.991 | 11.4 |
| 14 | Emotional intelligence | 2 | 5.991 | 0.866 |
| 15 | Ethical decision-making | 2 | 5.991 | 4.066 |

The observation has suggested that 8 different aspects are there which are significantly important for managing the assisted living centres. The chi-square test results revealed that the observed values for components such as Empathy, Patient-centered care, Communication skills, financial management, Regulatory compliance, Operational efficiency, Staff training, and Personalized care were higher than the table values. This indicates that these components are statistically significant and can be considered crucial for the successful management of assisted living centers. Based on this analysis, the researcher has narrowed the focus of the study to six major aspects: the physical health of elderly residents, their mental health, the empathy and managerial skills of the staff, and the quality of operations and fund management at these facilities. These key areas are critical for ensuring the holistic well-being of residents and the effective functioning of the centers.

In the pursuit of identifying the most critical factors for the successful management of assisted living centers, the researcher employed a chi-square test to assess various components that contribute to the efficiency and quality of care at these facilities. The components evaluated in the study included Empathy, Patient-centered care, Communication skills, financial management, Regulatory compliance, Operational efficiency, Staff training, and Personalized care. The chi-square test revealed that the observed values for each of these components were significantly higher than the table values, indicating that they play a crucial role in the effective management of assisted living centers. This statistical significance suggests that these components are not only essential for day-to-day operations but also impact the overall well-being of the elderly residents. However, to streamline

the study and focus on the most pivotal aspects, the researcher converged on six major areas that encompass the core of successful management practices in these centers. These six areas are the physical health of elderly residents, their mental health, empathy and managerial skills of the staff, and the quality of operations and fund management at these facilities.

V. Conclusion

The research conducted on the scope of geriatrics and business management practices in managing assisted living centers has yielded significant insights into the multifaceted aspects that contribute to the well-being of elderly residents. This study's findings indicate that six major components—physical health, mental health, staff empathy and managerial skills, operational quality, and financial management—are highly correlated with the level of satisfaction among elderly individuals residing in these facilities. By understanding and addressing these elements, assisted living centers can enhance their service delivery and improve residents' overall quality of life.

Physical health is paramount in ensuring the well-being of elderly residents in assisted living centers. The research highlights that maintaining good physical health not only prolongs life but also enhances the quality of life. Regular health check-ups, timely medical interventions, and rehabilitation programs are essential in promoting the physical health of residents. The study emphasizes the importance of personalized care plans tailored to meet the specific health needs of each individual. Such proactive measures help in preventing health issues and managing existing conditions, thereby leading to increased satisfaction levels among residents. Moreover, facilities that prioritize physical health demonstrate their commitment to the well-being of their residents, fostering a sense of trust and security.

Mental health is another critical aspect that significantly impacts the satisfaction levels of elderly individuals in assisted living centers. The study finds a strong correlation between mental well-being and the quality of life among residents. Facilities that offer social activities, mental health support, and opportunities for engagement have residents who report higher satisfaction. This highlights the necessity for a holistic approach to care that addresses not only the physical but also the emotional and psychological needs of elderly individuals. The findings suggest that promoting mental wellness through recreational activities, social interaction, and therapeutic programs can help alleviate feelings of loneliness and depression, further enhancing the overall quality of life.

The empathy and managerial skills of staff are pivotal in creating a supportive and nurturing environment within assisted living centers. The research indicates that when staff members exhibit empathy and possess effective managerial skills, residents feel valued and respected. The ability of staff to understand and respond to the needs of residents directly influences their satisfaction levels. Training programs that emphasize communication skills, emotional intelligence, and crisis management for staff can significantly enhance the care provided. The study underscores the importance of ongoing professional development and training for staff to ensure they are equipped to handle the diverse needs of the elderly population effectively. This not only improves the quality of care but also fosters a positive atmosphere within the facility, contributing to higher satisfaction rates among residents.

Operational quality and financial management are critical components that ensure the sustainability and effectiveness of assisted living centers. The research findings indicate that well-managed facilities with transparent financial practices tend to provide better services and maintain higher standards of care. Effective fund management allows for the allocation of resources to essential services such as staff training, health services, and facility maintenance. The study emphasizes the need for assisted living centers to adopt sound business management practices to enhance operational efficiency. Facilities that implement strategic planning, performance evaluations, and quality assurance measures are better positioned to meet the needs of their residents, leading to increased satisfaction. Additionally, by maintaining transparency in financial dealings, these facilities can build trust with residents and their families, further enhancing their overall experience.

