

EXPLORING HEALTHCARE EXCELLENCE: A COMPREHENSIVE ANALYSIS OF MEDICAL TOURISM IN DELHI & NCR, INDIA

Hunsil Nisa

Department of Tourism & Hospitality, Mangalayatan University, Beswan, Aligarh, UP, India

Dr. Satendra Kumar Sharma

Mangalayatan University, Beswan, Aligarh, UP, India

Abstract

Background: The global landscape of medical tourism has witnessed a significant shift with India emerging as a prominent destination. Understanding these factors is crucial for healthcare providers, policymakers, and marketers to optimize strategies and enhance the country's position in the competitive medical tourism sector.

Research Methodology: The survey collected responses from 100 individuals seeking medical treatment in Delhi & NCR through convenience sampling.

Findings: This survey explores key factors influencing the choice of India, with a focus on Delhi & NCR, as a medical tourism destination. Respondents identified cost-effectiveness, high-quality healthcare, advanced technology, and recommendations as crucial considerations. The reputation of medical facilities, specialized expertise, and infrastructure emerged as pivotal aspects in decision-making. While a majority perceived India's overall reputation positively, a significant percentage expressed concerns.

Keywords: *Medical tourism, Delhi-NCR, Medical infrastructure, Healthcare*

Introduction

Healthcare travel has become a major phenomenon in the last few years, causing a considerable upheaval in the international care scene. This paradigm shift has prompted individuals to seek healthcare services beyond their national borders, driven by factors such as cost-effectiveness, high-quality medical care, and advanced treatment options. Among the burgeoning destinations for medical tourism, Delhi and the National Capital Region (NCR) in India have emerged as key hubs, offering a unique blend of world-class healthcare facilities, skilled medical professionals, and a rich cultural experience (Malhotra, N., & Dave, K. 2022). The allure of Delhi & NCR as a medical tourism destination is underscored by the region's robust infrastructure, state-of-the-art hospitals, and a diverse range of medical specialties. Patients from across the globe are increasingly drawn to the prospect of availing themselves of cutting-edge medical treatments while experiencing the rich cultural heritage that the region has to offer (Dhodi, K., et al 2014). Against this backdrop, a comprehensive analysis of medical tourism in Delhi & NCR becomes imperative to unravel the intricacies of this dynamic phenomenon. This research endeavors to delve into the multifaceted aspects of healthcare excellence in Delhi & NCR, shedding light on the key hospitals that stand out as leaders in providing exceptional medical services to international patients. The exploration encompasses an in-depth examination of the factors that contribute to the region's

attractiveness as a medical tourism destination, including cost advantages, technological advancements, and the reputation of healthcare institutions.

Objectives of the Study

- To identify Key Influencing Factors for “Choosing India as a Medical Tourism Destination”
- To evaluate the Role of Medical Facilities in Delhi & NCR in Medical Tourism Decision-Making
- To find out Medical Infrastructure India and Growth of medical tourism in India

Literature Review

(Moghavvemi, S., et al 2017) conducts a focused analysis on the online strategies employed by private hospitals in India, Malaysia, and Thailand to promote medical tourism. The study scrutinizes the content and approaches utilized on hospital websites to engage prospective medical tourists, aiming to understand how these hospitals leverage online platforms to attract and connect with international patients. With medical tourism gaining traction globally, particularly in India, Malaysia, and Thailand, the research underscores the crucial role of online presence and marketing strategies in enhancing the appeal of these destinations.

“(Gautam, P. and Bhatta, K., 2020)” exploration into medical tourism in India focuses on alternative medical treatments. The study delves into the potential and challenges associated with seeking alternative therapies, such as Ayurveda and yoga, for international medical tourists. Acknowledging India's prominence in the global medical tourism industry, the research emphasizes the diverse array of medical treatments, including alternative therapies, offered by the country. While highlighting the rising popularity of alternative treatments, the study calls for empirical research to investigate the actual experiences and outcomes of international patients seeking these therapies.

