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## A "Best Choice Medicine" (BCM) Route to Drug Development to Solve the Aging-Associated Non-Communicable Disease Burden

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## Abstract

**Objective:** The Objective of this paper is to propose a new modality called Best Choice Medicine (BCM) to provide possible life-saving experimental treatments to patients suffering from Aging-Associated Non-Communicable Diseases (AA-NCDs) who would otherwise not survive without treatment. Likewise, BCM would expedite the drug approval process in the U.S. by generating immediate data from these patients. BCM resembles Medical Tourism in many ways except that it would be done within the U.S. To better appreciate Medical Tourism as a field patients were queried for their feedback on their own experiences with Medical Tourism.

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**Method:** Thirteen people who spent significant time and money participating in Medical Tourism were queried in a non-randomized non-controlled survey to understand their perceptions of the Medical Tourism field.

**Results:** The thirteen people chose to participate in Medical Tourism mostly due to lack of treatments available through the regulatory system in their own countries. They also believed that they should be able to choose therapies for themselves. And all participants said that they would consider participating in medical tourism again.

**Conclusions:** Although this is a small study the researchers believe that this research shows the need for a new and more assessable regulatory route, such as BCM, in the United States. This preliminary study is a launchpad for doing more in-depth studies to develop and evaluate the concept of BCM further.

**Keywords:** Aging; Aging-associated non-communicable disease; Regenerative medicine; Best choice medicine; Regulatory; FDA; Patient advocacy; Medical tourism.

## Introduction

Everyday thousands of patients die from aging-associated non-communicable diseases (AA-NCDs) that might have been saved by new treatments that the United States Food and Drug Association (U.S. FDA) has no framework to allow them to try. The process of aging is accompanied by cellular level changes and leads to an increased risk of dying as age advances [1] though it is debated if it is a regulated or adaptive process [2]. Recognized by the United Nations as a "threat to global development" a mandate has been set to improve the consequences of such diseases [3]. As new drug candidates are developed to treat aging more people with money will escape the regulatory system for treatments abroad. The inequity of this access to medicine is emerging and likely to broaden. Understanding the medical tourism model is essential to understanding the broader impact that it offers and how it can be harnessed to meet people's needs while benefitting future populations.

This paper proposes a new modality called "Best Choice Medicine" (BCM). This early access route would allow the same ease of access that Medical Tourism offers whilst creating cost-efficient safety and efficacy case studies within the United States. BCM will complement the U.S. FDA by giving thousands of patients access to cutting-edge medicine while concurrently expediting technological advancements to millions in need. Towards this end, several patients who have utilized the Medical Tourism route for their AA-NCDs were surveyed to learn about their experiences and perceptions.

Approval and marketing of new drugs in the U.S. today costs about \$2.6 billion and takes over 12 years before the drugs can be provided to patients [4]. Meanwhile, millions of people die globally that could be saved by new drugs. To avoid being such a statistic many patients and their doctors are being driven to offshore locations to pioneer promising new technologies in a new trend called "Medical Tourism".

The present study takes a look at how patients perceive medical tourism. The study also reviews the benefits and drawbacks of "Medical Tourism" versus creating a new regulatory route to bring new innovations back to the U.S. and maintain the country's innovative edge. Understanding how the ease of access of the medical tourism model as an ethical case for biotechnology companies and governments to work together could help establish a new regulatory route within the U.S. Previous research studies based on customer choices regarding medical tourism came down to the patient's perception of the country they were traveling to, price, quality of facilities, quality of care, and physician training [5].

The present "do no harm" mindset of the FDA might be causing more harm than it is meant to prevent. Numerous patients have fought for the legal authority to try new medicine, as seen in the "Right to Try Act" legislation; alas, these laws do not cover newer and more precise genetic therapies which are not

Parrish EL | Volume 4; Issue 1 (2022) | Mapsci-JBAR-4(1)-025 | Research Article

currently in clinical trials [6]. A new regulatory designation Regenerative Medicine Advanced (RMAT) Therapy addresses regenerative medicine but not early access to the treatments in the everdemanding aging patient population (Section 3033 of the 21st Century Cures Act) [7].

Understanding the medical tourism model as ethical business case for biotech an companies could also help establish new regulatory routes within the US. The BCM plan proposed here could give millions of to patients access technological advancements earlier in drug development than current legislation allows and enable biotech companies to legally do first-inhuman studies based on patient consent and a medical doctor's approval to treat. If such a new regulatory route was developed, these therapies could be given within the regulatory and exponentially expedite system therapeutic research and treatment in the United States.

Globally, 14-16 million people traveled for medical services in 2017; the area is growing at a CAGR of approximately 8.8% annually. Spending in 2015 alone was estimated at \$70 million and predicted to climb upward of \$28 billion by 2024 [8]. Bringing medical innovations back to the U.S. first requires finding ways to reduce research costs. This obstacle is due to the excessive standards set by the FDA and other regulatory agencies throughout the world. Providing humans with the opportunity to try potential drugs and treatments on themselves prior to preclinical results not only offers these patients a chance to survive their terminal illnesses, but it would also tremendously reduce research costs [9]. Medical Tourism offers the opportunity to test new drugs and therapies directly in humans who would otherwise die without the drug or therapy. Plus, investment further testing, production, for and marketing would be easier to obtain if biotech companies had the initial human data before seeking funding for expensive clinical trials.

Allowance for patients to participate under the BCM plan would be given to terminally ill patients and those with no other treatment options. These new routes to technological advancements would be proactive and could follow in the footsteps of recent AIDS treatments and COVID-19 vaccines in expediency and proficiency. During the present research, thirteen people answered questions about their experiences with the medical tourism platform to give insights on the process and the prospects of its future as a potential new route of regulated use within the United States. All thirteen participants were treated for aging-associated noncommunicable diseases (AA-NCDs) using technology not available in their current jurisdiction. Participants were queried for their reasons for participation, personal considerations, how they view personal choice, and their perception of how safe the process was in regard to COVID-19 exposure. The results of this research survey will allow biotech companies to get insight directly from the most critical stakeholders, the patients.

Further, the impact that BCM could bring to the business development side of biotech companies is discussed. Could a medical tourism-like structure in the USA lead to faster drug discoveries and an eventual

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radical shift in regulation for the medical benefit of humanity?

AA-NCDs are now the biggest killers globally and are responsible for 63% of deaths worldwide [10,11]. According to the 2019 Congressional Budget Office, AA-NCDs cost the US government about \$1.5 trillion in 2018 alone. Promising solutions for treating these diseases can be found in novel experimental regenerative medicine protocols including gene therapies, stem cell and exosome treatments, small molecule drugs, regulated natural products, etc. But the high costs and tough regulations to take advantage of these protocols necessitates traveling to other countries to benefit from the lower costs and relaxed regulations provided by medical tourism. BCM would provide the same cost and regulatory benefits in the U.S. The US FDA does not consider aging a disease; this limits researchers from applying for grants to study aging directly. A trial cannot be conducted without a measurable endpoint, and though we all know what aging is, there is still no undisputed way to measure it. In 2013, a peer-reviewed paper in Cell called "The Hallmarks of Aging" was released, citing nine different cellular processes that change in humans as we age [12]. But a way to measure aging is still not clear. Clinical studies must still rely on treating limitless numbers of specific diseases associated with aging rather than just aging itself.

The United States Food and Drug Association (FDA) is a top-down power system established to help the government create food and drug standards for Americans. Built to protect the citizens of the USA, the FDA is built on precautionary principles. Personal risk aversions within the agency hinder development as commissioners can lose their if drugs harm careers the public. Restructuring the FDA has been considered, including changes allowing the agency to report directly to the President in the hope of alleviating exposure to political roadblocks [13]. Despite vast precautionary measures, some drugs approved by the FDA are still not safe for patients. Between 1998 and 2010, at least ten dangerous drugs, approved by the FDA, were recalled for causing liver damage, heart attacks, strokes, and multiple deaths [14]. According to the CDC, the opioid crisis alone has killed over 840,000 people since 1999, from opioids approved by the FDA. Likewise, clinical studies have even been approved by the FDA that have put patients at tremendous risks that the FDA should have been aware of and wasn't. These include gene therapy studies, for example, in which proper precautions were not taken to protect the patients from cancer causing DNA alterations and deadly immune responses [15].

## **Materials and Methods**

The purpose of this primary research is to determine if a radical paradigm shift in healthcare is warranted. This paper presents the combined pragmatic and humanistic approach to patient's feedback about their medical tourism experience and perceived outcomes. The research focuses on individuals who can use a self-directing agency and make decisions for themselves in a purposeful manner [13]. Earlier studies have shown trends that lead people to choose medical tourism over locally available care, that includes lower cost of therapies, enjoyable locations, and therapies not offered

Parrish EL | Volume 4; Issue 1 (2022) | Mapsci-JBAR-4(1)-025 | Research Article

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for their condition in their current location. Here we build on past research and narrow to look at the reasons, the focus considerations, and perceived safety of participants engaged in medical tourism to treat AA-NCDs during the COVID-19 pandemic. This research includes the participant's perceptions, experience, and personal insights and choices in using regenerative-based therapies. This actionbased research consisted of a survey with a mixed-method approach (Creswell 2009). Quantitative data from participants was obtained from answers in the form of Likert scales, multiple-choice answers, and essay answers. From the essay answers, some of which were obtained from the participants' multiple-choice answers, words were used to examine themes, narratives, and ideas that the participants had.

This preliminary one-time cross-sectional survey did not include controls and was open to participants for four weeks. It included a cohort of people aged 50 and over who had spent "significant time and money" on medical tourism and participated in international travel during the COVID-19 pandemic to participate in procedures to treat their AA-NCDs symptoms. "Significant time" was arbitrarily defined as more than 48 hours, and "significant money" was arbitrarily defined as spending more than \$5,000. Thirty people were invited to participate in the study. Thirteen of them said they were willing and agreed that they understood that participation was voluntary, their personal data would not be shared, and the results would be shared in a research paper. It is unknown whether the other 17 chose not to participate because they did not agree with these features or if they simply did not receive the information asking them to participate.

The survey was closed to participants on the 25th of May 2021. The survey has 29 questions and allows a range of answers from positive to negative to create a fair representation of a variety of perceptions and provide quantification. The complete Survey can be found in Supplemental Information 1. It has two questions with checkboxes that allow the participant to check multiple answers and add information if they feel the available answers do not reflect their personal experiences. It contains 19 multiple-choice questions. Finally, there are four questions with a 10-point Likert scale. The survey was offered via an email from a medical tourism company they recently used and was presented as a link for those who wanted to participate.

The survey is broken into six separate sections for ease of understanding and to compartmentalize sections based on their focus:

- 1. Introduction-what the survey is about
- 2. Agreement to take part in researchvoluntary and confidential
- 3. Reason for participation-why participate in medical tourism
- 4. Personal considerations-personal beliefs around disease and regulation
- 5. Perceived safety-how safe did they feel during medical tourism
- 6. Acknowledgment-answered to the best of their knowledge

No identification of participants was used in the questionnaire or final thesis. The research

Parrish EL | Volume 4; Issue 1 (2022) | Mapsci-JBAR-4(1)-025 | Research Article

was conducted with respect, and all data was stored securely to reduce harm or prejudice that could arrive from the identification of the participants. No contact information was taken to participate in the survey. Google Forms was used as a software tool to form graphs and charts to show the survey outcomes. The answers to the survey were held in a password-protected document. Because all participants were allowed to answer the questionnaire anonymously over the internet there is no tracking of participants location, sex, ethnicity, or other background. The thirteen participants were asked to answer questions in an online questionnaire (supplemental information). Questions 1-3 related to why the subjects participated in medical tourism. Questions 4-11 related to their general beliefs about diseases and regulatory processes for obtaining treatment. Questions 12-25 related to safety concerns during their medical tourism. Finally, they were asked to acknowledge that they had answered all the questions to the best of their knowledge.

## Results

The Complete Results of the Survey can be found in Supplemental Information 2,3 and 4. Twelve of the thirteen participants said they pursued medical tourism for their treatment because there were no other options for their condition. This answer is consistent with past research into medical tourism. This "lack of other options" shows that the FDA is too slow to offer new treatment options. What was unexpected is that eleven of the thirteen wanted to play a part in developing technology for the future and two

participants said they did it out of curiosity and because they wanted to try something new.

While four of the 13 specifically emphasized the aesthetic aspect of the therapy, this research shows that the primary motive is health rather than simply appearance. Over half of the participants claimed that they did much research before choosing the therapy, and the rest did enough research to conclude there was no other option for their disease. participant claimed to have not No researched their options. These answers point to this study having an educated group of participants. The participants general beliefs about diseases and regulatory processes for obtaining treatment contributed to their reasons for participation in medical tourism more so than other factors that were looked at. Over 90% of respondents considered aging a disease (Figure 1).

This answer is consistent with current trends in science and indicates that they thought aging is a condition and not just a natural untreatable process. It also displays the participants educated themselves in modern technology before partaking in offshore therapies. All respondents thought they, not government, should choose their the healthcare. Over half preferred medical tourism over standard care, possibly because medical tourism offers them more choices as well as medical doctors who will enthusiastically try new procedures in a timely manner. Again, this educated group of participants had time to assess their options, and their decisions led them to medical tourism.



Figure 1: Most participants considered biological aging itself to be a disease.

Over half of the respondents believed that regulated drugs were safer; the other half did not agree. This is consistent with the literature review findings that people are becoming less happy with traditional options and may view them as unsafe. Even those who thought regulated drugs were safer, due to no other options for their condition, still chose medical tourism. Most respondents were inclined to believe that their disease stemmed from their genes. Only two out of thirteen believed aging would be cured in their

lifetime. This belief is interesting as 11 out of 13 stated they wanted to partake in the development of new technology in the reasoning section of the questionnaire. This answer may indicate altruism by the participants. When asked how their life had changed since therapy, 77% were the same or better than before; 23.1% claimed to feel worse. 100% of participants wanted these types of treatments to be allowed in the United States, supporting the need for BCM (Figure 2).



Figure 2: 100% of participants wanted these types of treatments to be allowed in the United States.

Parrish EL | Volume 4; Issue 1 (2022) | Mapsci-JBAR-4(1)-025 | Research Article

The perceived safety section of the survey allowed the researcher to identify how risky the participants perceived medical tourism to the COVID-19 be during pandemic. Participants were asked if they identified as risk-takers. Only one participant strongly agreed that he/she strongly identified as a risk-taker. Four considered themselves moderate to low risk-takers, and eight were above average risk-takers. When asked, all the participants considered themselves wellinformed about the process except one who wrote that they initially felt informed before treatment but no longer after treatment when the doctor gave short answers to their questions. Those short answers from the doctor left the participant feeling less informed about post-care but not treatment. These answers could point to medical tourism not just being for risk-takers and that even self-described low-risk-takers are interested in participating. Indeed, participants may have felt that not treating their disease and relying on traditional medicine was riskier than participating in medical tourism during COVID-19. No respondents recommended against others taking the same therapies (Figure 3). This desire to share information with others is a key finding.



Figure 3: All participants would at least consider suggesting that others take part in medical tourism.

The participants traveled to take part in medical tourism, so questions about the perceived safety of their travel experience were part of the questionnaire. All respondents said they felt safe traveling during the COVID-19 pandemic. All also felt safe during their procedure which dispels the perception that these types of therapies are done in precarious or haphazard situations. Twelve of the participants considered that their comfort level may have been "above average" throughout the process, while two participants strongly agreed that it had. One participant rated the comfort level at a 3 out of 10, but it is uncertain what part of the process was uncomfortable. Over half of the respondents preferred the medical tourism experience over their previous primary health care in the U.S. Approximately 78% would participate in medical tourism again, while 23% suggested they might participate again (Figure 4). No one selected that they would

Parrish EL | Volume 4; Issue 1 (2022) | Mapsci-JBAR-4(1)-025 | Research Article

never participate in medical tourism again. Over 84% felt it was easy to communicate with the doctor after therapy, while 15% did not. Most of the participants felt that practical steps were taken to keep them from getting sick. None of the participants contracted COVID-19 during their medical tourism experience.



