Identifying the themes of medical tourism business in Iran: A systematic review

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Abstract:

BACKGROUND: Nowadays, medical tourism reports impressive growth in terms of number of persons, income, and number of countries involved in cross-border flows. It refers to people traveling abroad (from home to a target country) to obtain medical treatment. The present study aimed to identify the themes and codes of the medical tourism business in Iran.

MATERIALS AND METHODS: We searched international databases (such as PubMed, Scopus, Embase, and Web of Science) and Iranian bibliography thesaurus and repositories (namely, Scientific Information Database and Magiran) using keywords such as medical tourism, international medical travel, and medical tourism business in the English and Persian literature, published between January 2000 and December 2019, identified with no restriction on the type of the studies. The data were analyzed based on the content analysis method.

RESULTS: Out of 1054 articles, 14 were finally selected. In the end, eight themes of the medical tourism business including competitive pricing, safety and security, information and communication technology, labor market and human resources, structure management, leading the way in medical tourism, infrastructure, and exchange with the international world were identified which on the whole contain 45 codes. Most of the articles were quantitative. Four of the themes (competitive price, labor market and human resources, structure management, and infrastructure) were most frequent and of the highest importance.

CONCLUSION: The themes and codes identified in this study helps companies and individuals who want to work in the field of medical tourism. According to this study, all 8 themes and 45 codes are of high value, but still, some themes are of higher value than others and special attention should be paid to them.

Keywords: Business, Iran, medical tourism, systematic review

Introduction

Tourism is one of the most important economic activities around the world, which has significant direct impacts on the countries’ gross domestic product (GDP) and accounts for more than 9.5% of the countries’ GDP.[1]

The tourism industry is undergoing a substantial change. The advance in new technologies and a skilled and demanding consumer target means that the organizations and destinations need new marketing and management tools to meet the modern tourists’ expectations and the industry’s requirements for innovation.[2]

According to the latest report on Travel and Tourism Competitiveness in 2017, Iran is located 93rd out of 136 countries in terms of competitiveness of the tourism industry. Among Iran’s competitive pillars, the best performance belongs to the price competitiveness pillar, ranking as the top one. Moreover, the weakest performances...
belong to environmental sustainability pillar, ranking as 119, and prioritizing travel and tourism pillar, ranking as 117.[9]

In recent years, medical tourism has become one of the fastest-growing industries in the world.[14] It is estimated that the income of every case of medical tourism is three times that of a typical tourist.[15]

The following items can be listed as the main reasons for people’s travel to other countries: healthcare, consumer values changing, population aging and increasing need for healthcare, high costs of treatment in the home country, and the possibility of taking a vacation while receiving treatment.[6,7]

The number of patients in India, Malaysia, Taiwan, and South Korea in 2017 was 495,056, 150,000, 1,414,000, and 321,574, respectively.[8-12] Given the growing number of international medical tourists in Asia and the Pacific, the region’s market revenue was worth $4.8 billion a year.[13]

In contrast to other countries, while the cost of Iran’s medical services is very low, its quality and its equivalence with the latest methods of medical science in the world are the most important reasons that can promote medical tourism in Iran. However, statistics show that our country has not yet made much progress in this area[14] and is severely weak in attracting domestic and foreign tourists.[15]

Considering the themes of new businesses in the health-care sector in various countries, many benefits include improving the quality of medical services, increasing efficiency, reducing costs, and increasing revenue.[16-21]

Medical tourism, like many other businesses, should be profitable. One of the essential codes of a medical tourism business model is the cost and, on the whole, revenue stream.[22,23] By examining the benefits of new technology on the tourism business, Law and Huang have stated that as an essential combination to tourism, a hospital needs to pay more attention to its business model and revise its main and strategic processes.[24]

Zott and Amit have said that business executives have also sought to change the elements of their business model to gain a competitive position. New business models should focus on value chains, support activities, and how to generate revenue.[25]

Kimble has argued that the business model can be used by researchers and regulatory agencies to assess the opportunities and risks of medical travels and help medical tourism service providers to develop international programs.[26]

Despite the conducted studies, statistics show that there has been no business tourism research in the country so far. Taking into account the numerous capacities for attracting medical tourists,[14] the severe weaknesses in attracting foreign tourists,[15] and the lack of a proper framework for medical tourism business, this study aims to identify the main codes of medical tourism business through a systematic review in Iran.