(Amiri, M., & Safariolyaei, N. 2017) provide an overview of the current scenario of medical tourism in India, emphasizing its growing prominence. The study highlights factors contributing to India's appeal, such as cost-effectiveness, high-quality healthcare, skilled professionals, and a diverse range of medical treatments. While acknowledging India's favorable combination of these elements, the research suggests a more comprehensive analysis of the socioeconomic impact of medical tourism. This includes exploring implications on the local economy, job creation, infrastructure development, and social aspects. The study proposes a comparative analysis of medical tourism in India with other popular destinations, aiming to provide valuable insights into India's competitive advantage and areas for improvement.

Methodology

The research adopted a quantitative approach to conduct a comprehensive analysis of medical tourism in Delhi & NCR, focusing on stakeholders such as doctors, patients, and staff at Medanta Hospital Gurgaon. Convenient sampling was employed, and data was collected through a structured questionnaire from 100 participants. The survey instrument focused on variables such as healthcare quality, cost-effectiveness, accessibility, and overall satisfaction, utilizing Likert scales and closed-ended questions for quantitative analysis.

Data Analysis

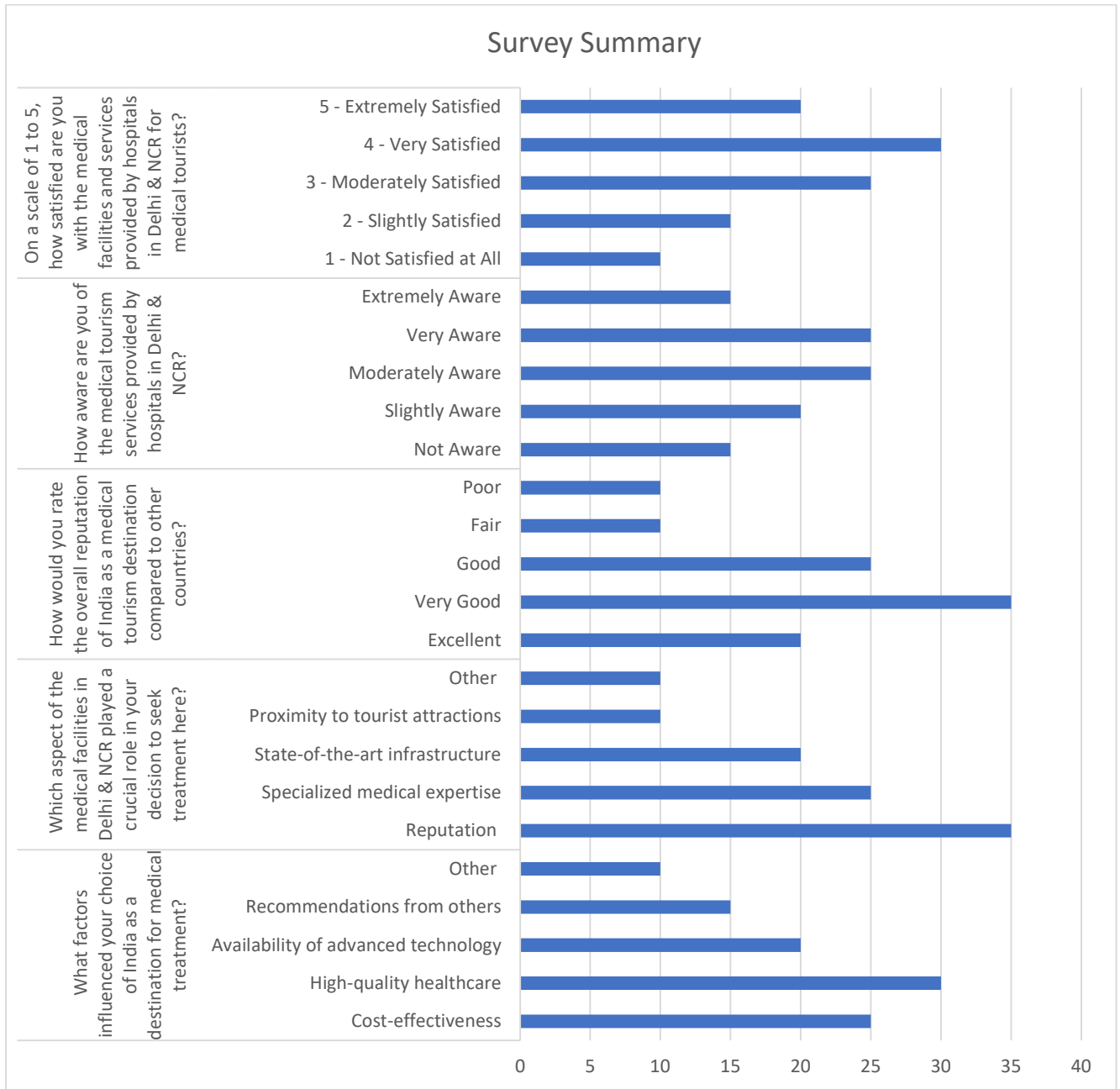


Fig. 1 Survey Findings Representation

4.1 What factors influenced your choice of India as a destination for medical treatment?

Table 1: Frequency Distribution of Factors influencing choice of India as a destination for medical treatment

Factors	Frequency	Percentage	Cumulative Percentage
Cost-effectiveness	25	25%	25%
High-quality healthcare	30	30%	55%
Availability of advanced technology	20	20%	75%

Recommendations from others	15	15%	90%
Other	10	10%	100%

The prominence of cost-effectiveness (25%) and high-quality healthcare (30%) as key influencers suggests that individuals are not only seeking affordable options but also prioritizing the quality of medical services. The 20% who emphasized the availability of advanced technology indicates a recognition of the importance of cutting-edge medical infrastructure. Moreover, 15% relying on recommendations from others highlights the impact of word-of-mouth in the decision-making process.

