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Proposed Health Marketing Theory: An Integrative Framework for Ethics, Digitalization, and Sustainability

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Article Info

Abstract
This study addresses the limitations of traditional health marketing models, which often prioritize short-term financial objectives while neglecting ethical, social, and environmental dimensions. To bridge this gap, it introduces the Health Marketing Theory, an integrated conceptual framework that balances organizational performance, patient well-being, and societal sustainability. Employing a theoretical development approach, the study critically analyzes prior literature, identifies knowledge gaps, and reconstructs key concepts into a unified model. The findings highlight three interrelated dimensions essential for effective health marketing: ethics, digital transformation, and sustainability. Additionally, the study proposes the concept of "Conscious Health Loyalty," emphasizing value- and knowledge-based engagement that positions patients as active partners rather than passive recipients. The study recommends integrating these dimensions into health marketing strategies to achieve long-term value and calls for future empirical research to test the theory across diverse healthcare contexts.

1. Introduction

Health care marketing has undergone profound transformations over recent decades due to rapid technological advancements, evolving patient expectations, and the increasing complexity of modern health care systems. Despite these developments, many marketing models continue to focus primarily on short-term financial objectives, often overlooking human and social dimensions. Moreover, theoretical frameworks integrating technological progress with ethical commitments and sustainability considerations remain scarce. This gap emphasizes the need for a comprehensive framework capable of guiding health marketing practices toward long-term value creation for patients and society, while supporting institutional performance [1].

In response, this study proposes the Health Marketing Theory, an integrative framework designed to enrich academic discourse and provide practical guidance for health institutions and policymakers, facilitating a balance among economic, human, and social dimensions. By offering a coherent model that unites ethical, digital, and sustainable dimensions, the theory addresses the conceptual fragmentation in existing literature and lays the foundation for further theoretical advancements.

This study makes several theoretical contributions to the health marketing literature. First, it advances the field by proposing the Health Marketing Theory as an integrative framework that transcends fragmented approaches to ethical, digital, and sustainable health marketing. Unlike existing models that address these dimensions in isolation, the proposed theory conceptualizes their interaction as a coherent system aimed at long-term value creation. Second, the study introduces the concept of Conscious Health Loyalty, which reconceptualizes patient loyalty as a value-based and knowledge-driven outcome rather than a purely behavioral or transactional response. By positioning patients as active partners in health value co-creation, the theory extends patient-centered marketing perspectives and provides a novel lens for understanding sustainable engagement in healthcare contexts

2. Literature Review

Health care marketing has evolved from traditional promotion- and advertising-focused approaches to more patient-centered strategies leveraging technological advancements. Early frameworks primarily aimed at disseminating health information, increasing service utilization, and enhancing institutional brand recognition [2]. While these models provided foundational knowledge, they often emphasized institutional objectives over patient needs, with limited attention to patient autonomy and underserved groups.

Subsequently, health marketing shifted toward improving patient experiences and encouraging preventive health engagement, enhancing interaction, service quality, and satisfaction [3]. Yet, some models remained focused on short-term promotional gains, neglecting long-term planning and social or environmental sustainability, revealing a gap in integrated marketing approaches.

Digital technologies introduced opportunities for personalization, interaction, and data-driven engagement. Social media, mobile applications, telemedicine, and patient portals enable tailored health messages, real-time monitoring, and enhanced service accessibility [4]. However, these advances pose challenges in data privacy, cybersecurity, and equitable access, necessitating ethical oversight to prevent patient exploitation [5].

Ethical health marketing emphasizes transparency, credibility, respect for patient autonomy, and accurate information delivery, strengthening patient-provider trust and improving adherence and satisfaction [6]. Sustainability adds another layer, aiming to create long-term societal value while minimizing environmental impact and promoting equitable health access [7]. Despite recognition of ethics, digitalization, and sustainability, most studies address them separately, highlighting the need for an integrated framework [8].