REFERENCES

1. Adhikari, P. (2017). Geriatric health care in India-Unmet needs and the way forward. *Archives of Medicine and Health Sciences*, 5(1), 112-114.
2. Sharma, R., & Marwah, E. B. (2017). Rising demand for community based long-term care services for senior citizens in India. *Indian Journal of Gerontology*, 31(4), 519-528.
3. Datta, A. (2017). Old age homes in India: Sharing the burden of elderly care with the family. *Elderly Care in India: Societal and State Responses*, 77-93.
4. Johnson, S., Madan, S., Vo, J., & Pottkett, A. (2018). A qualitative analysis of the emergence of long-term care (old age home) sector for seniors care in India: Urgent call for quality and care standards. *Ageing International*, 43, 356-365.
5. Shankardass, M. K., & Rajan, S. I. (Eds.). (2018). *Abuse and Neglect of the Elderly in India*. Springer Singapore.
6. Schofer, E., Ramirez, F. O., & Meyer, J. W. (2021). The societal consequences of higher education. *Sociology of Education*, 94(1), 1-19. De Vries, M. S. (2016). *Understanding public administration*. Bloomsbury Publishing.
7. Gautam, J. (2020). A study of emotional marketing in changing context of Indian product advertisements: the nationalism perspective in India 2020. *International Journal of Advanced Science and Technology*, 29(3s), 1665-70. Retrieved form <http://sersc.org/journals/index.php/IJAST/article/view/6224>.
8. Jaiswal, G. (2018). Business Viability of Street Vending: A Study of Various Factors of Pest Model of Street Vending in The Geographical Area of Uttar Pradesh, *Journal of Management Research and Analysis (JMRA)*, ISSN: 2394-2770, Impact Factor: 4.878, Volume 05 Issue 02, June 2018, Pages: 25-28.
9. Jaiswal Gautam. (2018) Emerging trends in street vending businesses and its relation with street vending: a business acceptance and viability study of street vending business in Uttar Pradesh, *International Research Journal of Management and Commerce* 2018, 5(2). ISSN: (2348-9766) February 2018 available on <http://aarf.asia/management2.php?p=Volume5,Issue2,February%202018>, last accessed on 12 Jan 2022.

10. Jaiswal, G. (2021). Impact Of Advertising Appeal on Branding of Consumer Goods in The Contemporary World. HYPOTHESIS -National Journal of Research in Higher Studies Volume- IV, Issue 1, January 2021 – June 2021 ISSN-2581-8953, available on <https://ejournal.theiihs.com/paper/VolumeIVIssue1/1.pdf>.
11. Jaiswal, G. (2020). A quantitative evaluation of customer marketing impact by artificial intelligence in hospitality industry. *Pranjana: The Journal of Management Awareness*, 23(2), 40-44.
12. Jaiswal Gautam, S. D. Sharma, Saman Khan, (2019). Identifying Informal Markets for Sustainable Urbanization: Developing Sustainability Index for Informal Economy, Sri JNPG College COMMERCE TODAY (A Peer Reviewed Annual Journal) Vol. 14, No. 1 (2019), 45-49.
13. Jaiswal, G. (2019), Emerging Trends in Informal Economy in the Context of Street Vending, PhD Thesis, IFTM University, Moradabad, <http://hdl.handle.net/10603/256773>.
14. Mehrotra, M. S., Sharma, S. D., & Jaiswal, G. (2019). A descriptive study of transformational leadership style on employees' innovative work behaviour and organizational performance (A case study on employees of Tata group). *JETIR*, April 2019, Volume 6, Issue 4 www.jetir.org (ISSN-2349-5162).
15. Mehrotra, M. S., Sharma, S. D., & Jaiswal, G. (2018), A Systematic Review of Transformational leadership upon vital organizational aspects: An Imitation of Meta Analysis methodologies of PRISMA and Meta Essentials., *IJARIE-ISSN(O)-2395-4396*, Vol-4 Issue-1 2018.
16. Srivastava, M., Sharma, S. D., & Jaiswal, G. (2021). An Evaluation of The Effect of Banking Sector Reforms on Service Quality of Public and Private Sector Banks: A Comparative Case Study of SBI And ICICI Bank In Uttar Pradesh. *Webology*, 18(5), 2454-2465.
17. Srivastava, M., Sharma, S. D., & Jaiswal, G. (2021). An Evaluation of The Effect of Banking Sector Reforms on Service Quality of Public and Private Sector Banks: A Comparative Case Study of SBI And ICICI Bank In Uttar Pradesh. *Webology*, 18(1), 1188-1200.
18. Agarwal, S., Agarwal, P., & Jaiswal, G. (2022). Liquidity, Risk and Performance Measurement: An Analytical Study in Steel Industry. *AAYAM: AKGIM Journal of Management*, 12(2), 70-73.
19. Kaur, S., Bhalla, A., Kumari, S., & Singh, A. (2019). Assessment of functional status and daily life problems faced by elderly in a North Indian city. *Psychogeriatrics*, 19(5), 419-425.
20. Bhattacharjee, A., Srivastava, M., Vohra, V., & Dellve, L. (2019). Leadership Development in Social Care—A Study of the Entrepreneurs and Managers of Elder Care in India and Sweden. *PURUSHARTHA-A journal of Management, Ethics and Spirituality*, 12(2), 14-34.
21. Basu, H. (2019). Mode of Work Organization in Nursing: Management Practices in Private Healthcare in India. *Management and Labour Studies*, 44(4), 433-454.
22. Naidu, M. (2019). Leadership and management strategies that promote the implementation of consumer-centred care in residential aged care facility. *Journal of Biosciences and Medicines*, 7(6), 73-101.



23. Tang, V., Choy, K. L., Ho, G. T., Lam, H. Y., & Tsang, Y. P. (2019). An IoMT-based geriatric care management system for achieving smart health in nursing homes. *Industrial Management & Data Systems*, 119(8), 1819-1840.
24. Conrad, N., Mutsvangwa, T. E., Doyle, A., Saidi, T., & Douglas, T. S. (2019). User-Centred Design in a Health Innovation Course to Address Hearing Loss in the Elderly. *Biomedical Engineering for Africa*, 65-75.
25. Mokhberi, A. (2019). Empathy-led Service Design: Imagining Future Health Smart Homes through Co-Design with Older Adults.
26. Van der Westhuizen, D., Conrad, N., Douglas, T. S., & Mutsvangwa, T. (2020). Engaging communities on health innovation: experiences in implementing design thinking. *International quarterly of community health education*, 41(1), 101-114.