4.2 Which aspect of the medical facilities in Delhi & NCR played a crucial role in your decision to seek treatment here?

Table 2: Frequency Distribution of Aspects of Medical Facilities

Aspects	Frequency	Percentage	Cumulative Percentage
Reputation	35	35%	35%
Specialized medical expertise	25	25%	60%
State-of-the-art infrastructure	20	20%	80%
Proximity to tourist attractions	10	10%	90%
Other	10	10%	100%

The emphasis on reputation (35%) underscores the significance of the perceived image and trustworthiness of medical facilities in Delhi & NCR. Specialized medical expertise (25%) and state-of-the-art infrastructure (20%) reflect a demand for advanced medical capabilities. The consideration of proximity to tourist attractions (10%) suggests that, for some, the location's appeal extends beyond medical factors.

4.3 How would you rate the overall reputation of India as a medical tourism destination compared to other countries?

Table 3: Frequency Distribution of overall reputation of India as a medical tourism destination compared to other countries

Reputation Rating	Frequency	Percentage	Cumulative Percentage
Excellent	20	20%	20%
Very Good	35	35%	55%
Good	25	25%	80%
Fair	10	10%	90%
Poor	10	10%	100%

The majority of respondents (55%) rated India's overall reputation as "Very Good" or "Excellent," indicating a positive perception of the country as a medical tourism destination. However, it's noteworthy that 20% considered it "Fair" or "Poor," highlighting potential areas for improvement in promoting and sustaining a positive reputation.

4.4: How aware are you of the medical tourism services provided by hospitals in Delhi & NCR?

Table 4. Frequency Distribution of Awareness Level of medical tourism in Delhi NCR

Awareness Level	Frequency	Percentage	Cumulative Percentage
Not Aware	15	15%	15%
Slightly Aware	20	20%	35%
Moderately Aware	25	25%	60%
Very Aware	25	25%	85%
Extremely Aware	15	15%	100%

The distribution of awareness levels, with 25% being moderately aware and another 25% being very aware, signals a moderate to high level of awareness regarding medical tourism services in Delhi & NCR. Nevertheless, the 15% who reported being not aware and the 20% with slight awareness indicate room for increasing visibility and information dissemination about the services offered.