Figure 4: All participants either would participate in medical tourism again or consider it.

When asked what they most disliked about medical tourism, participants' most common answer was the cost. The third most disliked part of participation was anxiety relative to the therapy. And finally, logistics, travel, and the required pre- and post-testing were listed as disliked experiences. No participant chose the treatment as being the worst part of the experience. When asked what the best part of medical tourism was, most chose the travel. This choice is interesting as most, if not all, of these respondents traveled during the COVID-19 pandemic, a high-stress time for travel. The experience and the doctor tied for second place. These choices show that participants enjoyed the experience of trying new therapies and meeting new people.

Written feedback was about 50/50 in positive and negative feelings about the overall

experience. Some felt a health improvement, others felt happy to try something that might help their condition, and a few felt anxiety during the process.

All participants acknowledged they answered the questionnaire to the best of their knowledge. The objective of this report is to evaluate the theoretical perceptions of medical tourism such as identifying if there is added value to patients to get faster access to therapeutics, discussing biotech new business companies' pain points and landscape, and making suggestions for stakeholders about new paths for drug testing. The evaluation of "added value" to patients was achieved through the survey of the 13 participants. This primary research shows that the participants want to live with purpose and desire, as well as have an

Parrish EL | Volume 4; Issue 1 (2022) | Mapsci-JBAR-4(1)-025 | Research Article

altruistic drive to give back to society. Most of the people in this survey (11 out of 13) said they wanted to be part of developing new technology to treat disease even though only two participants strongly believed aging diseases would be cured in their lifetime. Furthermore, participants felt when an individual is diagnosed with an end-stage disease, it may be unethical and immoral to let the individual die if research models have demonstrated success in treating a similar condition. Further research should be conducted to see how the data presented here compares to groups that didn't seek medical tourism. The results of the survey, along with discussions about the limitations in biotech to provide treatments, leads to a proposal for a new medical tourism model allowed in the U.S. based on the "Best Choice Medicine" (BCM) route to drug development. Among other things the potential benefits of BCM to emerging biotech companies could leverage patient data to quicker clinical trial support. It is hoped that this work will attract other researchers to expand on the academic understanding of innovative drug access and further the cause of better healthcare. The findings apply to the medical tourism community, patients, patient advocates, biotechnology companies, government regulatory systems, and anyone interested in the development of new regulatory routes for diseases, terminal treating chronic conditions, and treating biological aging. Though the data shows an imperative to meet the needs of patients with a new regulatory route, the sample size is too small for significance, statistical and further development into this area is greatly needed.

### Discussion

As an aging population grows, it is both socially responsible and economically sound to address the diseases of aging. But, due to the slow regulatory process and enormous costs of preclinical animal studies, most Biotech companies go out of business before reaching clinical trials. Medical tourism provides biotech an alternative. BCM, in the U.S. would allow a faster and more thorough understanding of innovative drugs and better outcomes for the patients, even more so than medical tourism outside the U.S. BCM associated therapeutics would be defined as therapeutics that perform better in basic research and meta-analysis than current regulated therapeutics.

BCM would be housed under the Department of Health and Human Services as an agency separate from the U.S. FDA (Figure 5). This disconnect from the U.S. FDA would allow both agencies to have their own order and rules but still communicate to transfer data when a successful drug candidate was found. Successful drug candidates would then be passed on to the U.S. FDA for fast-track approval without the added costs associated with the Prescription Drug User Fee Act (PDUFA). The U.S. BCM would consist of U.S. government representatives who manage a patient database, ensuring that each patient signs off on two documents. One document of their current medical diagnosis/condition signed by both themselves and their treating physician. The second document would express written "informed consent" as acceptance to participate in experimental medicine that indemnifies all parties of adverse outcomes. Unlike the Right to Try

Parrish EL | Volume 4; Issue 1 (2022) | Mapsci-JBAR-4(1)-025 | Research Article

Act, drugs through the BCM will not need to have passed a Phase I trial; they can be based on critical meta-analysis, reproducible basic research, more advanced development, and/or primary evidence based on proof of principle under similar or related conditions.

# Best Choice Medicine (BCM)



**Figure 5:** Organization Chart for Drug Testing and Approval in the U.S. including Best Choice Medicine (BCM).

Through BCM first-in-human data would be generated quicker. This could drive more innovation, jobs, and public interest into the sector. Government, society, industry, researchers, and most importantly patients, the most prominent stakeholders, would all benefit.

BCM is strongly needed for those with no curative options and for those that are terminally ill. Terminally ill patients are defined as patients given a diagnosis with no available "regulated" curative treatment. These patients, or their caregivers who have power of attorney, would register on a website overseen by the United States government BCM task team while pharmaceutical

companies, biotechnology companies, and device companies would also register their technologies and protocols. The task team would then network them together (Figure 6). All companies would be allowed to participate regardless of their previous experience in FDA trials. Over 41 million people will die this year of aging diseases that have been significantly slowed or halted in animal models. A social and moral position must be considered for the benefit of humanity. Currently, the idea of "safe drugs" tends to override the ability to achieve them. No drugs are inherently safe or efficacious in all people through today's regulatory body, as shown by multiple drugs historically being removed from the market after approval.

Parrish EL | Volume 4; Issue 1 (2022) | Mapsci-JBAR-4(1)-025 | Research Article



Figure 6: The BCM Process includes therapeutic feedback.

Several genetic treatments have shown significant benefits in aging diseases in animal models. However, advancing these treatments to humans is stalled because of complex regulatory procedures and the lack of funding to follow these procedures. The total cost of drug development at \$2.6 Billion is too high and has not produced the needed results of medical cures. AA-NCDs are now the biggest killers on the planet. Through smarter regulations, millions of lives and enormous amounts of money could be saved (Figure 7)

## Time and Cost Differences: FDA versus BCM



Figure 7: Comparison of FDA and BCM.

Parrish EL | Volume 4; Issue 1 (2022) | Mapsci-JBAR-4(1)-025 | Research Article

BCM will bring about six areas of business opportunity:

- 1. A reduction in research costs via condensed regulation criterion.
- 2. Reduction in supply expenses due to front-end scaling.
- 3. Reduction in delivery cost as therapies would be systematically closer to manufacturers.
- 4. Reduction in bench-to-patient time giving consenting patients the dignity to participate.
- 5. Modernization of marketing achieved by open-access information.
- 6. Improved investor participation due to knowing how the drugs work in humans.

Many of the roadblocks to new and innovative therapies lie within social norms and cognitive biases. BCM offers flexibility to roadblocks by giving the patient the role of primary decision maker. This concept of BCM needs further research including controls and larger sample sizes to expand further upon the initial findings of this study.

## Author contributions

Conceptualization, investigation, visualization, methodology, data curation, formal analysis, project administration, and writing-original draft preparation based on Elizabeth Parrish's MBA Thesis. Validation, investigation, methodology, writing review and editing, visualization, supervision; by William Andrews; All authors have read and agreed to the published version of the manuscript.

## Funding

This research received no external funding.

## Institutional review board statement

The study was conducted in accordance with the Declaration of Helsinki and approved by Ethics Committee at its inception via Bucks New University, via the faculty Ethics Committee and signed by module leader, Sambal Manzoor on the 28th day of March 2021. Module name and number-MB759-20SBAMC: Dissertation-20SBAMC.

## Informed consent statement

Informed consent was obtained from all subjects involved in the study.

## Data availability statement

Data can be found in the supplemental section of this journal.

## Acknowledgments

We would like to thank those who participated in this study for the benefit of future patients who may benefit from their time and efforts.

## **Conflicts of interest**

Both Elizabeth Parrish and Williams Andrews work for companies whose goal is to treat aging associated non-communicable diseases, therefore this finds them both in a position of authority to speak to the matter of the subject.

## Publishing consent

I, Elizabeth L Parrish, author of student paper submitted to Buckinghamshire New University give my consent to publish the work in the Journal of Biomedical and Allied Research.

Parrish EL | Volume 4; Issue 1 (2022) | Mapsci-JBAR-4(1)-025 | Research Article

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#### References

- Harman D. The aging process: major risk factor for disease and death. Proc Natl Acad Sci U S A. 1991;88(12):5360-3. <u>PubMed | CrossRef</u>
- 2. Schmeer C, Kretz A, Wengerodt D, Stojiljkovic M, Witte OW. Dissecting aging and senescence-current concepts and open lessons. Cells. 2019;8(11):1446. <u>PubMed | CrossRef</u>
- 3. Fitzmaurice C, Abate D, Abbasi N, Abbastabar H, Abd-Allah F, Abdel-Rahman O, et al. Global, regional, and national cancer incidence, mortality, years of life lost, years lived with disability, and disability-adjusted life-years for 29 cancer groups, 1990 to 2017: a systematic analysis for the global burden of disease study. JAMA Oncol. 2019;5(12):1749-68. PubMed | CrossRef
- 4. Marino M, Jamal Z, Siccardi MA. Pharmaceutics. StatPearls. 2022.
- 5. Kim S, Arcodia C, Kim I. Critical success factors of medical tourism: The case of South Korea. Int J Environ Res Public Health. 2019;16(24):4964. <u>PubMed | CrossRef</u>
- 6. Agarwal R, Saltz LB. Understanding the right to try act. Clin Cancer Res. 2020 Jan 15;26(2):340-3. <u>PubMed</u> | <u>CrossRef</u>
- 7. Regenerative Medicine Advanced Therapy Designation. FDA. 2021.
- 8. Prince, RA. The Coming Boom In Health Tourism. Forbes. 2016.
- 9. Sertkaya A, Wong HH, Jessup A, Beleche T. Key cost drivers of pharmaceutical clinical trials in the United States. Clin Trials. 2016;13(2):117-26. <u>PubMed | CrossRef</u>
- 10. Cheng X, Yang Y, Schwebel DC, Liu Z, Li L, Cheng P, et al. Population ageing and mortality during 1990–2017: a global decomposition analysis. PLoS Med. 2020;17(6):e1003138. <u>PubMed | CrossRef</u>
- 11. About Global NCDs. CDC. 2021.
- 12. López-Otín C, Blasco MA, Partridge L, Serrano M, Kroemer G. The hallmarks of aging. Cell. 2013;153(6):1194-217. <u>PubMed | CrossRef</u>
- 13. Adashi EY, Rajan RS, Cohen IG. When science and politics collide: enhancing the FDA. Science. 2019;364(6441):628-31. <u>PubMed | CrossRef</u>
- 14. Saleh N. 10 dangerous drugs recalled by the FDA. FDA. 2020.
- 15. Check E. Gene therapy put on hold as third child develops cancer. Nature. 2005;433(7026):561-2. <u>PubMed</u> | <u>CrossRef</u>
- 16. Polkinghorne D. What makes research humanistic?. J Humanist Psychol. 1982;22(3):47-54. CrossRef

#### **Supplementary Information**

#### Supplementary Information 1: The Questionnaire

• ;	Introduction This guestionnaire is to better understand how you experienced medical fourism. Your reasons for participation, your personal consideration, and how safe you felt during the process. Some questions about your perceptions on disease, your thoughts on experimental medicine and accessibility will be asked. Required
- 04	greement to take part in research Do you agree to take part in this research?
1.	I understand that this questionnaire is voluntary. *
	Check all that apply
	Yes
2	I understand that my personal information and name will NOT be shared. *
	Check all that apply.
	Ves Ves
3.	I understand that my answers will be part of a research paper for a dissertation in relation to innovating healthcare and my answers will be in the paper. *
	Chinetic self their appays
	Vee

	Sect all that apply     Sect all that apply     There are no other treatments for my condition     I was curious and wanted to try something new
	beck all that apply:     There are no other treatments for my condition     I was curious and wanted to try something new
	There are no other treatments for my condition I was curious and wanted to try something new
	I was curious and wanted to try something new
	want to be part of developing technologies
	I believe it is the only solution to my problem
0	1 selecter transference and the selection of the selectio
o	i enjoy taking naska
0	it was cheaper than I could get the same treatment elsewhere
	iner:
5. If	*Other" please explain.
Why	r did you choose your therapy2 *
Chec	k all that apply
	Aesthetics - I want to look better
	Health - I want to feel better
	Life threatening disease
	Soth aesthetics and health reasons
	All of the above
Why	did you choose an experimental therapy? *
Mai	'k only one oval.
-	No other ontions for my disease
	A no onice options for the decision
	T seemed exciting and new
<u> </u>	2 I did a lot of research
<u> </u>	) Other:
If "C	ther* please explain.
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11.	I choose for myself I believe the government should choose for me No you prefer standard care or medical tourism? *
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11.	I choose for myself I believe the government should choose for me Do you prefer standard care or medical tourism? * Wark only one oval. Standard care.

12. Do you believe that regulated drugs (drugs that have gone through clinical trials) are safer? \*

Mark	only one oval.
C	Yes
0	No

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#### 21. If "No" to the answer above, please explain.

22.	Did you feel safe during your travel? *
	Mark only one oval.
	Yes
	No
22	Did you feel safe during your treatment? *
23.	Did you reel sale ddinig your beaunein:
	Mark only one oval.
	Yes
	No
24.	How comfortable where you with the whole process? *
	Mark only one sval.
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25. 26. 27. 28.	Net very comfortable       Very comfortable         Was medical tourism easier or harder than dealing with your primary health care provider in the country you live in? *         Mark only one oval.         Harder         Basier         Same         Would you participate in medical tourism again? *         Mark only one oval.         Yes         No         Mark only one oval.         Yes         No         If treated during the COVID pandemic, did you feel that practical steps were made to keep you from getting sick? *         Mark only one oval.         Yes         No         If treated during the COVID pandemic, did you feel that practical steps were made to keep you from getting sick? *         Mark only one oval.         Yes         No         Did you acquire COVID while traveling for your procedure? *
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25. 26. 27. 28.	Not very comfortable Very comfortable   Was medical tourism easier or harder than dealing with your primary health care provider in the country you live in? * Mark only one oval.   Harder   Harder   Base   Would you participate in medical tourism again? * Mark only one oval.   Yes   Nark only one oval.   Yes   If treated during the COVID pandemic, did you feel that practical steps were made to keep you from getting sick? * Mark only one oval.   Yes   Did you acquire COVID while traveling for your procedure? *   Mark only one oval.   Yes

30. What is the worst part of medical tourism?\*

#### Mark only one oval.

C	Travel
C	Cost
C	Doctor issues
C	Anxiety about my treatment
C	Immunosuppression side effects
C	The treatment
C	Planning the logistics
C	Other:

#### 31. If "Other" please explain.

2.	What is the best part of medical tourism? *
	Mark only one oval.
	Travel
	The doctor
	Cost
	The experience
	The attention I recieved
	C The food
	Planning the logistics
	Other
34.	Please let me know if there are other comments about your experience you would like to describe. *
34.	Please let me know if there are other comments about your experience you would like to describe.*
34.	Please let me know if there are other comments about your experience you would like to describe. *
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Acl	Please let me know if there are other comments about your experience you would like to describe.*  Please let me know if there are other comments about your experience you would like to describe.*  I have answered all questions to the best of my knowledge.*  Mark only one oval.
Ac1	Please let me know if there are other comments about your experience you would like to describe.*  Please let me know if there are other comments about your experience you would like to describe.*  I have answered all questions to the best of my knowledge.*  Mark only one oval.  Ves

## Supplemental Information 2: Questions & Answers from the Questionnaire

Question 1: I or a family member participated in medical tourism because: (Check all that apply).

Reason for participation varied, 92% said they participated because "There were no other treatments available for their condition," 15.4% stated "I was curious and wanted to try something new," 84.6% selected that "I want to be part of developing new technologies," 38.5% selected "I believe it is the only solution to my problem," and 7.7% chose "The therapy was not available in the USA."



## Figure 1: Why I participated in medical tourism

Question 2: Why did you choose your therapy?