Despite the richness of existing health marketing frameworks, most remain conceptually fragmented. Social marketing emphasizes behavioral change for public good but often underplays digital engagement and sustainability considerations, and reviews show that health marketing research lacks comprehensive integration across traditional, digital, and analytical approaches, leaving gaps especially in digital engagement and evaluation [9]. Ethical marketing focuses on transparency and patient rights without sufficiently addressing technological mediation, while sustainable marketing and sustainable digital marketing research highlight the need to more fully integrate environmental and social responsibility into digital practices rather than treating sustainability as a separate concern [10]. Digital health marketing, on the other hand, concentrates on technological efficiency and personalization but frequently overlooks ethical safeguards and environmental responsibility, as frameworks for digital health marketing still struggle to balance patient privacy, equity, and broader societal impacts [11].

The Health Marketing Theory responds to these limitations by integrating ethical integrity, responsible digital transformation, and sustainability into a unified theoretical structure, thereby offering a more comprehensive explanation of patient engagement and long-term value creation in healthcare systems.

3. Theoretical Development Methodology

The study applied a Theoretical Development Approach to formulate a coherent and integrative conceptual framework addressing gaps in existing health marketing models. This approach involved three systematic stages:

3.1. Conceptual Abstraction: Distilling core constructs related to ethics, digital transformation, and sustainability from fragmented literature streams.

3.2. Theoretical Integration: Identifying relational linkages among these constructs and repositioning them within a unified logic of value creation.

3.3. Theory Construction: Synthesizing these elements into the Health Marketing Theory, enabling the formulation of theoretically grounded propositions and a transferable conceptual model applicable across diverse healthcare contexts.

4. Health Marketing Theory

The Health Marketing Theory proposes a holistic framework grounded in ethical, digital, humanistic, and sustainable principles [12]. Its core premise is achieving a triple balance among:
1. Organizational economic interests
2. Individual patient health and well-being
3. Societal and environmental sustainability [13]

Patients are regarded as active participants, with marketing communication being transparent, reliable, and accurate, supporting informed decision-making [14]. Digital transformation, including AI, telemedicine, mobile platforms, and interactive tools, enhances engagement, personalization, and transparency, while ethical and sustainable practices safeguard patient trust and social responsibility [15, 16].