4.5: On a scale of 1 to 5, how satisfied are you with the medical facilities and services provided by hospitals in Delhi & NCR for medical tourists?

Table 5: Frequency Distribution of Satisfaction with medical facilities and services provided by hospitals in Delhi & NCR for medical tourists

Satisfaction Level	Frequency	Percentage	Cumulative Percentage
1 - Not Satisfied at All	10	10%	10%
2 - Slightly Satisfied	15	15%	25%
3 - Moderately Satisfied	25	25%	50%
4 - Very Satisfied	30	30%	80%
5 - Extremely Satisfied	20	20%	100%

The satisfaction levels reflect a generally positive sentiment, with 80% expressing satisfaction to some degree. The concentration of responses in the "Moderately Satisfied," "Very Satisfied," and "Extremely Satisfied" categories suggests that the majority find the medical facilities in Delhi & NCR meeting or exceeding their expectations.

Correlational Analysis

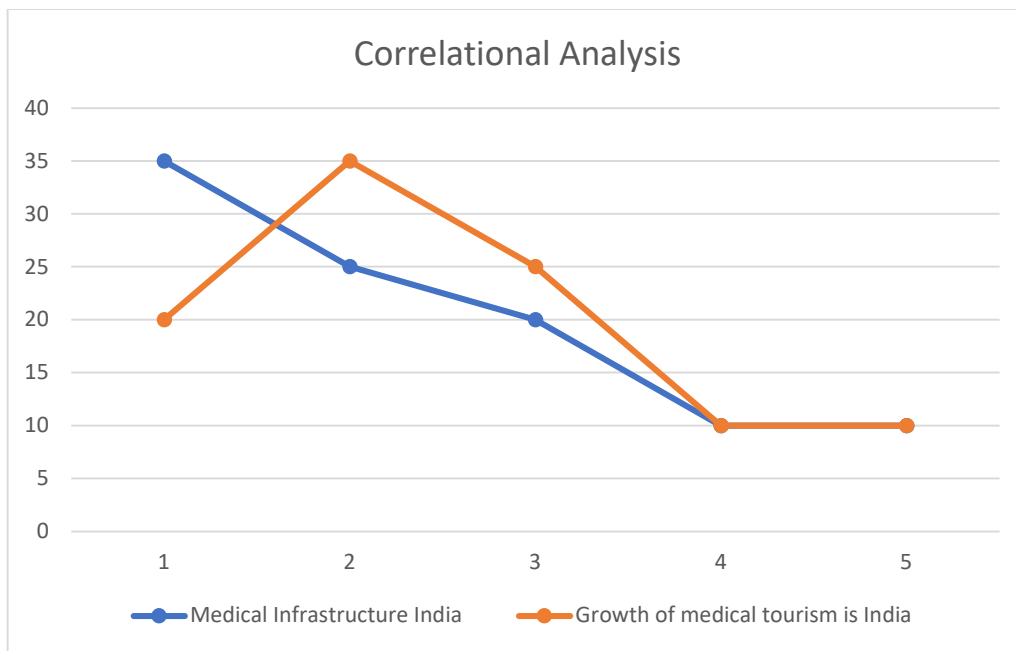


Fig 2. Correlation Analysis

Table 6: Correlation between Medical Infrastructure India and Growth of medical tourism in India

	Medical Infrastructure India	Growth of medical tourism in India
Medical Infrastructure India	1	
Growth of medical tourism in India	0.611111	1

A positive correlation coefficient of 0.61111111 suggests a moderate positive relationship between the state of medical infrastructure in India and the growth of medical tourism in the country. In practical terms, this correlation implies that as the quality and capacity of medical infrastructure in India improve, there tends to be a corresponding positive impact on the growth of medical tourism. It suggests that a well-developed and advanced medical infrastructure could be a contributing factor to the increased attractiveness of India as a destination for medical treatments.