Regarding the choice of therapy, 0% did it for aesthetic reasons, 46.2% had health reasons, and they wanted to feel better. 46.2% of respondents had a life-threatening disease. 23.1% took therapy for aesthetic and health reasons, and 7.7% stated that they identified with all the reasons for participation.





Question 3: Why did you choose experimental therapy?

In choosing an experimental therapy, 53.8% of participants claimed to have done a lot of research, while 46.2% said they had no other options for their disease.



**Figure 3**: Why experimental therapy?

Question 4: I believe that biological aging is a disease?

92.3% of participants said they believe aging is a disease, while 7.7% do not think it is.



I believe that biological aging is a disease? 13 responses

**Figure 4:** Is biological aging a disease?

Question 5: Who do you believe should choose your healthcare?

When asked who should choose their healthcare, 100% of participants marked "I choose for myself."



Do you believe that aging can be cured in your lifetime? 13 responses



Figure 9: Can aging be cured in your lifetime?

Question 10: How has your life changed in any way since the treatment?

When asked if their life has changed for the better, worse, or was the same as before treatment, 30.8% claimed their life is the same, 23.1% claimed their life is worse, and 46.2% claimed their life is better since treatment.



How has your life changed in any way since the treatment? 13 responses

Figure 10: How has your life changed since treatment?

Question 11: Would you like the United States government to allow these types of new and experimental therapies in the United States?

All 13 (100% of participants) would like the United States to allow these types of new and experimental therapies in the United States.

Would you like the United States government to allow these types of new and experimental therapies in the United States? 13 responses

Figure 11: Would you like the same treatments in the US?

Question 12: Do you consider yourself a risk-taker? Participants were given a Likert scale of 1-10, in which 1= No, not a risk-taker, and 10= Yes, I am a risk-taker.

On a scale of 1-10, 7.7% of participants rated themselves a 2 , 15.4% rated themselves a 3, 7.7% a 5, 38.5% a 7, 7.7% an 8, 15.4% a 9, and 7.7% a 10.







Parrish EL | Volume 4; Issue 1 (2022) | Mapsci-JBAR-4(1)-025 | Research Article

**Citation:** Parrish EL, Andrews WH. A "Best Choice Medicine" (BCM) Route to Drug Development to Solve the Aging-Associated Non-Communicable Disease Burden. J Biomed Allied Res. 2022;4(1):1-116.

DOI: https://doi.org/10.37191/Mapsci-2582-4937-4(1)-025

Question 13: Would you suggest other people take part in the therapies you engaged in?

When asked if they thought others should take part in these same therapies, 84.6% of participants thought, "yes, but I suggest they educate themselves on the process," 7.7% chose "yes, I would definitely suggest people participate," and 7.7% selected "maybe" No one chose "No, I could not suggest others try these treatments.



Would you suggest other people take part in the therapies you engaged in? 13 responses

Figure 13: Would you suggest medical tourism to others?

Question 14: Did you feel informed by your medical tourism doctor about the treatment you were taking?

When asked if participants felt informed about the treatment they were participating in; 92.3% said "Yes," and 7.7% said "No." The participant who said no explained they felt informed about the treatment before participating but did not feel they had a "lack of follow up attention and explanation" after treatment.



Did you feel informed by your medical tourism doctor about the treatment you were taking? 13 responses

Figure 14: Did you feel informed?

Question 15: Did you feel safe during your travels?

In this study, 100% of participants felt safe during travel.



**Figure 15:** Did you feel safe during travel?

Question 16: Did you feel safe during your treatment?

All participants (100%) felt safe during their treatment.



Figure 16: Did you feel safe during treatment?

Question 17: How comfortable were you with the whole process? Likert scale of 1-10 in which 1= Not very comfortable and 10= Very comfortable

When asked how comfortable they were with the whole process, 7.7% rated it a 3, 15.4% rated their experience a 6, 7.7% a 7, 15.4% and 8, 38.5% a 9, and 15.4% a 10.

How comfortable were you with the whole process? 13 responses



Figure 17: How comfortable was the whole process?

Question 18: Was medical tourism easier or harder than dealing with your primary health care provider in the country you live in?

When asked which was easier to deal with, a primary care provider in a home country or medical tourism, 53.8% selected that medical tourism was easier, while 46.2% concluded that primary care was easier.

Was medical tourism easier or harder than dealing with your primary health care provider in the country you live in?

13 responses



Figure 18: Was medical tourism easier or harder than your primary care?

Question 19: Would you participate in medical tourism again?

When asked if they would participate again, 76.9% selected "Yes," 23.1% selected "Maybe," and 0% selected "No."

Parrish EL | Volume 4; Issue 1 (2022) | Mapsci-JBAR-4(1)-025 | Research Article

## Would you participate in medical tourism again?

13 responses



Figure 19: Would you participate in medical tourism again?

Question 20: Was it easy to contact the doctor during your recovery phase?

When asked if it was easy to contact the treating physician during the recovery phase, 84.6% of the participants selected "Yes," while 15.4% selected "No."



Was it easy to contact the doctor during your recovery phase? 13 responses

Figure 20: Was it easy to contact your medical tourism doctor?

Question 21: If treated during the COVID pandemic, did you feel that practical steps were made to keep you from getting sick?

When asked if practical steps were made to keep the participants safe from COVID, the majority, 92.3%, selected "Yes," and 7.7% selected "No."

If treated during the COVID pandemic, did you feel that practical steps were made to keep you from getting sick? 13 responses



Figure 21: Were practical steps made to keep you from getting sick?

Question 22: Did you acquire COVID while traveling for your procedure?

No participants or o% contacted COVID during travel associated with their treatment.



Did you acquire COVID while traveling for your procedure? 13 responses

Figure 22: Did you acquire COVID while traveling for medical tourism?

Question 23: What is the worst part of medical tourism?

When asked what the worst part of medical tourism was, 32.1% said it was the immunosuppression side effects associated with after treatment therapy, 7.7% felt it was the planning and logistics, 7.7% thought it was all the pre and post-testing, 7.7% thought it was the travel, 38.5% attributed it to the cost, and 15.4% thought it was the anxiety about the treatment itself.

What is the worst part of medical tourism? 13 responses



Figure 23: What was the worst part of medical tourism?

Question 24: What is the best part of medical tourism?

When asked about the best part of medical tourism, 23.1% thought it was the experience, 7.7% thought it was the attention they received, 7.7% thought it was the availability of otherwise unregulated treatments, 7.7% felt it was an option when they did not have another option, 30.8% thought it was the travel, and 23.1% thought it was the doctor.





Figure 24: What was the best part of medical tourism?

Question 25: Please let me know if there are other comments about your experience you would like to describe.

Data gathered from the words used by the respondents in this question as well as words they used in the "comments sections" in other questions were used to recognize the respondents' thoughts about their experience.

1. One respondent made mention that he or she was satisfied with the treatment outcome

- 2. Two respondents made mention that they were dissatisfied with the treatment outcome
- 3. Four respondents made mention that they were satisfied with the treatment process, though one of them was one of the two above that mentioned that they were dissatisfied with the treatment outcome
- 4. Four respondents made mention that they were dissatisfied with the treatment process.

5. And two respondents did not provide any comments in Question 25 or in other questions. Complete comments can be found in *supplemental information* 3.

Last Question: All participants, 100%, stated that they had answered all the questions to the best of their knowledge.



I have answered all questions to the best of my knowledge. 13 responses

**Figure 25:** Answered to the best of my knowledge.

## Supplemental Information 3

Question 25 - Qualitative survey data

The questionnaire elucidates many perceptions of medical tourism, self-agency and autonomy regarding a patient's choice in medical tourism. This chapter focuses on extracting the qualitative data, including: descriptive themes, narratives, and feelings. Multiple choice answers often had an "Other" option to allow participants to describe their thoughts and experiences in more depth. The Likert choices were written with positive and negative wording or with strong polarizing verbiage using the general format of the original System Usability Scale (SUS).

Question 25: Please let me know if there are other comments about your experience you would like to describe?

The qualitative part of this research gives insight into further data analysis. Data is gathered from the words used by the respondents in question 25 and the additional "comments section" of the questionnaire. The researcher wanted to ensure the participants were able to give thorough feedback as to their experience. The following comments were redacted to remove any identifying

Parrish EL | Volume 4; Issue 1 (2022) | Mapsci-JBAR-4(1)-025 | Research Article

information that may have been written. Also, areas of potentially confidential information have been lined out with a dashed line, example ------.

Respondent 1: The only real downside was that I was unprepared for ------ and unprepared for the trip in general on account of this (did not pack enough water and snacks, and most of ------ was closed during most of my short visit there).

Respondent 2: These therapies cost a lot of money. I expected more personal attention and follow up.

Respondent 3: I arranged the medical procedure for my ------, and my ------ did the actual travel with her, as he is less at risk of complications should he contract COVID. We all agreed that everything went very smoothly.

Respondent 4: I feel I definitely have more muscle tone. My kidney gfr is better than it has been for the past 3 years.

Respondent 5: I am grateful for the opportunity to participate in a potentially life changing experience.

Respondent 6: I would like to have post treatment check-ups by an IHS doctor in my country/Europe.

Respondent 7: Although I did not have the desired results, I would take the chance again.

Respondent 8: I am happy to have found a treatment that gives me an option for care.

Respondent 9: Inadequate communication with the Dr. about logistics in ------.

Respondent 10: Travel is difficult too because it causes anxiety and agitation.

Respondent 11: Have not received the desired results.

Respondent 12: none

Respondent 13: No

Herein, there are five main themes in the feedback.

- 1. Satisfaction the treatment outcome: 4,
- 2. Satisfaction in the process: 3, 5, 7, 8,
- 3. Dissatisfaction the treatment outcome: 11. 7
- 4. Dissatisfaction in the process: 1, 2, 9, 10
- 5. Not interested in giving more feedback: 12, 13

Perception	Verbiage
Satisfaction - the treatment	definitely have more better than it has been
Satisfaction - in the process	went very smoothly I am grateful opportunity I would take the chance again I am happy gives me an option for care
Dissatisfaction - the treatment	Have not received the desired results. did not have the desired results
Dissatisfaction - in the process	unprepared expected more Inadequate anxiety and agitation Difficult I would like to have
No Feedback	None No

## Table 3: Perception and verbiage - researcher's construct

Positive words	Negative words
Better	Inadequate
Нарру	unprepared
Grateful	Anxiety
Opportunity	Agitation
Smoothly	difficult

## Table 4: Positive and negative words - researcher's construct

To better understand the responses, the feedback was broken down into four categories.

- 1. Satisfaction with the treatment.
- 2. Satisfaction with the process.
- 3. Dissatisfaction with the treatment.
- 4. Dissatisfaction with the process.

In the qualitative deduction of the written response, five positive and eight negative verbiages were used. Five positive words: "better, happy, grateful, opportunity, and smoothly," were used. Five negative words: "inadequate, unprepared, anxiety, agitation, and difficult," were also used. Despite this even amount of positive and negative responses, most respondents said they would participate in medical tourism again, and the rest said they would consider participating again. The word "unprepared" was considered negative and added (Table 4) in the category of "dissatisfaction with the process." "Expected more" was added (Table 3) because it is a negative, but it is unknown if expectations were high due to something they were told or if that was an expectation originating from the participant. No respondent said they would not participate in medical tourism in the future.

## Supplemental Information 4

## Answered Questionnaires

	roduction uestionnaire is to better understand how you experienced medical tourism. Your reasons for participation, your personal consideration, and how safe you
felt d	ring the process. Some questions about your perceptions on disease, your thoughts on experimental medicine and accessibility will be asked.
Agre	ement to take part in research
)o you	agree to take part in this research?
l und	erstand that this questionnaire is voluntary. *
~	Yes
lund	erstand that my personal information and name will NOT be shared. *
~	Yes
l und the p	erstand that my answers will be part of a research paper for a dissertation in relation to innovating healthcare and my answers will be in aper. * Yes
l und the p Reas	erstand that my answers will be part of a research paper for a dissertation in relation to innovating healthcare and my answers will be in aper.* Yes on for Participation I participated in medical tourism ?
I und the p Reas	erstand that my answers will be part of a research paper for a dissertation in relation to innovating healthcare and my answers will be in aper. * //es on for Participation //participated in medical tourism ? family member participated in medical tourism because: (Check all that apply) *
I und the p Reas /hy yo	erstand that my answers will be part of a research paper for a dissertation in relation to innovating healthcare and my answers will be in aper.* res on for Participation a participated in medical tourism? family member participated in medical tourism because: (Check all that apply)* There are no other treatments for my condition
I und the p Reas Why yo I or a	erstand that my answers will be part of a research paper for a dissertation in relation to innovating healthcare and my answers will be in aper.*  res  on for Participation  a participated in medical tourism ?  family member participated in medical tourism because: (Check all that apply) *  There are no other treatments for my condition was curious and wanted to try something new want to be part of developing technologies
I und the p Reas Vhy yo	erstand that my answers will be part of a research paper for a dissertation in relation to innovating healthcare and my answers will be in aper.* fes on for Participation a participated in medical tourism ? family member participated in medical tourism because: (Check all that apply) * There are no other treatments for my condition was curious and wanted to try something new want to be part of developing technologies believe it is the only solution to my problem
I und the p Reas Nvhy yo I or a	erstand that my answers will be part of a research paper for a dissertation in relation to innovating healthcare and my answers will be in aper.* fes on for Participation uparticipated in medical tourism ? family member participated in medical tourism because: (Check all that apply) * There are no other treatments for my condition was curious and wanted to try something new want to be part of developing technologies believe it is the only solution to my problem enjoy taking ristks
I und the p Reas Nvhy yo I or a I or a	erstand that my answers will be part of a research paper for a dissertation in relation to innovating healthcare and my answers will be in aper: *  fes  on for Participation  perticipated in medical tourism P  family member participated in medical tourism because: (Check all that apply) *  There are no other treatments for my condition was curious and wanted to try something new want to be part of developing technologies believe it is the only solution to my problem enjoy taking ristks trues cheaper than I could get the same treatment elsewhere

	r" please explain.
Why di	d you choose your therapy? *
□ Ae	sthetics - I want to look better
ПНе	alth - I want to feel better
J Lif	e threatening disease
Во	th aesthetics and health reasons
ali	of the above
Why di	l you choose an experimental therapy? *
No	other options for my disease
) Its	eemed exciting and new
() Id	d a lot of research
O ot	ner:
f "Othe	r* please explain.
lf "Othe	r" please explain.
f "Othe Persona	r* please explain. Il Considerations
f "Othe Personi	r° please explain. I Considerations
f "Othe Persona	r" please explain. Il Considerations pur personal beliefs around your healthcare?
f "Othe Personi hat are y believ	r" please explain.  I Considerations  pur personal beliefs around your healthcare?  e that biological aging is a disease? *
f "Othe Personi believ Ye	r* please explain.  I Considerations  pur personal beliefs around your healthcare?  a that biological aging is a disease? *
<ul> <li>f "Othe</li> <li>Persona</li> <li>believ</li> <li>believ</li> <li>No</li> </ul>	r" please explain.  I Considerations  pur personal beliefs around your healthcare?  e that biological aging is a disease? *
f "Othe Personi believ • Ye • No	r" please explain.  I Considerations  our personal beliefs around your healthcare?  a that biological aging is a disease? *  s  oyou believe should choose your healthcare? *
<ul> <li>f "Other</li> <li>Personi</li> <li>believ</li> <li>Ye</li> <li>No</li> <li>No</li> <li>Who do</li> <li>I cl</li> </ul>	r" please explain.  I Considerations  Sur personal beliefs around your healthcare?  a that biological aging is a disease? *  a

<ul> <li>Standard care.</li> </ul>											
Medical tourism											
Do you believe that	regulated	drugs (dri	ugs that h	ave gone t	hrough cli	nical trials	) are safer	?*			
Q Var											
No No											
<b>O</b> 110											
De con believe thet	-	to one from		-2 *							
Do you believe that	1	2	your gene	A	5	6	7	9	0	10	
	0	0	0	0	0	0	0	٩	0	0	
Do not agree	0	0	0	U	0	0	0		0	0	Strongly agree
Do you believe that	aging can	be cured	in your life	etime? *							
	1	2	3	4	5	6	7	8	9	10	
Denstance	0	0	0	0	0	0	0	0	۲	0	Change and a series
Do not agree											Strongly agree
How has your life c	hanged in	any way si	nce the tr	eatment?	*						
Better											
🔘 Same											
O Worse											
Would you like the	United Stat	tes goverr	iment to a	llow these	types of i	new and e	xperiment	al therapi	es in the U	nited State	s? *
A 14-1											
Yes											
U NO											

No. not a risk taker	0	~									
	0	0	0	0	0	0	0	0	۲	0	Yes, I am a risk taker
ould you suggest ot	her people	take part	in the th	erapies y	ou engag	ed in? *					
) No I could not sugg	est others tr	y these trea	atents								
) Maybe											
Yes, but I would su	ggest they ed	ucate then	nselves or	the proce	SS						
) Yes, I would definite	ely suggest p	eople part	cipate								

Yes

If "No" to the answer above, please explain.