Materials and Methods

This systematic review adhered to the “Preferred Reporting Items for Systematic Reviews and Meta-Data Analysis” guidelines.[27]

Literature search

Several scholarly international databases, namely the PubMed, Scopus, Web of Science, as well as Iranian bibliographic thesaurus and repositories (namely, Scientific Information Database and Magiran), and databases using simple search terms “medical tourism” or “business model in medical tourism” or “medical travel” OR “wellness tourism” (to ensure that all pertinent citations were searched), along with searching the reference lists of identified articles for additional pertinent articles. The entire review process took place between September 2018 and January 2019.

Study selection

The selection process electronic search results collected were in an Endnote library (for de-duplication of records). Finally, 14 studies were extracted for study.

First, one of the authors (NK) screened all article references based on title and abstract to identify potentially eligible articles, and another author (ST) independently cross-checked the initial results on the basis of the following inclusion criteria:

Only studies that concern medical tourism/business medical tourism were included in the selection. The aim is to identify codes that are important in medical tourism. The reasons why patients seek medical care abroad were not of interest. Original researches were a case study, and we excluded conference proceedings, commentaries, editorials, and letters. Moreover, we gather English or Persian language articles and excluded articles published in other languages.

Methodological quality assessment

Then, two of the authors (ST and NK) independently screened remaining articles’ complete full text to confirm eligibility and then independently rated the included studies using Critical Appraisal Skills Programmer checklists as a quality appraisal tool. Inter-rater reliability (for both study selection and quality appraisal
processes) was assessed applying the Kappa statistic. Substantial agreement was observed between raters for the full-text review and quality appraisal of the included articles. Whenever one of them was doubtful about eligibility or quality, an agreement was reached through discussion.

Data extraction
A data extraction form was designed before data collection. One author (NK) independently extracted study characteristics (name of the first author, publication year, country, study design, and research objective) as well as key findings related to the business model of tourism medical to a destination country from included articles, and another reviewer (ST) verified the data extracted. In any event of disagreement between them, the consensus was reached through discussion and using a third reviewer (KA) as required. For mixed-methods studies, we extracted only the qualitative components.

Data synthesis
The collected data were analyzed using the content analysis method, which is a way of identifying, analyzing, and reporting themes within a particular. Data were reviewed several times for familiarization. There was no specific grouping before the analysis, and codes and themes were developed according to their repetition within the text. The analysis and coding steps consisted of getting familiar with the data by reading it several times, identifying and extracting primary codes, merging the codes to build themes, reviewing and completing the themes, naming and defining the themes, and assuring reliability of the codes and themes by reaching an agreement between the two coders.

Results
Our search strategy resulted in 1054 records; the number of records after screening titles and abstracts was 595, 93 full-text articles were reviewed, and finally, 14 studies were chosen to be included in this systematic review. All eligible articles were considered to be of good quality. The search and selection studies are pictorially shown in Figure 1.

The themes and codes related to medical tourism business were extracted as it follows and the numbering are based on Tables 1 and 2 and Figure 2.

Theme 1: Competitive price
One of the most important factors in attracting medical tourism is price. Given the fact that Iran is in a boycott situation, so its price is very competitive (1, 3–10, and 14–12). In addition to the cost of healthcare, the price of amenities is also important to the patient (3, 5, 7, and 13).

Medical tourists are dissatisfied with the lack of price transparency. The manner and amount of payment should be clear, and there should be no weakness in the financial transaction system (3 and 12). On the other hand, it is important for the senior authorities to standardize the costs of healthcare and tourism (14).