The framework introduces "Conscious Health Loyalty," emphasizing value-driven patient engagement, guiding decisions through ethical, social, and environmental considerations [17]. The overall structure and causal logic of the proposed Health Marketing Theory are illustrated in Figure 1.
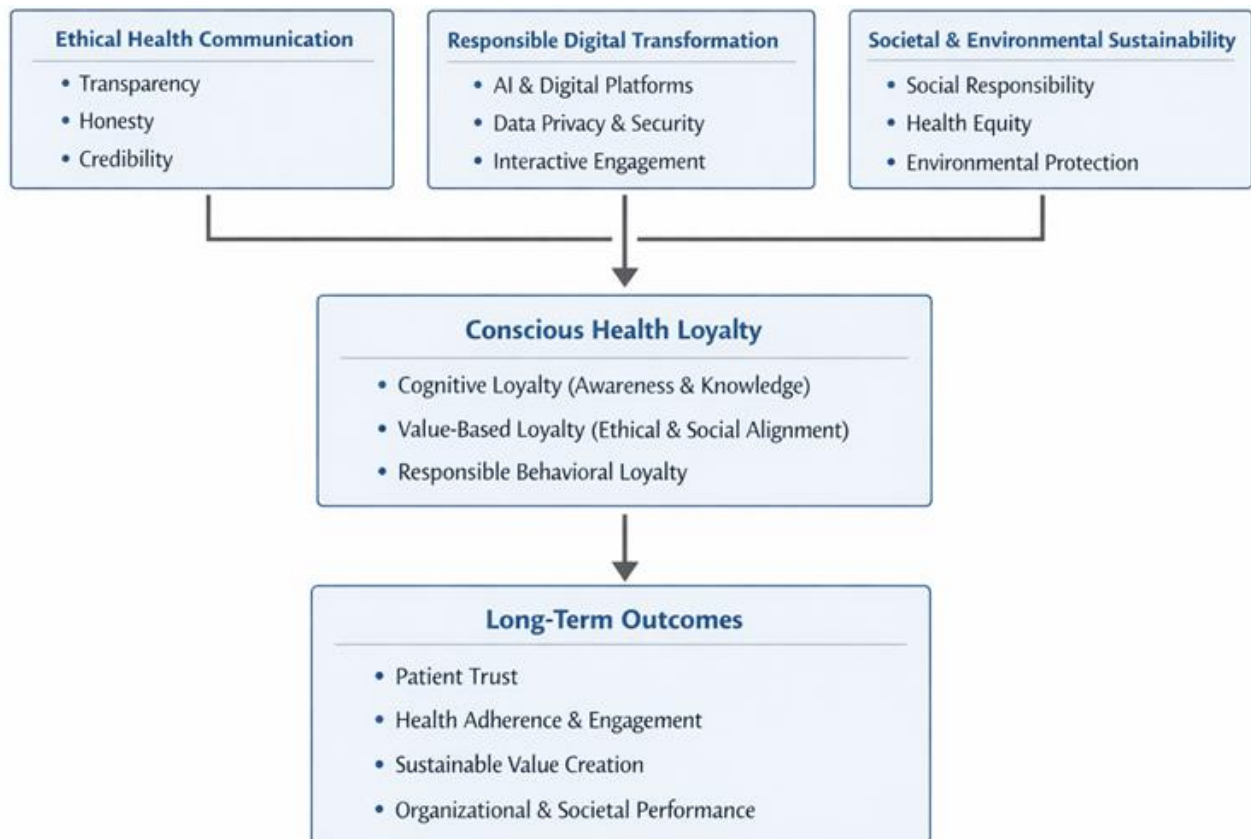
Fig 1: Conceptual Model of Health Marketing Theory

As shown in Figure 1, ethical health communication, responsible digital transformation, and societal and environmental sustainability act as interrelated antecedents that jointly influence conscious health loyalty. This form of loyalty, in turn, drives long-term patient engagement, trust, and sustainable organizational and societal outcomes.

Table 1 provides a detailed operationalization of the core constructs presented in Figure 1, including key dimensions, measurable indicators, and practical examples. This allows readers to understand how each theoretical component can be applied and assessed in real-world health marketing contexts.

Table 1: Conceptual Framework of Health Marketing Theory

Main Variable	Key Dimensions	Measurable Indicators	Practical Examples / References
Ethical Health Communication	Transparency, Honesty, Credibility	Clarity and accuracy of information; % of campaigns free from misleading claims; patient trust levels; number of complaints	Mayo Clinic's reliable content [18]; evidence-based anti-smoking campaigns [19]; patient satisfaction surveys [20]
Responsible Digital Transformation	Conscious use of AI, Interactive Platforms, Data Privacy	Adoption rate of digital health solutions; user satisfaction scores; data protection compliance; digital interactions per patient	AI for appointment prediction [21]; teleconsultation portals with strong data protection [22]; mobile apps like My Chart [23]
Societal and Environmental Sustainability	Social Responsibility, Environmental Protection, Health Equity	Number of community health initiatives; reduction in medical waste; accessibility for vulnerable groups; environmental impact of campaigns	Community vaccination programs [24]; hospital green initiatives [25]; environmental audits of campaigns [26]
Conscious Health Loyalty (Outcome)	Cognitive, Value-Based, Responsible Behavioral Loyalty	Frequency of visits; participation rate; decisions aligned with personal/community/environmental health; long-term adherence	Loyalty via preventive programs [27]; participation in campaigns [28]; adherence tracking [29]

Based on the conceptual framework in Figure 1 and the detailed constructs in Table 1, the following theoretical propositions are formulated to guide future empirical validation.