Did you feel safe during your travel? \*

Yes

O No

Did you feel safe during your treatment? \*

Yes

O No
Not very comfortable     As medical tourism easier or harder than dealing with your primary health care provider in the country you live in? *     Harder   Easier   Same      Nolud you participate in medical tourism again? *   Yes   No   Maybe		1	2	3	4	5	6	7	8	9	10	
Was medical tourism easier or harder than dealing with your primary health care provider in the country you live in? * Harder Easier Same Would you participate in medical tourism again? * Yes No No Maybe	Not very comfortable	0	0	0	0	0	0	0	0	0	۲	Very comfortable
<ul> <li>Harder</li> <li>Easier</li> <li>Same</li> </ul> Vould you participate in medical tourism again? * Yes No No Maybe	Vas medical tourism eas	ier or hard	er than d	ealing wit	th your pr	imary he	alth care	provider i	n the cou	intry you l	ive in? *	
Easier Same Vould you participate in medical tourism again?* Yes No No Maybe	) Harder											
Same Would you participate in medical tourism again? *  Yes No No Maybe	Easier											
Would you participate in medical tourism again? *  Yes No Maybe	Same											
Yes No Maybe	Would you participate in	medical to	urism aga	ain? *								
No Maybe												
) Maybe	Yes											
	Yes											

	1	2	3	4	5	6	7	8	9	10	
Not very comfortable	0	0	0	0	0	0	0	0	0	۲	Very comfortable
√as medical tourism easie	er or hard	er than de	ealing wit	th your pr	imary he	alth care j	provider i	n the cou	intry you l	ive in?*	
🔵 Harder											
Fasier											
J Hand											
) Same											
) Same											
Same Same Would you participate in m	nedical to	urism aga	sin? *								
Same Would you participate in m	nedical to	urism aga	sin? *								
Same Same Would you participate in m Yes No	nedical to	urism aga	sin? *								

Wh	at is the worst part of medical tourism? *
0	Travel
0	Cost
0	Doctor issues
0	Anxiety about my treatment
0	Immunosuppression side effects
0	The treatment
0	Planning the logistics
0	Other:
lf *(	Other*please explain.

21	Inroducion	
What is the best part of medical touris	m?*	
Travel		
The doctor		
Cost		
The experience		
The attention I recieved		
C The food		
Planning the logistics		
O Other:		
lf "Other" please explain.		
Please let me know if there are other c	omments about your experience you would like to describe. *	
feel I definitely have more muscle tone. My	, kidney gfr is better than it has been for the past 3 years.	

Have	you answered the questions to the best of your knowledgs?
l ha	ve answered all questions to the best of my knowledge. *
۲	Yes
0	No

This form was created inside of BioWiva.

Google Forms

## Introduction

This questionnaire is to better understand how you experienced medical tourism. Your reasons for participation, your personal consideration, and how safe you felt during the process. Some questions about your perseptions on disease, your thoughts on experimental medicine and accessibility will be asked.

Agreement to take part	t in research
Do you agree to take part in thi	s research?
l understand that this c	uestionnaire is voluntary. *
I understand that my p	ersonal information and name will NOT be shared. *
I understand that my ai the paper. * Yes	nswers will be part of a research paper for a dissertation in relation to innovating healthcare and my answers will be in

lora	a family member participated in medical tourism because: (Check all that apply) *
~	There are no other treatments for my condition
	I was curious and wanted to try something new
~	I want to be part of developing technologies
~	I believe it is the only solution to my problem
	I enjoy taking ristks
	It was cheaper than I could get the same treatment elsewhere
⊻	other. This therapy is not available in the US, as far as I'm aware
lf "O	ther* please explain.
This	therapy is not available in the US, as far as I'm aware
Whv	did vou choose vour therapy? *
_	Antibation Jugant to lead better
	Health - I want to feel hetter
	Life threatening disease
	Both aesthetics and health reasons
	All of the above
Why	did you choose an experimental therapy? *
0	No other options for my disease
0	It seemed exciting and new
0	l did a lot of research
0	Other.
lf "O	ther" please explain.

What are your personal bel	iefs around ye	our healthcar	e?								
I believe that biolog	ical aging i	s a diseas	e? *								
Yes											
O No											
Who do you believe	should ch	oose your	healthcar	e?*							
I choose for mys	elf										
O I believe the gove	ernment sho	uld choose	for me								
Do you prefer stand	lard care o	r medical 1	tourism? *								
Standard care.											
O Medical tourism											
Do you believe that	regulated	drugs (dru	ugs that ha	ave gone t	hrough cli	inical trials	) are safer	·?*			
A 14-1											
Yes											
U No											
Do you believe that	disease st	ems from	your gene	es? *							
	1	2	3	4	5	6	7	В	9	10	
Do not agree	0	۲	0	0	0	0	0	0	0	0	Strongly agree
Do you believe that	aging can	be cured	in your life	time? *							
	1	2	3	4	5	6	7	В	9	10	
Do not agree	0	0	0	0	0	0	0	0	0	۲	Strongly agree

Hov	has your life changed in any way since the treatment? *
۲	Better
0	Same
0	Warse
Wou	uld you like the United States government to allow these types of new and experimental therapies in the United States? *
۲	Yes
0	No
Perc	veived Safety
Did yo	u feel safe during your medical tourism experience?
Do yo	u consider yourself a risk taker? *

	1	2	3	4	5	6	7	8	9	10	
No, not a risk taker	0	۲	0	0	0	0	0	0	0	0	Yes, I am a risk taker
Vould you suggest othe	er people	take part	in the th	erapies y	ou engag	ed in? *					
) No I could not sugger	st others try	r these trea	atents								
) Maybe											
	est they ed	ucate then	nselves or	the proce	SS						
Yes, but I would sugg											
Yes, but I would sugg	r suggest pe	eople parti	cipate								

9 Yes											
) No											
e 111											
"No" to the answer above	, please e	xplain.									
id you feel safe during you	ur travel?	*									
) Yes											
) No											
id you feel safe during you	ur treatme	ent? *									
N											
) Yes											
) Yes ) No											
) Yes ) No											
) Yes ) No How comfortable were vo	e with the	whole on	mcess?*								
) Yes ) No How comfortable were yo	u with the	whole pr	rocess?* 3	4	5	6	7	8	9	10	
Yes No No No Not very comfortable	u with the 1	e whole pr 2 O	rocess?* 3 •	4	5	6	7	8	9	10	Very comfortable
) Yes ) No How comfortable were yo Not very comfortable Was medical tourism easie	u with the 1 O	e whole pr 2 O	rocess? * 3 () ealing with	4 O th your pr	5 O	6 O	7 O	8 O	9 O Intry you	10 〇	Very comfortable
<ul> <li>Yes</li> <li>No</li> <li>How comfortable were yo</li> <li>Not very comfortable</li> <li>Was medical tourism easie</li> <li>Harder</li> </ul>	u with the 1 O	e whole pr 2 O	3 (a) ealing with	4 O th your pr	5 O	6 O	7 O	8 O	9 O untry you	10 O	Very comfortable
<ul> <li>Yes</li> <li>No</li> <li>How comfortable were yo</li> <li>Not very comfortable</li> <li>Was medical tourism easie</li> <li>Harder</li> <li>Easier</li> </ul>	u with the 1 O	e whole pr 2 O	3 <ul> <li>a</li> <li></li></ul>	4 O	5 O	6 O	7 O	8 O	9 O intry you	10 O	Very comfortable
<ul> <li>Yes</li> <li>No</li> <li>How comfortable were yo</li> <li>Not very comfortable</li> <li>Was medical tourism easie</li> <li>Harder</li> <li>Easier</li> <li>Same</li> </ul>	u with the 1 O	e whole pr 2 O	3 aling with	4 O	5 O	6 O	7 O	8 O	9 O untry you	10 O	Very comfortable
<ul> <li>Yes</li> <li>No</li> <li>How comfortable were yo</li> <li>Not very comfortable</li> <li>Was medical tourism easie</li> <li>Harder</li> <li>Easier</li> <li>Same</li> <li>Would you participate in n</li> </ul>	u with the 1 O er or harde	e whole pr 2 O er than de urism aga	3 aling with the set of the set	4 O	5 O	6 O	7 O	8 O	9 O	10 O	Very comfortable
<ul> <li>Yes</li> <li>No</li> <li>How comfortable were yo</li> <li>Not very comfortable</li> <li>Was medical tourism easie</li> <li>Harder</li> <li>Easier</li> <li>Same</li> <li>Would you participate in n</li> <li>Yes</li> </ul>	u with the 1 O er or harde	e whole pr 2 O er than de	3 aling with a sealing with a seali	4 O	5 O	6 O	7 O	8 O	9 O	10 O	Very comfortable

•	Immunosuppression side effects The treatment
0	Anxiety about my treatment
0	Doctor issues
0	Travel
Wha	at is the worst part of medical tourism? *
)21	Introduction
	No
	O Yes
	Did you acquire COVID while traveling for your procedure? *
	O No
	Yes
	If treated during the COVID pandemic, did you feel that practical steps were made to keep you from getting sick? *
	O No
	• Yes

What	is the best part of medical tourism?*
О т	Travel
От	The doctor
0 0	Cost
От	The experience
От	The attention I recieved
От	The food
O P	Planning the logistics
0 0	Uther.
lf *Otł	her" please explain.
Please The on unprep there).	e let me know if there are other comments about your experience you would like to describe. *  Inly real downside was that I was unprepared for  and bared for the trip in general on account of this (did not pack enough water and snacks, and most of  was closed during most of my short visit
Ackno	wledgment
ave you	answered the questions to the best of your knowledge?
l have	answered all questions to the best of my knowledge. *
<b>Э</b> ү	es
O N	lo

Google Forms

## Introduction

This questionnaire is to better understand how you experienced medical tourism. Your reasons for participation, your personal consideration, and how safe you felt during the process. Some questions about your perceptions on disease, your thoughts on experimental medicine and accessibility will be asked.

io you i	gree to take part in this research?
lund	rstand that this questionnaire is voluntary.*
<b>~</b> `	85
lund	rstand that my personal information and name will NOT be shared. *
<b>&gt;</b> ,	es
unde the p	rstand that my answers will be part of a research paper for a dissertation in relation to innovating healthcare and my answers will be in .per. *
Lefe 53.	
10050	nor Paraupation
ченьзо 1у уоц	r for Par dolpacion articipated in medical tourism ?
ny you or a 1	articipated in medical tourism ? articipated in medical tourism ? amily member participated in medical tourism because: (Check all that apply) *
ny you or a 1	articipated in medical tourism ? amily member participated in medical tourism because: (Check all that apply) *
or a 1	articipated in medical tourism ? amily member participated in medical tourism because: (Check all that apply) * here are no other treatments for my condition vas curious and wanted to try something new
or a 1	articipated in medical tourism ? amily member participated in medical tourism because: (Check all that apply) * tere are no other treatments for my condition vas curious and wanted to try something new vant to be part of developing technologies
or a 1	anticipated in medical tourism ? amily member participated in medical tourism because: (Check all that apply) * are are no other treatments for my condition vas curious and wanted to try something new vant to be part of developing technologies eleiver it is the only solution to my problem
or a 1	articipated in medical tourism ? amily member participated in medical tourism because: (Check all that apply) * are are no other treatments for my condition vas curious and wanted to try something new vant to be part of developing technologies selieve it is the only solution to my problem injoy taking ristks
hy you or a 1	articipated in medical tourism ? amily member participated in medical tourism because: (Check all that apply) * tere are no other treatments for my condition vas curious and wanted to try something new vant to be part of developing technologies relieve it is the only solution to my problem njoy taking ristks was cheaper than I could get the same treatment elsewhere
or a 1	articipated in medical tourism ? amily member participated in medical tourism because: (Check all that apply) * are are no other treatments for my condition vas curious and wanted to try something new vant to be part of developing technologies eleive it is the only solution to my problem enjoy taking ristks was cheaper than I could get the same treatment elsewhere her:
hy you or a 1 i i i i i i i i i i i i i i i i i i i	In an a section of the same treatment elsewhere her: er* please explain.

Why dic	you choose your therapy? *
Ae:	thetics - I want to look better
_ Hea	Ith - I want to feel better
🖌 Life	threatening disease
Bot	aesthetics and health reasons
All	of the above
Why dic	you choose an experimental therapy? *
) No	other options for my disease
) Its	remed exciting and new
🖲 I di	a lot of research
) Oth	er.
( ) O U I O	processpan
Persona	Considerations
Persona	Considerations
Persona	Considerations
Persona Concroma That are y	I Considerations
Dersona - Ordoni hat are y	i Considerations - consocionation ur personal beliefs around your healthcare?
hat are y	Considerations  represent beliefs around your healthcare?  that biological aging is a disease? *
hat are y	Considerations I Considerations In our personal beliefs around your healthcare? In that biological aging is a disease? *
That are y	Considerations  I consolutions  I consolutions  I consolutions  I consolutions  I consolutions  I consolutions
hat are y I believ Yes	Considerations
hat are y believ Ve: No	Considerations  I consolutions  In personal beliefs around your healthcare?  It that biological aging is a disease? *
hat are y believ Ve: No	Considerations  ur personal beliefs around your healthcare?  that biological aging is a disease? *  you believe should choose your healthcare? *
believ Ve No	You believe should choose your healthcare? *
<ul> <li>A construction</li> <li>A construction</li> <li>A construction</li> <li>A construction</li> <li>A construction</li> <li>A construction</li> </ul>	Considerations Inconsiderations Inconsid
I believ Vecone Vecone No Who do I cl I believ	Considerations  In personal beliefs around your healthcare?  It hat biological aging is a disease? *  you believe should choose your healthcare? *  oose for myself  lieve the government should choose for me
<ul> <li>hat are y</li> <li>believe</li> <li>Ye:</li> <li>No</li> <li>No</li> <li>dc</li> <li>I cl</li> <li>I believe</li> </ul>	Considerations Sourcessered ur personal beliefs around your healthcare?  that biological aging is a disease?  you believe should choose your healthcare?  oose for myself lieve the government should choose for me
<ul> <li>A construction</li> <li>A construction<td>Providerations  Providerations  Provideration</td></li></ul>	Providerations  Provideration
that are y	Considerations  Formorous  Formorous  Formorous  Formorous  Formorous  Formorous  Formyself  Forme  Forme Fo
In constant of the second of t	Considerations  Formersonal beliefs around your healthcare?  that biological aging is a disease? *  you believe should choose your healthcare? *  oose for myself lieve the government should choose for me  prefer standard care or medical tourism? *  ndard care.
<ul> <li>A construction</li> &lt;</ul>	Considerations Considerations consecutions are personal beliefs around your healthcare? that biological aging is a disease? * you believe should choose your healthcare? * oose for myself lieve the government should choose for me prefer standard care or medical tourism? * ndard care. dical tourism

o you believe that	regulated	drugs (dr	ugs that h	ave gone t	through cl	inical trials	) are safe	r? *			
Yes											
) No											
o you believe that	disease st	ems from	your gene	es? *							
	1	2	3	4	5	6	7	8	9	10	
Do not agree	0	0	0	0	۲	0	0	0	0	0	Strongly agree
o you believe that	aging can	be cured	in your life	etime? *							
	1	2	3	4	5	6	7	8	9	10	
	0	0	۲	0	0	0	0	0	0	0	Strangly parag

How h	as your life changed in any way since the treatment? *
Ов	etter
🖲 Sa	ame
O w	orse
Would	you like the United States government to allow these types of new and experimental therapies in the United States? *
Ye	15
O N	
Perceiv	ved Safety
Did you fe	el safe during your medical tourism experience?