Theme 2: Safety and security
A foreign patient wants a peaceful country for healthcare (8). To protect his/her privacy, the patient chooses a country free from crime, corruption, and terrorist incidents, a country that its laws will protect him/her (1, 2, 8, and 5). He/she also wishes confidentiality between himself/herself and his/her physician (8).

Theme 3: Information and communication technology
In recent decades, with the advances made in all businesses, medical tourism and hospitals are expected to equip themselves with high technology and high bandwidth internet (1, 13, and 14). Using ICT is important in the process of recruitment, marketing, and transactions (4, 10, and 12). On the other hand, since the moment of deciding to choose the destination country until his/her return to his/her home country, the patient expects to be supported via the internet and it is necessary to take effective steps (3 and 7).

Theme 4: Labor market and human resources
A successful business needs committed and competent people, and medical tourism is no exception (1–9 and 13). Medical tourism staff should get the necessary training and be able to communicate well with the patient (1, 4, 5,
| Row | Authors (years) | Title                                                                 | Type of study | Audience/ location | Purpose of the study                                                                 | Findings regarding this study                                                                                                                                                                                                                                                                                                                                 | Conclusions and suggestions for future studies                                                                                           |
|-----|----------------|----------------------------------------------------------------------|---------------|--------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| 1   | Singh (2013)   | Exploring the codes influencing the travel motivations of US medical tourists | Web-based quantitative electronic surveys | American tourists | Examining the codes that medical tourists in the United States consider when choosing a destination country | Medical facilities and services (medical costs, privacy of medical records, accreditation of medical facilities, ratio of patients and medical staff, privatization of facilities, diversification of specialized services), highly trained medical staff, fluency of medical staff in English, licensure of medical staff, availability of medications, safety of medication quality; Quality of hotels and food and beverages (accommodation costs, food and beverage costs, hospital staff, availability of internationally renowned hotels, spa treatments, proximity of hotels to hospitals, dietary accommodations in hotels, dietary accommodations in hotels and food and beverage outlets, availability of internet access, availability of traditional treatments, exercise and workout facilities); Tourism supply of the international destination (general costs of tourist's attractions, fluency of the general public or host community in English, airport services, local transportation services, reliability of public services, safety from crime, local political stability, technological advancement in the destination, weather appeal, destination appeal (sights, seeing, culture, etc.), attitude of locals toward Americans, receptive nature of locals to Americans); Governmental policies and laws (political stability of the country, legal protection of patients, legal system for malpractice, safety laws, access to money/credit, currency fluctuations, tax system) | Major factors that impact the medical tourist's trip: Medical facilities and services; hotel accommodations and food and beverage; the general tourism supply; and governmental laws and policies at the international destination. Further research needs to be conducted to further our understanding of both supply and demand of this type of tourism. It is hoped that more qualitative and quantitative studies can be conducted so that this territory can be mapped further. |
| 2   | Martínez Álvarez et al. (2011) | The potential for bi-lateral agreements in medical tourism: A qualitative study of stakeholder perspectives from the UK and India | Qualitative | India and UK | How to collaborate on medical tourism in India and UK | Government support, infrastructure, medical personnel competence, entrepreneurial facilitators of this process and political stability of the country, quality of hospital services, regulation and litigation procedures, lack of continuity of care | Policymakers should consider medical tourism as an option to improve their health services. It is suggested to research in the field of medical tourism marketing, service pricing, various forms of agreements. |
| 3   | Mona et al. (2011) | Hospital ability to attract international patients: A conceptual framework | Studying the hybrid method | Medical and tourism experts (15 people) participated | Propose a model to assess the ability of hospitals in attracting foreign patients | Resource-based view hospital attributes (hospital reputation, employees, especially physicians), type of hospital (teaching, general or specialty), hospital size (the number of beds in the hospital), the number of countries that the hospital is promoting its services in, and the number of referral | A set of complementary hospitals with effective synergy can attract medical tourism by using appropriate synergy. Every country must rely on its capabilities to attract medical tourism. |
| Row | Authors (years) | Title | Type of study | Audience/ location | Purpose of the study | Findings regarding this study | Conclusions and suggestions for future studies |
|-----|-----------------|-------|---------------|-------------------|----------------------|-------------------------------|-----------------------------------------------|
| 4   | Maboodi and Hakim (2016) | Determinant codes on medical tourism (case study: Iran) | Descriptive-analytic | 30 academic specialists in the field of tourism and medical tourism, doctors and hospital managers | Identifying and prioritizing internal codes that affect the attractiveness of medical travelers | Modern medical equipment, quality of medical services, well-trained and qualified staff, good recreation centers, brand positioning, diversification of medical services, national medical tourism coordination center, service prices, catering services, accommodation services, good publicity, transportation system, and the elimination of the cumbersome bureaucracy | In this research, the emphasis is on quality and compliance with standards, and the price factor is the second priority. On the other hand the paper suggests the following factors: Medical resources, improving communication, skills integrated management |