Proposition 1: Ethical health communication positively influences conscious health loyalty by enhancing patient trust and informed decision-making.

Proposition 2: Responsible digital transformation strengthens patient engagement through personalized, transparent, and secure health interactions.

Proposition 3: Sustainability-oriented health marketing practices foster long-term patient–institution relationships by aligning individual health goals with societal and environmental values.

Proposition 4: Conscious health loyalty mediates the relationship between integrated health marketing practices and long-term organizational and societal value creation.

5. Discussion

The theory addresses limitations in traditional models by emphasizing ethics, digital transformation, and sustainability. Ethical marketing ensures transparency and trust, digital platforms enable personalized and scalable engagement, and sustainability integrates social and environmental responsibility. "Conscious Health Loyalty" reframes patient engagement as value- and knowledge-driven, fostering adherence and long-term relationships. Practical applications include preventive health campaigns, digital health platforms, and community programs.

The Health Marketing Theory provides actionable guidance for healthcare managers and policymakers. Health institutions can utilize the framework to design marketing strategies that balance digital innovation with ethical responsibility and sustainability objectives. For managers, the model supports the development of transparent communication policies, responsible use of artificial intelligence, and patient engagement programs grounded in shared values. For policymakers, the theory offers a conceptual basis for regulating digital health marketing practices and promoting socially responsible health communication that enhances public trust and long-term system sustainability.

6. Limitations and Future Research

The framework requires empirical validation across diverse health care systems. Future research should employ cross-country studies, surveys, experiments, and longitudinal designs encompassing urban/rural settings and diverse demographics. Developing standardized constructs for core constructs and examining interactions with policies and infrastructures could enhance the framework's global relevance and practical utility.

7. Conclusion

The Health Marketing Theory offers a comprehensive framework integrating ethics, digital transformation, and sustainability. By promoting a triple balance between institutional, patient, and societal objectives, and introducing "Conscious Health Loyalty," it guides health institutions toward long-term value creation, operational efficiency, and socially responsible practices. It serves as a roadmap for both practice and future empirical research, supporting ethically responsible, digitally enabled, and sustainable health marketing strategies.