	1	2	3	4	5	6	7	8	9	10	
No, not a risk taker	0	0	0	0	۲	0	0	0	0	0	Yes, I am a risk take
ould you suggest oth	er people	take part	in the th	erapies y	ou engag	ed in? *					
) No I could not sugge	st others tr	y these tre	atents								
) Maybe											
	est they ed	ucate then	nselves on	the proce	SS						
) Yes, but I would sugg	abt mej au										
) Yes, but I would sugg	y suggest p	eople part	icipate								

Did you feel informed by your medical tourism doctor about the treatment you were taking? \*

Yes
 No

If "No" to the answer above, please explain.

Did you feel safe during your travel? \*

Yes

O No

Did you feel safe during your treatment? \*

Yes
 No

	1	2	3	4	5	6	7	8	9	10	
Not very comfortable	0	0	0	0	0	0	0	0	۲	0	Very comfortable
is medical tourism easi	er or hard	er than de	aling wit	h your pr	imary he	alth care (	provider i	in the cou	intry you	live in? *	
Harder											
Easier											
) Same											
ould you participate in r	nedical to	urism aga	in? *								
) Yes											
) No											
) No ) Maybe											
) No. ) Maybe is it easy to contact the	doctor du	ring your	recovery	v phase?							
) No. ) Maybe is it easy to contact the Yes	doctor du	ring your	recovery	/ phase?							
) No ) Maybe is it easy to contact the Yes No	doctor du	ring your	recovery	/ phase?							
) No ) Maybe is it easy to contact the Yes No	doctor du D pandem	ring your	recovery u feel tha	r phase?	* al steps v	vere mad	e to keep	you from	n getting	sick? *	
) No. ) Maybe is it easy to contact the Yes No reated during the COVII Yes	doctor du D pandem	ring your	recovery u feel tha	r phase?	* al steps v	vere mad	e to keep	you from	n getting	sick?*	

() Yes

No

Wha	It is the worst part of medical tourism? *
0	Travel
0	Cost
0	Doctor issues
0	Anxiety about my treatment
0	Immunosuppression side effects
0	The treatment
0	Planning the logistics
0	Other:
lf *C	ither" please explain.

Wha	at is the best part of medical tourism? *
0	Travel
0	The doctor
0	Cast
0	The experience
0	The attention I recieved
0	The food
0	Planning the logistics
۲	Other: availability of unregulated treatments
lf "C	Other" please explain.
Plea	ise let me know if there are other comments about your experience you would like to describe. *
214	

Have you answered the questions to the best of your knowledge?

I have answered all questions to the best of my knowledge.\*

Yes

() No

This form was created inside of BioViva.

Google Forms

This q felt du	estionnaire is to better understand how you experienced medical tourism. Your reasons for participation, your personal consideration, and how safe you ing the process. Some questions about your perceptions on disease, your thoughts on experimental medicine and accessibility will be asked.
Agree	ment to take part in research
)o you a	ree to take part in this research?
lunde	rstand that this questionnaire is voluntary. *
<b>V</b> 1	25
lunde	rstand that my personal information and name will NOT be shared. *
<b>V</b> 1	25
l unde	rstand that my answers will be part of a research paper for a dissertation in relation to innovating healthcare and my answers will be in per.*
	25

vny yc	u participated in medical tourism ?
lora	family member participated in medical tourism because: (Check all that apply) *
~	There are no other treatments for my condition
	I was curious and wanted to try something new
	I want to be part of developing technologies
	I believe it is the only solution to my problem
	i enjoy taking ristks
	It was cheaper than I could get the same treatment elsewhere
	Other:
lf *O	ther" please explain.
vny	did you choose your therapy? "
	Aesthetics - I want to look better
1	lealth - I want to feel better
1	ife threatening disease
	loth aesthetics and health reasons
	Il of the above
Vhy	did you choose an experimental therapy? *
	lo other options for my disease
) i	t seemed exciting and new
) I	did a lot of research
2	Diher.
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f*Ot	her" please explain.

What a	are your personal beliefs around your healthcare?
l bel	lieve that biological aging is a disease? *
۲	Yes
0	No
Who	o do you believe should choose your healthcare? *
۲	I choose for myself
0	I believe the government should choose for me
Doy	you prefer standard care or medical tourism? *
0	Standard care.
۲	Medical tourism

Yes											
No											
you believe that	disease st	tems from	your gene	es?*							
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you believe that	aging can	be cured	in your life	stime? *							
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Better											
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Was it easy to contact the doctor during your recovery phase?\*

Yes

If treated during the COVID pandemic, did you feel that practical steps were made to keep you from getting sick? \*

0	Yes

() No

Did you acquire COVID while traveling for your procedure?\*

	No
0	Yes

Wha	at is the worst part of medical tourism? *
0	Travel
0	Cost
0	Doctor issues
0	Anxiety about my treatment
0	Immunosuppression side effects
0	The treatment
0	Planning the logistics
0	Other:
lf "O	ther" please explain.

What is the best part of medical tourism? *
O Travel
O The doctor
O Cost
O The experience
The attention I recieved
O The food
O Planning the logistics
O Other:
If "Other" please explain.
Please let me know if there are other comments about your experience you would like to describe. * I am grateful for the opportunity to participate in a potentially life changing experience.
Acknowledgment
I have answered all questions to the best of my knowledge. *
• Yes
O No
This form was created inside of BioViva.

Google Forms

Latin d	10.00
Introd	uction
1111100	aouon

This questionnaire is to better understand how you experienced medical tourism. Your reasons for participation, your personal consideration, and how safe you felt during the process. Some questions about your perceptions on disease, your thoughts on experimental medicine and accessibility will be asked.

you a	ree to take part in this research?
unde	stand that this questionnaire is voluntary. *
2	15
unde	stand that my personal information and name will NOT be shared. *
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Inde	stand that my answers will be part of a research paper for a dissertation in relation to innovating healthcare and my answers will be in
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y you	

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Do you believe that regulated drugs (drugs that have gone through clinical trials) are safer? \* O Yes No Do you believe that disease stems from your genes? \* Do not agree Strongly agree Do you believe that aging can be cured in your lifetime?\* . Strongly agree Do not agree How has your life changed in any way since the treatment? \*

 Better Same O Worse Would you like the United States government to allow these types of new and experimental therapies in the United States?\* Yes O No Perceived Safety Did you feel safe during your medical tourism experience? Do you consider yourself a risk taker? \* з s 

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 No, not a risk taker
 Image: Constraint of the set of the set

<ul> <li>Yes</li> <li>No</li> </ul> If "No" to the answer above, please explain.   Did you feel safe during your travel? * <ul> <li>Yes</li> <li>No</li> </ul> Did you feel safe during your treatment? *	
<ul> <li>No</li> <li>If "No" to the answer above, please explain.</li> <li>Did you feel safe during your travel? *</li> <li>Yes</li> <li>No</li> </ul>	
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Not very comfortable	0	0	0	0	0	0	0	0	۲	0	Very comfortable
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<ul> <li>Easier</li> <li>Same</li> <li>Would you participate in r</li> <li>Yes</li> <li>No</li> </ul>	nedical to	urism aga	ain? *								

Was it easy	to contact	the doctor	during you	ir recovery	phase?*
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YesNo

If treated during the COVID pandemic, did you feel that practical steps were made to keep you from getting sick? \*

۲	Yes
0	No

Did you acquire COVID while traveling for your procedure?\*

YesNo

Wha	at is the worst part of medical tourism? *
0	Travel
0	Cost
0	Doctor issues
0	Anxiety about my treatment
0	Immunosuppression side effects
0	The treatment
0	Planning the logistics
0	Other:
lf "C	Dther" please explain.

Wha	t is the best part of medical tourism? *
0	Travel
0	The doctor
0	Cost
۲	The experience
0	The attention I recieved
0	The food
0	Planning the logistics
0	Other:
lf "O	ther" please explain.
If "O	ther" please explain. se let me know if there are other comments about your experience you would like to describe. *
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## Introduction

This questionnaire is to better understand how you experienced medical tourism. Your reasons for participation, your personal consideration, and how safe you felt during the process. Some questions about your perceptions on disease, your thoughts on experimental medicine and accessibility will be asked.

Agreeme	it to take part in research
o you agree	to take part in this research?
underst	nd that this questionnaire is voluntary. *
Ves Yes	
underst	nd that my personal information and name will NOT be shared. *
Ves Yes	
underst the pape	nd that my answers will be part of a research paper for a dissertation in relation to innovating healthcare and my answers will be in $st$
-	
Yes	
Yes Yes	
Yes Yes	
Ves	nor lan voi Participation
Ves	e Participation
Yes	e Partisiantian Ir Farucipation cipated in medical tourism ?
Yes	e Participation r Farocipation cipated in medical fourism ?
Yes	* Participation real oupprion cipated in medical tourism ? ily member participated in medical tourism because: (Check all that apply) *
Yes	e Destinisation rearcopation cipated in medical tourism ? ily member participated in medical tourism because: (Check all that apply) * e are no other treatments for my condition
Yes	Participation  participated in medical tourism ?  ily member participated in medical tourism because: (Check all that apply) *  are no other treatments for my condition curious and wanted to try something new
Yes	Participation      Participation      ipated in medical tourism ?      ily member participated in medical tourism because: (Check all that apply) * er no other treatments for my condition      curlous and wanted to try something new t to be part of developing technologies.
<ul> <li>Yes</li> <li>Yes</li> <li>Necessorial</li> <li>They you particle</li> <li>I or a fam</li> <li>Their</li> <li>I wa</li> <li>I bel</li> </ul>	Destribution      If rancopation      cipated in medical tourism ?      ily member participated in medical tourism because: (Check all that apply) *      er are no other treatments for my condition      curious and wanted to try something new      t to be part of developing technologies eve it is the only solution to my problem
Yes  Yes  thy you par  thy you par  thy a  the  thy	Participation     retrocipation     capated in medical tourism ?      in medical tourism provide the second s
Yes  Yhy you par  I or a fan  I wa  I wa	
Yes  Yes  Ior a fan  Ior a fan  I wa  I wa  I bel  I twa  Othe	Performation  Performation Performation Performation Performation Performation Performation Performation Performation Performation Performation Performatio
Yes  Yes  Vity you par  I or a fan  I or a fan  I wa  I wa	

Why	did you choose your therapy? *
	Aesthetics - I want to look better
	Health - I want to feel better
	Life threatening disease
	Both aesthetics and health reasons
2	All of the above
Why	did you choose an experimental therapy? *
0	No other options for my disease
0	It seemed exciting and new
۲	l did a lot of research
0	Other:
Perso	nal Considerations
What are	summerenes ballefe around your bastheara?
what are	you personal beners around you nearmane?
l belie	we that biological aging is a disease? *
• Y	/es
0 1	lo,
Who d	do you believe should choose your healthcare? *
۱ 🔘	choose for myself

O I believe the government should choose for me

Do you prefer standard care or medical tourism?\*

Standard care.
 Medical tourism

ase stem: 1 O	s from y 2	your gene 3 O	ss?* 4 ○	5	6	7				
ase stem: 1 O	s from y 2	your gene 3 O	ss?* 4 ○	5	6	7				
ase stem: 1 	2	your gene 3 O	as?* 4	5	6	7				
1	2	3 ()	4	5	6	7				
) Ig can be	0	0	0				8	9	10	
ıg can be				0	0	0	0	0	۲	Strongly agree
	cured i	n your life	time?*							
1	2	3	4	5	6	7	8	9	10	
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ed in any	way sin	ice the tri	eatment?	*)						
d States ç	governr	ment to a	llow these	types of i	new and e	xperiment	al therapi	es in the U	nited State	is?*
	ed in any	O O ed in any way sir	OOOO	OOOO	OOOOO	OOOOOOO	OOOOOOO	OOOOOOOOO	OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO	OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO

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No, not a rîsk taker	0	0	۲	0	0	0	0	0	0	0	Yes, I am a risk taker
ould you suggest oth	er people	take part	in the th	erapies y	ou engag	ed in? *					
) No I could not sugge	st others tr	y these trea	atents								
) Maybe											
Yes, but I would sug	gest they ed	ucate then	nselves on	the proce	SS						
Yes, I would definite	y suggest p	eople parti	cipate								
) Other:											
	t by your n	nedical to	urism do	ctor abou	ut the trea	atment vo	u were ta	aking?*			
Did you feel informed											
Did you feel informed	, ,										
Did you feel informed											
Did you feel informed	,										
Did you feel informer Yes No											

Did you feel safe during your travel? \*

Yes
 No

Did you feel safe during your treatment? \*

O No

	1	2	3	4	5	6	7	8	9	10	
	0	0	0	0	0	0	0	0		0	
Not very comfortable	0	0	0	0	0	0	0	0	•	U	Very comfortable
Vas medical tourism easi	er or hard	er than de	ealing wit	h your pr	imary he	alth care (	provider i	in the cou	intry you	live in? *	
) Harder											
Easier											
) Same											
Nould you participate in r	nedical to	urism aga	in?*								
Yes											
) No											
) Maybe											
Was it easy to contact the	e doctor d	luring you	r recover	y phase?	•						
Was it easy to contact the Yes	e doctor d	luring you	r recover	y phase?	•						
Was it easy to contact the Yes No	e doctor d	luring you	r recover	y phase?	•						
Was it easy to contact the Yes No If treated during the COV	e doctor d 1D pander	luring you nic, did yr	r recover	y phase? at practic	* al steps v	vere mad	e to keep	you from	a getting s	sick? *	
Was it easy to contact the  Yes No If treated during the COV Yes	e doctor d 1D pander	luring you nic, did yo	r recover	y phase? at practic	* al steps v	vere mad	e to keep	you from	getting s	sick? *	
Was it easy to contact the Yes No f treated during the COV Yes No	e doctor d 1D pander	luring you mic, did yo	r recover	y phase? at practic	* al steps v	vere mad	e to keep	you from	a getting s	sick? *	
Was it easy to contact the Yes No Yes No No No Did you acquire COVID w	e doctor d 1D pander hile travel	luring you mic, did yo	r recover	y phase? at practic	* al steps v	vere mad	e to keep	you from	getting s	sick? *	
Was it easy to contact the  Yes No Yes Yes No Did you acquire COVID w Yes	e doctor d 1D pander hile travel	luring you nic, did yo	r recover ou feel th	y phase? at practic	* al steps v	vere mad	e to keep	you from	a getting s	sick? *	

wna	is the worst part of medical tourism? *
0	ravel
0	ost
0	octor issues
С	nxiety about my treatment
•	nmunosuppression side effects
С	he treatment
С	lanning the logistics
0	
r*01	ther. her" please explain.
r *Ot	ther:
r *Of	ther:
What O	ther:
What O	ther:
What O O O	ther:
What O O O	the: her* please explain. is the best part of medical tourism?* Travel The doctor Cost The experience The attention   recieved
Wha 0	ther:
Wha 0	the:

Please let me know if there are other comments about your experience you would like to describe.\*

I am happy to have found a treatment that gives me an option for care

If "Other" please explain.

Acknowledgment

Have	you answered the questions to the best of your knowledge?
l ha	ave answered all questions to the best of my knowledge. *
۲	Yes
0	No

This form was created inside of BioViva.