| 5   | Morovati-Sharifabadi and Asadian-Ardakani (2014) | Presentation of health tourism development model with fuzzy tops is integrated approach and interpretative structural modeling in Yazd Province | Quantitative (interpretive structural modeling) | Yazd Province | Providing a comprehensive framework for identifying and surveying direct and indirect impacts of any codes affecting the development of the tourism industry health of Yazd Province | Staff accountability, good physician-patient relationship, up-to-date knowledge of medical staff, English speaking medical staff, low cost medical services, facilities, electronic payment, tourist attractions for medical travelers, good communication mechanism, security, warm residents, quality of medical services, modern medical equipment, high standards of hospitals and medical centers, international health insurance, tourist attractions, criminal proceedings, hotels near medical providers, low-cost transportation | This study show that health tourism and its development in Yazd province needs to satisfy patients requirement. This will be possible by investing in equipping and updating hospitals and developing the skills of hospital staff. The model designed in this research can be validated using statistical methods such as structural equations and path analysis. Further, the proposed model can be extended using techniques such as meta-synthesis. |
| 6   | Anabestani and Anabestani (2015) | Codes affecting in choosing of Mashhad as a medical tourist | Descriptive-analytic: Questionnaire-based survey | Medical tourism | Identifying the codes affecting the selection of Mashhad as | Low-cost medical services, access to advanced medical equipment, medical professionals, access to rare drugs, high-quality medical facilities | The city of Mashhad has potential advantages with respect to health tourism including competitive price and |
| Row | Authors (years) | Title | Type of study | Audience/ Location | Purpose of the study | Findings regarding this study | Conclusions and suggestions for future studies |
|-----|----------------|-------|---------------|--------------------|---------------------|-------------------------------|---------------------------------------------|
| 7   | Bayat et al. (2015) | Attracting codes identification of medical tourists in hospitals of Tehran City | Quantit (questionnaire) | Medical tourism specialists | Identifying the health tourism status in Iran from two aspects of destination characteristics and characteristics of health centers | Effective advertising, religious centers, business and leisure centers, affordable housing Short waiting list, warm hospitality of locals, good behavior of medical staff, hotel amenities Hospital credibility: Internationally accredited hospitals, international reputation of hospitals, international reputation of medical experts, and websites Cost: Affordable medical expenses, affordable accommodation and travel expenses, diverse package of services, and low-cost recreational activities Quality of care: High-quality medical equipment, short waiting times, and medical staff skilled in using advanced medical equipment Hospital staff training: Highly trained medical staff, medical tourism courses for medical staff, and knowledge of the cultural backgrounds of different countries Situation and political environment: Supervisory policy in medical tourism, provision of special insurance for international patients, effective medical records of foreign patients, easy travel arrangements, and close collaboration with different parts of the country to attract foreign patients | According to this study, political and economic stability, medical tourism infrastructure are effective in attracting medical tourism Identifying other factors and challenges in the development of medical tourism is recommended. |
| 8   | Abd Manaf et al. (2015) | Country perspective on medical tourism: The Malaysian experience | Case study/ Questionnaire | International patients (the majority of whom were Indonesians) | Explore the perception of international patients in Malaysia as a medical tourism destination country | Five themes were evaluated for future intention and to predict satisfaction of non-Malaysian patients Hospital and staff: International hospital accreditation, recognized hospital reputation, high-standard level of medical staff, ease of medical treatment arrangements, high-standard level of medical facilities, recognized reputation of physicians, western experienced/trained physicians, tourists safety from crime and terrorist attack, shorter waiting time for medical service than in your country Country factor: Ease of travel arrangements, ease of visa and immigration procedures, ease of accessibility from your country, friendliness and helpfulness of the local people, no language barriers in traveling in Malaysia, political stability Combining tourism and health services: Great place | The most important factor in attracting foreign patients to Malaysia is standard hospitals and good staff |
| Row | Authors (years) | Title | Type of study | Audience/ location | Purpose of the study | Findings regarding this study | Conclusions and suggestions for future studies |
|-----|----------------|-------|---------------|--------------------|----------------------|-------------------------------|---------------------------------------------|
| 9   | Nemati et al. (2016) | Assessing barriers to the development of medical tourism | Case study | Ardabil | Investigating barriers to medical tourism development | Barriers to information and marketing systems, policy, legislation and infrastructure barriers, product and quality development barriers, government attitude barriers, human resource barriers, social, cultural, and economic barriers | It is necessary to pay attention to the following factors: ICT, marketing, policy and legislation, infrastructure, service quality, government attitude, human resource, sociocultural and economic barriers |
| 10  | Goodarzi et al. (2014) | Development of medical tourism in Shiraz | Surveying cross-sectional | Shiraz Metropolis | Aiming at planning and development of medical tourism in Shiraz Metropolis (with emphasis on medical tourism) | Taking the following measures will promote medical tourism in Shiraz Metropolis: Transparency in the prices of health services and tourism, enhancing the quality of health services and tourism, enhancing the culture of tourism, utilizing medical and tourism facilities, services and equipment with high technology and international standards, and utilizing information and communication technology for advertising and marketing in medical and tourism fields | The research showed that the facilities, capabilities, and medical tourism equipment are key factors in barriers of developing medical tourism |
| 11  | Jabbari et al. (2012) | Current medical tourism in Iran: A case study | Qualitative | Whole country | Aimed to show the current status of medical tourism in Iran | Iran faces some challenges in the terms of basic and medical infrastructure, efficient government support, having a well-established medical tourism development plan, cross-sectoral and operational coordination, having internationally accredited healthcare providers, promoting and coherent marketing | Iran must be able to use its capabilities to achieve the goals of medical tourism in the Iran Vision 1404 document |
| 12  | Maleki and Tavangar (2016) | Analyzing health tourism challenges in Mashhad from the perspective of foreign patients | Surveying cross-sectional | Selected hospitals of Mashhad | Surveying the Mashhad health tourism status from the perspective of foreign patients and identifying the weaknesses | Weak marketing and notifying systems in Mashhad’s admissions and treatment processes, weak electronic patient admission system, weak financial transaction system in hospitals for paying the costs, lack of foreign language support in hospitals, lack of comprehensive health tourism packages, and problems concerning the obtaining a visa and inter-city transport | In Mashhad health tourism, the existing processes should be modified to improve the quality of medical services |
Table 1: Contd...