Discussion

The survey findings on medical tourism in India, particularly focusing on Delhi & NCR, reveal several interesting insights into the factors influencing individuals' choices, the crucial aspects considered, overall reputation, awareness levels, and satisfaction with medical facilities. The survey suggests that promoting the cost-effectiveness, high-quality healthcare, and advanced technology in medical facilities could attract more individuals to choose India for medical treatment. Enhancing and maintaining the reputation of medical facilities is crucial for attracting medical tourists, and efforts should be made to address any concerns raised by the 20% who rated the reputation as "Fair" or "Poor." Increasing awareness about the medical tourism services offered in Delhi & NCR is essential to tap into a broader audience. Continuous efforts to improve and

innovate medical services can contribute to higher satisfaction levels and positive word-of-mouth, further enhancing India's position as a medical tourism destination.

Conclusion

The survey findings provide valuable insights into the dynamics of medical tourism in India, particularly focusing on Delhi & NCR. The factors influencing individuals' choices reveal a multifaceted decision-making process, with a balance between cost-effectiveness, high-quality healthcare, advanced technology, and recommendations from others. The emphasis on the reputation of medical facilities in the region, coupled with considerations of specialized medical expertise and state-of-the-art infrastructure, underscores the importance of a comprehensive and well-established healthcare ecosystem. A large number of the poll participants rated India as having an excellent reputation overall regarding health tourism, which suggests that "Very Good" or "Excellent." However, there is a notable percentage expressing a perception of "Fair" or "Poor," suggesting areas for improvement in marketing and addressing potential concerns. Awareness levels about medical tourism services in Delhi & NCR show a mixed distribution, with a significant proportion moderately to very aware, but notable segments reporting slight or no awareness. This highlights the need for targeted efforts to enhance visibility and communication regarding the medical services available in the region. Satisfaction levels with medical facilities in Delhi & NCR are generally positive, with a majority expressing varying degrees of satisfaction. This positive sentiment bodes well for the region's continued growth as a medical tourism hub. The correlation between the quality of medical infrastructure in India and the growth of medical tourism reinforces the idea that ongoing investments in healthcare facilities and technological advancements contribute to the country's appeal as a destination for medical treatment. In light of these findings, stakeholders in the medical tourism sector, including healthcare providers, policymakers, and marketing professionals, should consider targeted strategies to address specific concerns, improve awareness, and continually enhance the overall quality of medical services. By doing so, India, particularly Delhi & NCR, can further solidify its position as a preferred and competitive destination for medical tourists worldwide.

References

- Malhotra, N., & Dave, K. (2022). An assessment of competitiveness of medical tourism industry in India: a case of Delhi NCR. *International Journal of Global Business and Competitiveness*, 17(2), 215-228.
- Dhodi, K., Uniyal, M., & Sharma, M. S. (2014). Trends and Scope of Medical Tourism: Case Study of Delhi NCR, India. *International Research Journal of Business and Management-IRJBM*, 13-25.
- Moghavvemi, S., Ormond, M., Musa, G., Isa, C.R.M., Thirumoorthi, T., Mustapha, M.Z.B. and Chandy, J.J.C., (2017). Connecting with prospective medical tourists online: A cross-sectional analysis of private hospital websites promoting medical tourism in India, Malaysia and Thailand. *Tourism Management*, 58, pp.154-163

- GAUTAM, P. and BHATTA, K., (2020). Medical Tourism in India: Possibilities and problems of alternative medical treatment. *International Journal of Health Management and Tourism*, 5(3), pp.181-207.
- Amiri, M., & Safariolyaei, N. (2017). Medical tourism in India: current scenario. *International Journal in Management & Social Science*, 5(3), 106-111.