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Thi: felt	questionnaire is to better understand how you experienced medical tourism. Your reasons for participation, your personal consideration, and how safe you during the process. Some questions about your perceptions on disease, your thoughts on experimental medicine and accessibility will be asked.
Agı	eement to take part in research
)o yo	J agree to take part in this research?
l ur	derstand that this questionnaire is voluntary. * Yes
l ur	derstand that my personal information and name will NOT be shared. * Yes
l ur the	derstand that my answers will be part of a research paper for a dissertation in relation to innovating healthcare and my answers will be i paper. *
-	

Vhy y	ou participated in medical tourism 7										
lor	a family member participated in medical tourism because: (Check all that apply) *										
~	There are no other treatments for my condition										
~	I was curious and wanted to try something new										
~	I want to be part of developing technologies										
~	I believe it is the only solution to my problem										
	I enjoy taking ristks										
	It was cheaper than I could get the same treatment elsewhere										
	Other:										
lf "C	Other" please explain.										
Why	y did you choose your therapy? *										
-	Aesthetics - I want to look hetter										
1	Health - I want to feel better										
~	Life fureatening ofsease										
	Both aesthetics and health reasons										
	All of the above										
Why	v did you choose an experimental therapy? *										
0	No other options for my disease										
С	It seemed exciting and new										
0	I did a lot of research										
0	Other										
0	WINN-										
f "C	)ther" please explain.										
believe that biolog	jical aging i	s a diseas	e? *								
--	--------------------------------	---------------------------	--	-------------------	------------	--------------	-------------	----	---------	----	----------------
Yes											
No											
Who do you believe	should ch	oose your	healthcar	e?*							
I choose for mys	self										
) I believe the gov	ernment sho	uld choose	for me								
Do you prefer stan	dard care o	r medical '	tourism? *								
Standard care.											
Medical tourism											
Do you believe tha	t regulated	drugs (dru	ugs that ha	ave gone t	hrough cli	nical trials	) are safer	?*			
O Yes											
No No											
)o you believe tha	t disease st	ems from	your gene	s?*							
Do you believe tha	t disease st 1	ems from 2	your gene 3	4	5	6	7	8	9	10	
Do you believe tha Do not agree	t disease st 1 〇	2	your gene 3 ()	4 ()	5	6 ()	7 •	8	9 ()	10	Strongly agree
Do you believe that Do not agree Do you believe that	t disease st	2 O be cured i	your gene 3 O	4 0 time? *	5	6	7 ()	8	9	10	Strongly agree
Do you believe tha Do not agree Do you believe tha	t disease st 1 aging can	2 O be cured i 2	your gene 3 O in your life 3	4 0 time? *	5	6	7 •	8	9	10	Strongly agree

How has your life changed in any way since the treatment? *
Better
O Same
O Worse
Would you like the United States government to allow these types of new and experimental therapies in the United States?*
• Yes
O No
Perceived Safety
Did you feel safe during your medical tourism experience?

	1	2	3	4	5	6	7	8	9	10	
No, not a risk taker	0	0	0	0	0	0	۲	0	0	0	Yes, I am a risk taker
/ould you suggest oth	er people	take part	in the th	erapies y	ou engag	ed in? *					
) No I could not sugger	st others trj	y these tre	atents								
) No I could not sugger ) Maybe ) Yes, but I would sugg	st others try	y these trea	atents nselves on	the proce	85						
<ul> <li>No I could not sugger</li> <li>Maybe</li> <li>Yes, but I would sugg</li> <li>Yes, I would definitely</li> </ul>	st others try lest they ed y suggest p	y these trea ucate then eople parti	atents nselves on	the proce	SS						

Jia you teel informed by											
Yes											
) No											
f "No" to the answer ab	ove, please (	explain.									
Did you feel safe during	your travel?	•									
Yes											
) No											
)id you feel safe during	your treatm	ient? *									
Yes											
No łow comfortable were	you with the	whole p	rocess? *								
→ No How comfortable were	you with the 1	e whole p 2	rocess?* 3	4	5	6	7	8	9	10	
No dow comfortable were Not very comfortable	you with the 1 〇	e whole p 2	rocess?* 3 O	4	5	6	7	8	9 ©	10	Very comfortable
No How comfortable were Not very comfortable Was medical tourism ea	you with the 1 O	e whole p 2 O	rocess? * 3 O ealing wit	4 O	5 O	6 O alth care	7 O provider i	8 O	9 (e) Intry you	10 O	Very comfortable
No How comfortable were Not very comfortable Was medical tourism ea	you with the 1 O	e whole p 2 O	rocess? * 3 O ealing wit	4 O	5 O	6 O alth care	7 O provider i	8 O	9 (e) Intry you	10 O	Very comfortable
No No No Not very comfortable were Not very comfortable Was medical tourism ea Harder Easier	you with the 1 O	e whole p 2 O	rocess? * 3 O ealing wit	4 O	5 O	6 O alth care	7 O	8 O	9 (e) intry you	10 O	Very comfortable
<ul> <li>No</li> <li>How comfortable were</li> <li>Not very comfortable</li> <li>Was medical tourism ea</li> <li>Harder</li> <li>Easier</li> <li>Same</li> </ul>	you with the 1 O	e whole p 2 O	rocess? * 3 O	4 O	5 O	6 O	7 O	8 O	9 entry you	10 O	Very comfortable
<ul> <li>No</li> <li>How comfortable were</li> <li>Not very comfortable</li> <li>Was medical tourism ea</li> <li>Harder</li> <li>Easier</li> <li>Same</li> </ul>	you with the 1 O asier or harde	e whole p 2 O er than d	rocess? * 3 O ealing wit	4 O	5 O	6 O	7 O	8 O	9 Intry you	10 O	Very comfortable
<ul> <li>No</li> <li>How comfortable were</li> <li>Not very comfortable</li> <li>Was medical tourism ea</li> <li>Harder</li> <li>Easier</li> <li>Same</li> <li>Mould you participate in</li> <li>Yes</li> </ul>	you with the 1 O asier or harde	e whole p 2 O er than d	rocess? * 3 O ealing wit	4 O	5 O	6 O	7 O	8 O	9 Intry you	10 O	Very comfortable
<ul> <li>No</li> <li>How comfortable were</li> <li>Not very comfortable</li> <li>Was medical tourism ex</li> <li>Harder</li> <li>Easier</li> <li>Same</li> <li>Would you participate in</li> <li>Yes</li> <li>No</li> </ul>	you with the 1 O asier or harde	e whole p 2 O er than d	rocess? * 3 O ealing wit	4 O	5 O	6 O alth care	7 O provider i	8 O	9 Intry you	10 O	Very comfortable

Was	it easy to contact the doctor during your recovery phase? *
۲	Yes
0	No
lf tre	eated during the COVID pandemic, did you feel that practical steps were made to keep you from getting sick? *
۲	Yes
0	No
Did	you acquire COVID while traveling for your procedure? *
0	Yes
۲	No

Wha	at is the worst part of medical tourism? *
0	Travel
0	Cost
0	Doctor issues
0	Anxiety about my treatment
0	Immunosuppression side effects
0	The treatment
0	Planning the logistics
•	Other: All the tests prior and post
lf "C	ther" please explain.

0	Travel
0	The doctor
С	Cost
С	The experience
Э	The attention I recieved
Э	The food
0	Planning the logistics
0	Other.
f *0	ther" please explain.
f *O	ther" please explain. se let me know if there are other comments about your experience you would like to describe. *
f *O Plea	ther" please explain. se let me know if there are other comments about your experience you would like to describe. * I is difficult too because it causes anxiety and agitation
f *O Plea	ther" please explain. se let me know if there are other comments about your experience you would like to describe. * I is difficult too because it causes anxiety and agitation
f *O Plea Frave	ther" please explain. se let me know if there are other comments about your experience you would like to describe. * I is difficult too because it causes anxiety and agitation
f *O Plea Frave	ther" please explain. se let me know if there are other comments about your experience you would like to describe.* I is difficult too because it causes anxiety and agitation coviedoment u answered the questions to the best of your knowledge?
f *O Plea Trave Ve yo	ther" please explain.  se let me know if there are other comments about your experience you would like to describe.  I is difficult too because it causes anxiety and agitation  owlectoment  u answered the questions to the best of your knowledge?  a answered all questions to the best of my knowledge.*
f *O Plea: Trave Neko ive yo hav	ther" please explain.  se let me know if there are other comments about your experience you would like to describe.*  I is difficult too because it causes anxiety and agitation  overall  a answered the questions to the best of your knowledge?  e answered all questions to the best of my knowledge.*  Yes
f "O Plea: Trave Netro Netro hav	ther" please explain. se let me know if there are other comments about your experience you would like to describe. • I is difficult too because it causes anxiety and agitation owledoment u answered the questions to the best of your knowledge? e answered all questions to the best of my knowledge. * Yes

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	uuu		

This questionnaire is to better understand how you experienced medical tourism. Your reasons for participation, your personal consideration, and how safe you felt during the process. Some questions about your perceptions on disease, your thoughts on experimental medicine and accessibility will be asked.

Agreement to take part in research

Do you agree to take part in this research?

I understand that this questionnaire is voluntary.\*

Ves Yes

I understand that my personal information and name will NOT be shared.\*



I understand that my answers will be part of a research paper for a dissertation in relation to innovating healthcare and my answers will be in the paper.\*

Yes

y you participated in medica	I tourism ?	
or a family member pa	rticipated in medical tourism because: (Check all that apply) *	
There are no other tr	atments for my condition	
I was curious and wa	nted to try something new	
I want to be part of d	eveloping technologies	
] I believe it is the only	solution to my problem	
] I enjoy taking ristks		
] It was cheaper than I	could get the same treatment elsewhere	
Other:		

Wh	y did you choose your therapy? *
	Aesthetics - I want to look better
	Health - I want to feel better
	Life threatening disease
	Both aesthetics and health reasons
	All of the above
0	No other options for my disease
0	It seemed exciting and new
۲	I did a lot of research
0	Other;
lf*C	Other" please explain.

What a	re your personal beliefs around your healthcare?
l beli	ieve that biological aging is a disease? *
۲	Yes
0	No
Who	do you believe should choose your healthcare? *
۲	I choose for myself
0	I believe the government should choose for me
Do y	ou prefer standard care or medical tourism? *
0	Standard care.
•	Medical tourism

Yes											
No											
you believe that	: disease st	tems from	your gene	es?*							
	1	2	3	4	5	6	7	8	9	10	
Do not agree	0	0	0	0	0	۲	0	0	0	0	Strongly agree
o you believe that	aging can	be cured	in your life	etime? *							
	1	2	3	4	5	6	7	8	9	10	
	0	0	0	0	0	۲	0	0	0	0	

How has your life changed in any way since the treatment? *
O Better
Same
O Worse
Would you like the United States government to allow these types of new and experimental therapies in the United States?*
Yes
O No
Perceived Safety
Did you feel safe during your medical tourism experience?

	1	2	3	4	5	6	7	8	9	10	
No, not a risk taker	0	0	0	0	0	0	0	0	۲	0	Yes, I am a risk taker
ould you suggest othe	r people	take part	in the th	erapies y	ou engag	ed in? *					
) No I could not sugges	t others try	these trea	atents								
) Maybe											
Yes, but I would sugge	est they ed	ucate then	nselves on	the proce	SS						
en al la constante d	suggest p	eople parti	cipate								
Yes, I would definitely											
<ul> <li>Yes, I would definitely</li> <li>Other:</li> </ul>											

Did you feel inf	ormed by your medical tourism doctor about the treatment you were taking? *
Yes	
() No	
If "No" to the ar	iswer above, please explain.
Did you feel sa	e during your travel? *
Yes	
O No	
Did you feel sat	'e during your treatment? *
Yes	
O No	

							-				
	1	2	3	4	5	6	7	8	9	10	
Not very comfortable	0	0	0	0	0	0	0	0	۲	0	Very comfortable
Vas medical tourism easi	er or harde	er than de	aling wit	h your pr	imary he	alth care (	provider i	in the cou	intry you l	live in? *	
) Harder											
Easier											
) Same											
Vould you participate in r	nedical to	urism aga	in? *								
Yes											
Yes											
<ul> <li>Yes</li> <li>No</li> <li>Maybe</li> </ul>											
Yes No Maybe Vas it easy to contact the	doctor du	iring your	recover	y phase?							
Yes     No     Maybe Vas it easy to contact the     Yes     No	doctor du	iring your	recovery	y phase?	•						
Yes No Maybe Vas it easy to contact the Yes No Treated during the COVI	doctor du D panderr	iring your	recover,	y phase? at practic	• al steps v	vere mad	e to keep	you from	e getting s	sick? *	
<ul> <li>Yes</li> <li>No</li> <li>Maybe</li> </ul> Was it easy to contact the <ul> <li>Yes</li> <li>No</li> <li>f treated during the COVI</li> <li>Yes</li> </ul>	doctor du D panderr	iring your	recover u feel tha	y phase? at practic	• al steps v	vere mad	e to keep	you from	getting s	sick? *	

Did you acquire COVID while traveling for your procedure? \* O Yes

No

Wha	at is the worst part of medical tourism? *
۲	Travel
0	Cost
0	Doctor issues
0	Anxiety about my treatment
0	Immunosuppression side effects
0	The treatment
0	Planning the logistics
0	Other:
lf *C	Other" please explain.

C Trave	el
) The	
~	doctor
) Cost	E .
The end of the end	experience
) The a	attention I recieved
) The f	food
) Plan	ning the logistics
) Othe	H.
f "Other"	" please explain.
Please le Have not r	t me know if there are other comments about your experience you would like to describe, *

Have	you answered the questions to the best of your knowledge?
l ha	ave answered all questions to the best of my knowledge. *
۲	Yes
0	No

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This questionnaire is t elt during the process	b better understand how you experienced medical tourism. Your reasons for participation, your personal consideration, and how safe you Some questions about your perceptions on disease, your thoughts on experimental medicine and accessibility will be asked.
Agreement to take	part in research
o you agree to take part i	n this research?
understand that th	is questionnaire is voluntary. *
understand that m	y personal information and name will NOT be shared. *
understand that m	y answers will be part of a research paper for a dissertation in relation to innovating healthcare and my answers will be in
Ves	

Why yo	u participated in medical tourism ?
lora	family member participated in medical tourism because: (Check all that apply) *
	There are no other treatments for my condition
$\checkmark$	I was curious and wanted to try something new
~	I want to be part of developing technologies
	I believe it is the only solution to my problem
	I enjoy taking ristks
	It was cheaper than I could get the same treatment elsewhere
	Other:
lf *O	ther" please explain.