| Row | Authors (years) | Title | Type of study | Audience/ location | Purpose of the study | Findings regarding this study | Conclusions and suggestions for future studies |
|-----|-----------------|-------|---------------|--------------------|----------------------|-------------------------------|-----------------------------------------------|
| 13  | Hamidizadeh et al. (2016) | Analysis of the health tourism marketing management in Iran’s competitive advantage in medical tourism marketing Iran | Applied and case costs | Selected hospitals of Tehran, Mashhad, and Shiraz | Determining the codes involved in creating competitive advantage of medical tourism marketing of Iran | Iran has a competitive advantage in terms of skilled physicians, low cost of treatment, and short waiting time. Although skilled doctors are a major factor in medical tourism attraction in Iran, it lacks a proper status in terms of services and information technology, especially hospital equipment, and quality of services and amenities. The skill of physicians, the success of surgery, the correct and fast diagnosis, and prescription are of utmost importance. In terms of cost, visitation and medication costs, visas, accommodation, and hospital and operation costs were important. Waiting time for visas and visits are of high importance in operating room equipment, and quality of services and amenities are of utmost importance in the technology and services of hospital. | Iran has competitive advantages such as highly qualified doctors, low cost, short waiting time. However, Iran is not in a favorable competitive position in the field of hospital services and technology, especially operating room equipment, quality of services and welfare facilities. It is suggested that comparative studies be conducted on other countries for the medical tourism industry. |
| 14  | Saraei and Afsari (2019) | Evaluation of medical tourism structure based on the Porter diamond model in the metropolis of Mashhad | Descriptive survey | Mashhad | The purpose of this study was to evaluate the structure of medical tourism based on Porter’s diamond in Mashhad. | The diversity of historical, religious, natural, and cultural tourism attractions. Modern-equipped and internationally renowned medical centers with specialist human resources, low cost of medical care on the global and regional scale, the necessity of development in competitive strategy, lack of medical tourism programs, inefficient government support for medical tourism, basic infrastructures, and therapies requiring upgrades, lack of standardization of medical costs and hospital accreditation, lack of coherent and effective cross-sectoral collaboration at macrolevels, lack of necessary cross-departmental collaboration on the operational level, lack of coherent and effective marketing system of medical tourism, and ultimately impossibility of transferring medical tourism insurance coverage. | To attract tourists, the city of Mashhad should take action to honor the client, increase the quality of services and offer competitive prices. |
6, and 8) and be familiar with the language and culture of the destination country (1, 3, 5, 7, 9, and 12). The number of staff in this sector is significant, and the ratio of clinical staff to patients should be sufficient (1 and 9). The existence of some renowned specialist physicians is a competitive advantage for the host country of medical tourism (7 and 8).