8. References

1. Dömbekci HA, Güzel Ş, Sağlam Ş, Ege K. The role of digital health technologies in the healthcare marketing process. Journal of Mehmet Akif Ersoy University Economics and Administrative Sciences Faculty. 2025;12(2):705-23.
2. Kotler P, Roberto N, Lee N. Social marketing: improving the quality of life. Thousand Oaks (CA): Sage Publications; 2002.
3. Yap SF, *et al*. A framework for preventive health marketing. J Strateg Mark. 2023;31(4):894-917.
4. Karaferis D, Balaska D, Polallis Y. Enhancement of patient engagement and healthcare delivery through the utilization of artificial intelligence (AI) technologies. Austin J Clin Med. 2024;9(2):1053.
5. Basnet R. Healthcare marketing strategies: traditional techniques, trends of today and technology for tomorrow. Pokhara (Nepal): National Open College; 2025. 24 p.
6. Makinde OA, Brown B, Olaleye O. The impact of medical tourism and the code of medical ethics on advertisement in Nigeria. Pan Afr Med J. 2014;19:1.
7. Haider M, Shannon R, Moschis GP. Sustainable consumption research and the role of marketing: a review of the literature (1976–2021). Sustainability. 2022;14(7):3999.
8. Alden DL, *et al*. Special topics session: social media for social good: how social media can positively influence sustainable consumption. In: American Academy of Advertising Conference Proceedings (Online); 2024; American Academy of Advertising; p. 52-55.
9. Jeevan TL, Krishna NS. A systematic review on the effectiveness of marketing tools, techniques, and strategies in the healthcare sector. Adv Consum Res. 2025;2:1643-55.
10. Bashar A, *et al*. Sustainable digital marketing (SDM): review, taxonomy, conceptualisation and future research avenues mapping. Qual Quant. 2025:1-26.
11. Dada SA, Adekola AD. Leveraging digital marketing for health behavior change: a model for engaging patients through pharmacies. Int J Sci Technol Res Arch. 2024;7(2):050-059.
12. Mantel J. Ethical integrity in health care organizations. J Law Med Ethics. 2015;43(3):661-5.
13. Zharlinska R, *et al*. The paradigm shift in healthcare marketing at the current stage of healthcare system transformation. 2025.
14. Preker AS, Harding A. The economics of public and private roles in health care: insights from institutional economics and organizational theory. Washington (DC): International Bank for Reconstruction and Development/The World Bank; 2000.
15. Mittler JN, *et al*. Making sense of "consumer engagement" initiatives to improve health and health care: a conceptual framework to guide policy and practice. Milbank Q. 2013;91(1):37-77.
16. Nasser QO, Al-Hadrawi BK. Thought leadership and its impact on reducing customer incivility: an analytical study in Al-Qasim general hospital/Iraq. In: AIP Conference Proceedings. AIP Publishing LLC; 2024. p. 080004.
17. Mendonça S, Piovesana GF, Pissolito V. Geoethics and sustainability: addressing challenges in environmental education for achieving the SDGs. Sustainability. 2025;17(2):574.
18. Pan J, *et al*. Role of health-consciousness on purchase intention of health and wellness food: the serial mediating effect of attitude and desire. Nutrients. 2025;17(5):746.
19. Sharma AE, *et al*. Patient engagement in community health center leadership: how does it happen? J Community Health. 2018;43(6):1069-74.
20. World Health Organization. WHO report on the global tobacco epidemic, 2025: warning about the dangers of tobacco. Geneva: World Health Organization; 2025.
21. Yun HS, Bickmore T. Online health information–seeking in the era of large language models: cross-

sectional web-based survey study. J Med Internet Res. 2025;27:e68560.

22. Topol E. Deep medicine: how artificial intelligence can make healthcare human again. London: Hachette UK; 2019.

23. Reich J, *et al*. The use of an EHR patient portal (Mychart-Epic) in patients with inflammatory bowel disease. Crohns Colitis 360. 2019;1(3):otz039.

24. Barbieri C, *et al*. From electronic health records to clinical management systems: how the digital transformation can support healthcare services. Clin Kidney J. 2023;16(11):1878-84.

25. Kalantari N, Borisch B, Lomazzi M. Vaccination—a step closer to universal health coverage. J Public Health. 2022;30(3):649-53.

26. Lee SM, Lee D. Effective medical waste management for sustainable green healthcare. Int J Environ Res Public Health. 2022;19(22):14820.

27. Jenifer RD, Vettriselvan R, Saxena D, Velmurugan PR, Balakrishnan A. Green marketing in healthcare advertising: a global perspective. In: AI impacts on branded entertainment and advertising. Hershey (PA): IGI Global Scientific Publishing; 2025. p. 303-26.

28. Anggraini RD. The influence of service quality and facilities of community health centers on the loyalty of prolanis patients mediated by patient satisfaction at the Manis Jaya community health center. Journal of Management and Administration Provision. 2025;5(1):156-65.

29. Chukwukwe EU, Deigh C, Nwaogwugwu CJ, Nwankwo JC, Chukwuemeka US. Eco-friendly nanocomposites for the degradation of emerging contaminants in wastewater systems. Asian J Adv Res Rep. 2025;19(8):256–281.

30. Astutik WD, Sadiyah VK, Siswanto DH. Counseling on clean and healthy living behavior in improving public health levels. Journal of Social and Community Development. 2025;2(01):38-50.

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