	Aesthetics - I want to look better
	Health - I want to feel better
	Life threatening disease
~	Both aesthetics and health reasons
	All of the above
0	No other options for my disease It seemed exciting and new I did a lot of research
0	Jther:
lf "O	her" please explain.

r erdener Generationa	cionia										
What are your personal be	liefs around y	rour healthcar	e?								
I believe that biological aging is a disease? *											
• Yes											
O No											
Who do you believe	e should ch	noose you	r healthca	re? *							
I choose for mys	elf										
O I believe the gov	ernment she	ould choose	for me								
Do you prefer stand	dard care o	or medical	tourism?	1							
Standard care.											
Medical tourism											
Do you believe that	regulated	drugs (dri	ugs that h	ave gone t	through cl	inical trials	) are safer	r? *			
O Yes											
No No											
Do you believe that	disease st	tems from	your gene	es? *							
	1	2	3	4	5	6	7	8	9	10	
Do not agree	0	0	0	0	0	0	0	0	۲	0	Strongly agree

5

0 0 0 0 0 0 0 0

6

7

8

9

10

0

Strongly agree

Do you believe that aging can be cured in your lifetime? \*

Do not agree

1 2 3 4

Same											
) Warse											
ould you like the Unite	d States (	governme	ent to allo	w these	types of r	new and e	ixperime	ntal thera	pies in th	e United S	tates? *
Yes											
) No											
rceived Safety											
you feel safe during your me	dical tourism	n experience	£7								
	lf a risk ta	ker?*									
o you consider yourse				ž	5	6	7	8	9	10	
o you consider yourse	1	2	3	10							
o you consider yourse	1 ()	2 ()	3	0	0	0	۲	0	0	0	

- O No I could not suggest others try these treatents
- () Maybe
- Yes, but I would suggest they educate themselves on the process
- Ves, I would definitely suggest people participate
- O Other:

Vor				about in		an you w	ere taking	jr -			
rea											
No No											
"No" to the answer aboy	e, please e	explain.									
itially I felt informed and ha nort, terse answers. I felt lik utting edge medical personr	d good cont e I was a bo iel.	act with the	Doctor. I a	im not plea	ased at all	out after tri by this lac	eatment I f k of follow	eel I had li up attenti	ttle to no c on and exp	ontact, my o Ianation. Ve	questions were given ery unprofessional for
id you feel safe during y	our travel?	•									
Yes											
) No											
Did vou feel safe during v	our treatm	ent?*									
107 • 108 05 800 000 000 000 • • •	100000000000000	273070									
Yes											
204											
O No											
O No											
○ No How comfortable were ye	ou with the	whole p	rocess?*								
No No	ou with the	e whole p	rocess?* 3	4	5	6	7	8	9	10	
No No	Du with the	e whole pi 2	rocess?* 3 O	4	5	6	7	8	9	10	Very comfortable

Wo	uld you participate in medical tourism again? *
۲	Yes
0	No
0	Maybe
Wa	s it easy to contact the doctor during your recovery phase? *
0	Yes
۲	No
lf tr	eated during the COVID pandemic, did you feel that practical steps were made to keep you from getting sick? *
0	Yes
۲	No

Did	you acquire COVID while traveling for your procedure? *
0	Yes
•	No

*****	this the worst part of metal tourism:
0	Travel
•	Cost
0	Doctor issues
0	Anxiety about my treatment
0	Immunosuppression side effects
0	The treatment
0	Planning the logistics
0	Other

lf *C	ther" please explain.
Wha	at is the best part of medical tourism? *
۲	Travel
0	The doctor
0	Cost
0	The experience
0	The attention I recieved
0	The food
0	Planning the logistics
0	Other:
lf "C	ther" please explain.

Please let me know if there are other comments about your experience you would like to describe. *
*****
These therapies cost a lot of money. I expected more personal attention and follow up.
Acknowledgment
Have you answered the questions to the best of your knowledge?
I have answered all questions to the best of my knowledge. *
• Yes
O No
This form was created inside of BioViva.

Google Forms

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Int	rad	LICT	inn
	11111		

This questionnaire is to better understand how you experienced medical tourism. Your reasons for participation, your personal consideration, and how safe you felt during the process. Some questions about your perceptions on disease, your thoughts on experimental medicine and accessibility will be asked.

Agreement to take part in research	

Do you agree to take part in this research?

I understand that this questionnaire is voluntary.\*

Ves Yes

I understand that my personal information and name will NOT be shared. \*



I understand that my answers will be part of a research paper for a dissertation in relation to innovating healthcare and my answers will be in the paper. \*



hy you participated in medical tourism ?	
or a family member participated in medical tourism because: (Check all that apply) *	
There are no other treatments for my condition	
I was curlous and wanted to try something new	
✓ I want to be part of developing technologies	
I believe it is the only solution to my problem	
I enjoy taking ristks	
It was cheaper than I could get the same treatment elsewhere	
Other:	

Why did you choose your therapy? *	
Aesthetics - I want to look better	
Health - 1 want to feel better	
Life threatening disease	
Both aesthetics and health reasons	
All of the above	
Why did you choose an experimental therapy? *	
No other options for my disease	
It seemed exciting and new	
I did a lot of research	
O Other	
If *Other" please explain.	
Personal Considerations	3
	2

What	rre your personal beliefs around your healthcare?
lbe	ieve that biological aging is a disease? *
۲	Yes
0	No
Who	o do you believe should choose your healthcare? *
۲	I choose for myself
0	I believe the government should choose for me
Doy	you prefer standard care or medical tourism? *
۲	Standard care.
0	Medical tourism

Yes											
) No											
o you believe tha	t disease s	tems from	your gene	es? *							
	1	2	3	4	5	6	7	8	9	10	
Do not agree	0	0	0	0	0	0	۲	0	0	0	Strongly agree
o you believe tha	t aging can	be cured	in your life	time? *							
	1	2	3	4	5	6	7	8	9	10	
	0	0	0	0	0	0	0	۲	0	0	Strongly agree

Hov	w has your life changed in any way since the treatment? *
0	Better
0	Same
0	Worse
Wo	uld you like the United States government to allow these types of new and experimental therapies in the United States? *
۲	Yes
0	No
Perc	ceived Safety
Did ya	ou feel safe during your medical tourism experience?

	1	2	3	4	5	6	7	8	9	10	
No, not a risk taker	0	0	0	0	0	0	0	۲	0	0	Yes, I am a risk taker
ould you suggest othe	r people	take part	in the th	erapies y	ou engag	ed in? *					
) No I could not suggest	t others try	y these trea	stents								
) Maybe											
) Yes, but I would sugge	st they ed	ucate then	nselves on	the proce	SS						
			12.22								
Yes, I would definitely	suggest p	eople parti	cipate								

Did	you feel informed by your medical tourism doctor about the treatment you were taking? *
۲	Yes
0	No
lf "N	No* to the answer above, please explain.
Did	you feel safe during your travel? *
۲	Yes
0	No
Did	you feel safe during your treatment? *
۲	Yes
0	No

How comfortable were yo	u with the	whole p	rocess? *								
	1	2	3	4	5	6	7	8	9	10	
Not very comfortable	0	0	0	0	0	۲	0	0	0	0	Very comfortable
Was medical tourism easie	er or harde	er than de	aling wit	h your pr	imary he	alth care	provider i	n the cou	intry you	live in? *	
Harder											
C Easier											
O Same											
Would you participate in m	nedical to	urism aga	in?*								
O Yes											
O No											
Maybe											
/as it easy to contact the c Yes No	loctor du	ring your	recover	y phase?	*						
treated during the COVID	) pandem	ic, did yo	u feel thi	at practic	al steps	were mad	ie to keej	p you fro	m getting	sick? *	
Yes											
) No											
id you acquire COVID whi	le travelin	ng for you	ir proced	lure? *							
) Yes											

0	Travel
0	Cost
0	Doctor issues
0	Anxiety about my treatment
•	Immunosuppression side effects
0	The treatment
0	Planning the logistics
0	Other.
f*C	)ther" please explain.
Wh	at is the best part of medical tourism?*
0	The doctor
0	Cost
0	The experience
0	The attention I recieved
0	The food
0	Planning the logistics
0	Other: no other option
lf "C	Other" please explain.
	ase let me know if there are other comments about your experience you would like to describe.

Have y	you answered the questions to the best of your knowledge?
l hav	ve answered all questions to the best of my knowledge. *
۲	Yes
0	No

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Google Forms

Thi felt	is questionnaire is to better understand how you experienced medical tourism. Your reasons for participation, your personal consideration, and how safe yo during the process. Some questions about your perceptions on disease, your thoughts on experimental medicine and accessibility will be asked.
Ag	reement to take part in research
Do ye	ou agree to take part in this research?
l ur	nderstand that this questionnaire is voluntary. * Yes
l ur	nderstand that my personal information and name will NOT be shared. * Yes
l ur the	nderstand that my answers will be part of a research paper for a dissertation in relation to innovating healthcare and my answers will be a paper. *
~	Yes

Why you perticipated in medical tourism ?     I or a family member participated in medical tourism because: (Check all that apply)*      There are no other treatments for my condition       I was ourious and wanted to try semething new       I was to be part of developing technologies     I believe it is the only solution to my problem     I enjoy taking risks     I twas cheaper than I could get the same treatment elsewhere     Other*                Why did you choose your therapy?*     Aesthetics - I want to look better     I the threat reasons     All of the above  Why did you choose an experimental therapy?*     No other options for my disease            <	Reason for Participation
I or a family member participated in medical tourism because: (Check all that apply)* I have are no other treatments for my condition I was curious and wasted to try something new I want to be part of developing technologies I outrit to be part of developing technologies I enjoy taking risks: I two other than I could get the same treatment elsewhere Other: If *Other* please explain. If *Other* please explain. Why did you choose your therapy?* Assthetics -1 want to look better I heath -1 want to feel better I the the above Why did you choose an experimental therapy?* No other options for my disease I is sermed axciting and new I did a lot of research.	Why you participated in medical tourism ?
I here are no other treatments for my condition I was cursous and wanted to try something new I was cursous and wanted to try something new I was cursous and wanted to try something new I believe it is the only solution to my problem I enjoy taking risks I was cheaper than I could get the same treatment elsewhere Other Other If "Other" please explain. If "Other" please explain. Why did you choose your therapy? • I desthetics - I want to look better I the threath reasons Both aesthetics and health reasons All of the above Why did you choose an experimental therapy? • I is seemed axciting and new I is seemed axciting and new I is seemed axciting and new I id d is tor freserach.	I or a family member participated in medical tourism because: (Check all that apply)*
I was curious and wanted to try something new I want to be part of developing technologies I believe it is the only solution to my problem I enjoy taking ristks I twas cheaper than I could get the same treatment elsewhere Other: If "Other" please explain. If "Other" please explain. Why did you choose your therapy? * A sathetics - I want to look better: I health - I want to feel better Shot aesthetics and health reasons All of the above Why did you choose an experimental therapy? * I to obter options for my disease I to other options for my disease I takemed exciting and new I did a lot of research	C There are no other treatments for my condition
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I believe it is the only solution to my problem I enjoy taking ristks I twas cheaper than I could get the same treatment elsewhere Other: If "Other" please explain. If "Other" please explain. Why did you choose your therapy? • Aesthetics - I want to look better Health - I want to look better Health - I want to feel better I the treatening disease Both aesthetics and health reasons All of the above Why did you choose an experimental therapy? * I to choose an experimental therapy? * I to choose an experimental therapy? * I to de lot of research	I want to be part of developing technologies
I eripty taking ristics It was cheaper than I could get the same treatment elsewhere. Other: If "Other" please explain. If "Other" please explain. Why did you choose your therapy? * Aesthetics -1 want to look better Health -1 want to feel better Life threatening disease Both aesthetics and health reasons All of the above Why did you choose an experimental therapy? * If the above Why did you choose an experimental therapy? * I to come options for my disease It seemed exciting and new. I did a lot of research	I believe it is the only solution to my problem
It was cheaper than I could get the same treatment elsewhere   Other:   If "Other" please explain.   If "Other" please explain.   Why did you choose your therapy? •   Aesthetics - I want to look better   Health - I want to feel better   Health - I want to feel better   Elfe threatening disease   Both aesthetics and health reasons   All of the above   Why did you choose an experimental therapy? *   No other options for my disease   It seemed exciting and new.   I did a lot of research	I enjoy taking ristks
Other:   If "Other" please explain.     Why did you choose your therapy?*     Aesthetics - I want to look better   Health - I want to feel better   Health - I want to feel better   Elife threatening disease   Both aesthetics and health reasons   Ali of the above   Why did you choose an experimental therapy?*   No other options for my disease   It is eemed exciting and new.   I did a lot of research	It was cheaper than I could get the same treatment elsewhere
If "Other" please explain.         Why did you choose your therapy? •         Aesthetics - I want to look better         Health - I want to feel better         Life threatening disease         Both aesthetics and health reasons         All of the above    Why did you choose an experimental therapy? *          Is seemed exciting and new         I did a lot of research	Other:
Why did you choose your therapy?*         Aesthetics - I want to look better         Health - I want to feel better         Life threatening disease         Both aesthetics and health reasons         All of the above    Why did you choose an experimental therapy?*          No other options for my disease         It seemed exciting and new         I did a lot of research	If "Other" please explain.
Why did you choose your therapy?*   Aesthetics - I want to look better   Health - I want to feel better   Life threatening disease   Both aesthetics and health reasons   All of the above   Why did you choose an experimental therapy?*   No other options for my disease   It seemed exciting and new   I did a lot of research	
<ul> <li>Aesthetics - I want to look better</li> <li>Health - I want to feel better</li> <li>Life threatening disease</li> <li>Both aesthetics and health reasons</li> <li>All of the above</li> </ul> Why did you choose an experimental therapy?* It seemed exciting and new <ul> <li>I did a lot of research</li> </ul>	Why did you choose your therapy?*
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<ul> <li>Life threatening disease</li> <li>Both aesthetics and health reasons</li> <li>All of the above</li> <li>Why did you choose an experimental therapy? *</li> <li>No other options for my disease</li> <li>It seemed exciting and new</li> <li>I did a lot of research</li> </ul>	Health - I want to feel better
<ul> <li>Both aesthetics and health reasons</li> <li>All of the above</li> <li>Why did you choose an experimental therapy?*</li> <li>No other options for my disease</li> <li>It seemed exciting and new</li> <li>I did a lot of research</li> </ul>	Life threatening disease
<ul> <li>All of the above</li> <li>Why did you choose an experimental therapy?*</li> <li>No other options for my disease</li> <li>It seemed exciting and new.</li> <li>I did a lot of research</li> </ul>	Both aesthetics and health reasons
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<ul> <li>No other options for my disease</li> <li>It seemed exciting and new</li> <li>I did a lot of research</li> </ul>	Why did you choose an experimental therapy? *
It seemed exciting and new     I did a lot of research	No other options for my disease
O I did a lot of research	O It seemed exciting and new
	O I did a lot of research
O Other:	O Other:
If "Other" please explain.	If "Other" please explain.

hat are your personal beli											
	efs around yo	ur healthcar	e?								
believe that biolog	ical aging i	s a diseas	e? *								
Nor											
les les											
) No											
Vho do you believe	should ch	oose your	healthcar	ne? *							
L choose for mys	elf										
		al deserve									
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o you prefer stand	ard care o	r medical	tourism? '								
Standard care.											
Medical tourism											
Do you believe that	regulated	drugs (dru	igs that h	ave gone t	hrough cli	inical trials	) are safer	?*			
0											
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) No											
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) No	disease st	ems from 2	your gene 3	es?* 4	5	6	7	8	9	10	
No Do you believe that Do not agree	disease st 1 〇	ems from 2	your gene 3 O	ss?★ 4 ●	s O	6	7	8	9	10	Strongly agree
No Do you believe that Do not agree Do you believe that	disease st 1 O aging can	ems from 2 O be cured	your gene 3 O	4 ••••••••••••••••••••••••••••••••••••	5	6	7	8	9	10	Strongly agree
No Do you believe that Do not agree Do you believe that	disease st 1 O aging can 1	ems from 2 O be cured 2	your gene 3 O in your life 3	4 ••••••••••••••••••••••••••••••••••••	5 ()	6 0	7 () 7	8	9	10	Strongly agree
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Same											
) Worse											
ould you like the Uniter	d States g	overnme	nt to allo	w these t	types of r	new and e	xperime	ntal thera	pies in th	e United S	States? *
Yes											
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you feel safe during your med	lical tourism If a risk tai 1	ker?* 2	3	4	5	6	7	8	9	10	
you feel safe during your med	lf a risk tal	ker?* 2	3	4	5	6	7	8	9	10	
you feel safe during your med to you consider yoursel No, not a risk taker	If a risk ta 1	ker?* 2	3	4	5	6	7 O	8	9	10	Yes, I am a risk taker
you feel safe during your med	lf a risk ta 1 0	ker?* 2	3	4	5	6	7	8	9	10	Yes, I am a risk taker
you feel safe during your med to you consider yoursel No, not a risk taker Vould you suggest othe	If a risk ta 1 O	ker?* 2 O	3 (e) in the the	4 O	5 O	6 O	7	8	9	10	Yes, I am a risk taker
you feel safe during your med to you consider yoursel No, not a risk taker Vould you suggest othe	If a risk ta 1 O	ker? * 2 0 take part	3 (e) in the the	4 O erapies y	5 O ou engag	6 O ed in? *	7	8	9	10	Yes, I am a risk taker
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<ul> <li>you feel safe during your med</li> <li>you consider yoursel</li> <li>No, not a risk taker</li> <li>Vould you suggest othe</li> <li>No 1 could not sugges</li> <li>Maybe</li> <li>Yes, but I would sugges</li> <li>Yes, 1 would definitely</li> <li>Other:</li> </ul>	If a risk ta 1 0 0 0 0 0 0 0 0 0 0 0 0 0	ker?* 2 0 take part v these trea ucate them eople parti	3 in the the stents selves on cipate	4 O erapies y	5 O ou engag	6 O	7	8	9	10	Yes, I am a risk taker