**Theme 5: Structure management**

Foreign patients, especially European ones, choose the countries that have the permits for medical tourism hospital admissions (5, 7, 8, 10, 12, and 14). Having a complete package of services that cover the cost of medical and tourism is satisfactory to the patient, and hospitals and companies operating in the field are expected to define a complete package of services (1, 3, 7, 10, 12, and 14).

The government should better supervise and delegate the provision of tourist and health services to the private sector and to the facilitating companies (1, 2, and 12). Although short waiting queues and providing specific services are a competitive advantage in Iran (6, 7, 8, and 13), good insurance coverage and an attractive site for medical tourism have not been defined (7 and 14).

**Theme 6: Leading the way in medical tourism**

A country can be a leader in medical tourism that enjoys government support; policies and laws of government should be in line with this sector (1, 2, 7–9, and 14). Political stability is important for the health tourism recipient country (1, 2, 7, and 8). The government should facilitate the legislation in this sector, and it is expected to reduce the cost of setting up this business and invest at a large level (7–10 and 14).

**Theme 7: Infrastructure**

Proper infrastructure in all businesses is essential. In the field of health tourism, the infrastructure of the treatment sector must be fully accessible. That is to say, and there should be modern and authentic medical centers and hospitals with proper facilities and equipment which meets the latest standards and also a well-equipped inpatient department ward in each hospital (1–3, 5–14). Proximity between the hotel and the hospital is important to a foreign patient, and hospitals that are near the international hotels or give services as a hospital hotel, convenient amenities, having a translator and driver fluent in foreign languages, specialist doctor’s attendance in hospitals 24 h a day, provision of specific departments or hospitals specialized in medical tourism.

**Theme 8: Exchange with the international world**

One of the most important problems for medical tourists in the country of destination is the issuance of visas. Visa issuance for patients should take place in the least possible time and with the least cost and obstacles (8, 12, and 13). Lack of coherent marketing and lack of
Discussion

This study was conducted by reviewing (14 selected) articles related to the medical tourism business. Through analyzing the selected articles, 8 important themes and 45 codes involved in medical tourism business were identified; important themes such as competitive price, safety and security, information and communication technology, labor market and human resources, structure management, leading the way in the field of medical tourism, infrastructure, and exchange with the international world.

The themes identified in this study are in line with the research aspects of e-business in the field of treatment conducted in Iran. Paying attention to socioeconomic codes and providing important technological, communicational, telecommunication, legal, and administrative infrastructure have been considered as important issues. Moreover, the differences were in its emphasis on e-business in the field of treatment.[43] In another study,[44] codes influencing the choice of destination for medical tourists were identified, all of which were considered either as themes or codes in our study.

One of the most important themes of the medical tourism business is the competitive price. Thanks to the boycott, Iran currently has a competitive advantage in price. According to a study conducted in South Korea, the factor of reasonable price played a moderating role and had no direct impact on the return of medical tourists.[45] Although this study emphasizes the importance of price, it does not consider it to be critical. The findings of the study were compatible with the findings of a study by Lee and Shih,[46] who emphasized pricing strategy in today’s increasingly competitive therapeutic settings.

In a research conducted by Rezaee and Mohammadzadeh, it was noted that from the perspective of the researcher, the following items were effective codes involved in Iran’s medical tourism: macro-operational cooperation and collaboration, appropriate equipment, development of basic and therapeutic infrastructures, and comprehensive and coherent medical tourism.[47]

Jabbari et al. have stated that infrastructure quality is a crucial factor in health tourism, and in the present study, the medical tourists’ views are in line with the findings of this study.[39]

The results of the study conducted by Jabbari et al. have shown that effective advertising, infrastructure development and the use of quality management systems significantly promote the development of medical tourism in Iran.[48] Jabbari et al.’s results are in line with the results of the present study.

Badie et al. have shown that the enhancement of private participation in the development of medical tourism in Golestan province, the establishment of hospitals and clinics specialized in medical tourism and participation, and support of the public sector plays an important role in the development of this industry.[49]

The results of the present study highlight the importance of safety and security, infrastructure, leading the way in medical tourism, and structure management. These themes have contributed to the improvement and success of the medical tourism business and are in line with the study of Jabbari et al., Rezaee and Mohammadzadeh, and Badie et al.[39,47,49]

Since medical tourism is one of the fastest-growing industries globally, and Iran has great potential, one should think of the medical tourism business more scientifically. As defined in this study, Iran has the potential in some aspects of the business and should place greater emphasis on its strengths and do its marketing on that basis. On the other hand, by focusing on its weaknesses, it should also do proper planning.

Researchers of this study tried to extracted related articles, but some of them were not available. To overcome this limitation, some similar articles were used. In this study, using a systematic review, the dimensions and themes of the medical tourism business have been identified. For future research, it is suggested to use other methods such as meta-synthesis to identify the dimensions of the medical tourism business.

Conclusion

Medical tourism is one of the most important industries in the world, and all countries are seeking to have a greater share of this market. By acquainting the businesspeople with the important aspects of this business and basing their business on it, this study tries to be a gateway to medical tourism business activists. At present, the public sector (hospitals) and the private sector (companies and agencies) involved in medical tourism have not to find a proper position due to the lack of paying attention to important aspects of business and especially to its themes and components that are vital to the business in terms of country and business conditions.
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Conflicts of interest
There are no conflicts of interest.

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