Did you feel informed by	1999 - C. S.										
	your medi	ical touris	im doctor	r about ti	he treatm	ent you w	vere takir	ig? *			
Vac.											
e res											
O No											
f "No" to the answer abo	ve, please	explain.									
Did vou feel safe during v	our travel	2*									
Yes											
O No											
Did you feel safe during y	our treatm	nent? *									
Yes											
0 10											
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low comfortable were yo	ou with the	whole p	rocess? *								
low comfortable were yo	ou with the	whole p	rocess? * 3	4	5	6	7	8	9	10	
How comfortable were yo Not very comfortable	u with the	e whole pr 2	rocess? * 3 ()	4	5	6	7	8	9 ()	10	Very comfortable
How comfortable were yo Not very comfortable	u with the	2	3 0	4	5	6	7	8	9 ()	10	Very comfortable
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How comfortable were yo Not very comfortable Was medical tourism easi Harder Easier Same Would you participate in r Yes No	er or hard	e whole pr 2 o er than de	ain?*	4 O	5 O	6 alth care	7 O	8 O	9	10	Very comfortable

Was	s it easy to contact the doctor during your recovery phase? *
۲	Yes
0	No
lf tro	eated during the COVID pandemic, did you feel that practical steps were made to keep you from getting sick? *
۲	Yes
0	No
Did	you acquire COVID while traveling for your procedure? *
0	Yes

No

Wh	at is the worst part of medical tourism? *
0	Travel
۲	Cost
0	Doctor issues
0	Anxiety about my treatment
0	Immunosuppression side effects
0	The treatment
0	Planning the logistics
0	Other:
lf "C	Other" please explain.

0	Travel
0	The doctor
0	Cost
0	The experience
0	The attention I recieved
0	The food
0	Planning the logistics
0	Other:
lf *C	ther" please explain.
Plea	se let me know if there are other comments about your experience you would like to describe. *
Plea I wo	se let me know if there are other comments about your experience you would like to describe. * Id like to have post treatment check-ups by an IHS doctor in my country/Europe.
Plea I wo	se let me know if there are other comments about your experience you would like to describe. * Ild like to have post treatment check-ups by an IHS doctor in my country/Europe. nowledgment
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Plea I wo Ack nave	se let me know if there are other comments about your experience you would like to describe. * id like to have post treatment check-ups by an IHS doctor in my country/Europe. nowledgment answered the questions to the best of your knowledge? answered all questions to the best of my knowledge. * es

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Intro This que felt durin	Dduction stionnaire is to better understand how you experienced medical tourism. Your reasons for participation, your personal consideration, and how safe you g the process. Some questions about your perceptions on disease, your thoughts on experimental medicine and accessibility will be asked.
Agreem	ent to take part in research
)o you agri	re to take part in this research?
l unders	itand that this questionnaire is voluntary. *
l unders	stand that my personal information and name will NOT be shared. *
l unders the pap	stand that my answers will be part of a research paper for a dissertation in relation to innovating healthcare and my answers will be in er. *
Yes	
Yes Decous Keason Why you p	For Octivization rtor Farucipation articipated in medical tourism ?
Ver Reason Why you p	For Participated in medical tourism ? articipated in medical tourism because: (Check all that apply) *
Yes Norson Why you p I or a fa	articipated in medical tourism ? amily member participated in medical tourism because: (Check all that apply) *
Ver Norson Why you p I or a fa	An On the formulation for a reaction of the form of th
Ver Consol Why you p I or a fa Th I w Ver	TO For Controlection  TO For Composition  articlipated in medical tourism ?  articlipated in medical tourism because: (Check all that apply) *  ere are no other treatments for my condition ras curious and wanted to try something new rant to be part of developing technologies
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Ver Necosoli Why you p I or a fa I m I w I w I w I w I w I w I w I w	Tor For Destroise from Tor For Departor:  articipated in medical tourism ?  articipated in medical tourism because: (Check all that apply) *  are are no other treatments for my condition as curious and wanted to try something new arat to be part of developing technologies eleve it is the only solution to my problem njoy taking ristks
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Why d	d you choose your therapy? *
	sthetics - I want to look better
н	alth - I want to feel better
🗌 Li	e threatening disease
В	th aesthetics and health reasons
□ A	of the above
Why d	d you choose an experimental therapy? *
• N	o other options for my disease
0 11	seemed exciting and new
0 1	id a lot of research
0 0	her
KION	
ii Oui	r prease explaint.
Pareon	al Considerations
Tereser	
What are	your personal beliefs around your healthcare?
What are	your personal beliefs around your healthcare?
What are	your personal beliefs around your healthcare? ve that biological aging is a disease? *
What are	your personal beliefs around your healthcare? ve that biological aging is a disease? *
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I belie	your personal beliefs around your healthcare? ve that biological aging is a disease? * es
I belie	your personal beliefs around your healthcare? ve that biological aging is a disease? * es o lo you believe should choose your healthcare? *
What are I belie Y N Who c () 1	your personal beliefs around your healthcare? ve that biological aging is a disease? * es o lo you believe should choose your healthcare? * choose for myself
Whet are I belie Vho o Who o I h	your personal beliefs around your healthcare? ve that biological aging is a disease? * es o lo you believe should choose your healthcare? * choose for myself
What are I belie Vho o Who o I I I I I I I I I I I I I	your personal beliefs around your healthcare? we that biological aging is a disease? * es o lo you believe should choose your healthcare? * choose for myself believe the government should choose for me
What are I belie Vho c () N Who c () I () I Do yo	your personal beliefs around your healthcare? we that biological aging is a disease? * es o to you believe should choose your healthcare? * choose for myself believe the government should choose for me u prefer standard care or medical tourism? *
What are I belie Vho c I belie Vho c I b Vho c I b Vho c I b Vho c I b I b Vho c I b I b I b I b I b I b I b I b	your personal beliefs around your healthcare? re that biological aging is a disease? * es o o o o you believe should choose your healthcare? * eshoose for myself pelieve the government should choose for me u prefer standard care or medical tourism? * tandard care.
What are I belie Vho o Who o I Do yo S I Vho o	your personal beliefs around your healthcare?  ve that biological aging is a disease? *  ss o lo you believe should choose your healthcare? *  choose for myself believe the government should choose for me u prefer standard care or medical tourism? *  tandard care.  terical tourism

Yes Yes											
) No											
Do you believe that	disease st	tems from	your gene	es? *							
	1	2	3	4	5	6	7	8	9	10	
Do not agree	0	0	0	0	۲	0	0	0	0	0	Strongly agree
o you believe that	aging can	be cured	in your life	etime? *							
	1	2	3	4	5	6	7	8	9	10	
Do not agree	0	0	0	0	0	0	0	۲	0	0	Strongly agree
1											
low has your life cl ) Better ) Same	hanged in a	any way si	ince the tr	eatment?	ŧ.						
low has your life cl ) Better ) Same ) Worse	hanged in	any way si	ince the tr	eatment?	*						
low has your life cl ) Better ) Same ) Worse Vould you like the l	hanged in i	any way si tes govern	ince the tr	eatment?	* types of t	new and e	xperiment	tal therapi	es in the U	nited State	15?*
How has your life cl Better Same Worse Would you like the N	hanged in i	any way si tes govern	ince the tr	eatment?	* types of	new and e	xperiment	tal therapi	es in the U	nited State	ıs?*
low has your life cl ) Better ) Same ) Worse Vould you like the l ) Yes ) No	hanged in A	any way si tes govern	ince the tr	eatment?	* types of	new and e	xperiment	tal therapi	es in the U	nited State	18?*
low has your life cl ) Better ) Same ) Worse /ould you like the l ) Yes ) No	hanged in i	any way si tes govern	ince the tr	eatment?	* types of	new and e	xperiment	tal therapi	es in the U	nited State	15?*

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	1	2	3	4	5	0	(	8	y	10	
No, not a risk taker	0	0	0	0	0	0	۲	0	0	0	Yes, I am a risk taker
Vould you suggest oth	er people	take par	t in the th	erapies y	ou engag	ed in? *					
Nould you suggest oth	er people st others tr	<b>take par</b> y these tre	t in the th atents	erapies y	ou engag	ed in? *					
Nould you suggest oth No I could not sugge Maybe	er people st others tr	<b>take par</b> y these tre	t in the th atents	erapies y	ou engag	ed in? *					
No I could not sugge         Maybe         Yes, but I would sugge	er people st others tr gest they ed	take par y these tre	t in the th atents mselves or	erapies y	ou engag	ed in? *					
Would you suggest oth         No I could not sugge         Maybe         Yes, but I would sugge	er people st others tr gest they ed	take par y these tre lucate the	t in the th atents mselves or ticipate	erapies you	ou engag	ed in? *					

Did	I you feel informed by your medical tourism doctor about the treatment you were taking? *
۲	Yes
0	No
lf "1	No" to the answer above, please explain.
Did	i you feel safe during your travel? *
۲	Yes
0	No
Did	l you feel safe during your treatment? *
•	Yes
0	No

Ho	w comfortable were yo	ou with the	whole p	rocess? *								
		1	2	3	4	5	6	7	8	9	10	
	Not very comfortable	0	0	0	0	0	0	۲	0	0	0	Very comfortable
Wa	s medical tourism easi	er or hard	er than de	ealing wit	h your pr	rimary he	alth care	provider i	in the cou	intry you	live in? *	
0	Harder											
0	Easier											
0	Same											
Wo	uld you participate in r	nedical to	urism aga	in? *								
•	Yes											
0	Maybe											
Wa	s it easy to contact the	doctor d	uring you	r recover	y phase?							
0	Yes											
0	No											
lft	reated during the COV	ID pander	nic, did y	ou feel th	at practio	cal steps	were mad	le to keep	o you fror	n getting	sick? *	
۲	Yes											

O No

YesNo

Did you acquire COVID while traveling for your procedure?\*
Wh	at is the worst part of medical tourism? *
0	Travel
0	Cost
0	Doctor issues
۲	Anxiety about my treatment
0	Immunosuppression side effects
0	The treatment
0	Planning the logistics
0	Other.
If "C	Other" please explain.

Wha	at is the best part of medical tourism? *
0	Travel
۲	The doctor
0	Cost
0	The experience
0	The attention I recieved
0	The food
0	Planning the logistics
0	Other:
lf "C	)ther" please explain.
Plea Alth	use let me know if there are other comments about your experience you would like to describe. * ough I did not have the desired results I would take the chance again.
Ack	nowledgment

Have you answered the questions to the best of your knowledge?
I have answered all questions to the best of my knowledge. *
• Yes
O No
This form was created inside of BioViva.

~								
-	1	~	~1	10.	E.	2.0	-	-
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			- CT					

## Introduction

This questionnaire is to better understand how you experienced medical tourism. Your reasons for participation, your personal consideration, and how safe you felt during the process. Some questions about your perceptions on disease, your thoughts on experimental medicine and accessibility will be asked.

Agreement to take part in research
Do you agree to take part in this research?
l understand that this questionnaire is voluntary. *
I understand that my personal information and name will NOT be shared. *
l understand that my answers will be part of a research paper for a dissertation in relation to innovating healthcare and my answers will be in the paper. *

15255	
'hy yo	) participated in medical tourism ?
or a	family member participated in medical tourism because: (Check all that apply) *
~	There are no other treatments for my condition
	I was curious and wanted to try something new
~	I want to be part of developing technologies
~	I believe it is the only solution to my problem
	l enjoy taking ristks
	It was cheaper than I could get the same treatment elsewhere
	Other:
lf *O1	her" please explain.
Why	did you choose your therapy? *
	Aesthetics - I want to look better
~	Health - I want to feel better
~	Life threatening disease
	Both aesthetics and health reasons
	All of the above
Why	did you choose an experimental therapy? *
•	No other options for my disease
0	It seemed exciting and new
0	I did a lot of research
0	Other.
lf *O	:her" please explain.

What are your personal beliefs around your healthcare?
I believe that biological aging is a disease? *
Yes
○ No
Who do you believe should choose your healthcare?*
I choose for myself
I believe the government should choose for me
Do you prefer standard care or medical tourism? *
O Standard care.
Medical tourism

Do you believe that	regulated	drugs (dr	ugs that h	ave gone t	through cl	inical trials	i) are safe	r? *			
Yes											
O No											
Do you believe that	disease st	tems from	your gene	es? *							
	1	2	3	4	5	6	7	8	9	10	
Do not agree	0	0	0	0	0	0	۲	0	0	0	Strongly agree
Do you believe that	aging can	be cured	in your life	etime? *							
	1	2	3	4	5	6	7	8	9	10	
Do not agree	0	0	0	0	0	0	0	0	۲	0	Strongly agree

Better											
) Same											
) Worse											
ould you like the United	d States g	overnme	nt to allo	w these t	types of r	new and e	xperime	ntal thera	pies in th	e United	States? *
Yes											
) No											
erceived Satety											
you feel safe during your mee	dical tourism	experience	?								
you feel safe during your med	sical tourism	experience ker? *	?								
you feel safe during your med	dical tourism If a risk tal 1	experience ker? * 2	3	4	5	6	7	8	9	10	
you feel safe during your med Do you consider yourse No, not a risk taker	lical tourism	experience ker?* 2	3	4	5	6	7 O	8	9	10 •	Yes, I am a risk taker
you feel safe during your med Do you consider yourse No, not a risk taker Nould you suggest othe	lf a risk tal 1 0	experience ker? * 2 0 take part	? 3 O in the th	4 O erapies y	5 O ou engag	6 O	7	8	9	10	Yes, I am a risk taker
you feel safe during your med Do you consider yourse No, not a risk taker Would you suggest othe	If a risk tal 1 O er people t	experience ker?* 2 0 take part	? 3 O in the th atents	4 O erapies y	5 O ou engag	6 O	7	8	9	10 •	Yes, I am a risk taker
you feel safe during your med Do you consider yourse No, not a risk taker Would you suggest othe No I could not sugges	lf a risk tal 1 O er people t	experience ker?* 2 0 take part	? 3 O in the th atents	4 O erapies y	5 O	6 O	7	8	9 O	10	Yes, I am a risk taker
you feel safe during your med Do you consider yourse No, not a risk taker Would you suggest othe No I could not sugges Maybe Yes, but I would sugg	If a risk tal 1 cr people t st others try est they edu	experience ker?* 2 0 take part these trea	? 3 O in the th atents	4 O erapies y	5 O ou engag	6 O	7	8	9	10	Yes, I am a risk taker
you feel safe during your med Do you consider yourse No, not a risk taker Would you suggest othe No I could not sugges Maybe Yes, but I would sugg Yes, I would definitely	If a risk tai 1 er people t st others try est they edu	experience ker?* 2 0 take part these trea ucate them eople parti	? 3 O in the th atents	4 O erapies y	5 O ou engag	6 O	7	8	9	10	Yes, I am a risk taker
<ul> <li>you feel safe during your med</li> <li>Do you consider yourse</li> <li>No, not a risk taker</li> <li>Would you suggest othe</li> <li>No I could not sugges</li> <li>Maybe</li> <li>Yes, but I would sugg</li> <li>Yes, I would definitely</li> <li>Other:</li> </ul>	If a risk tal 1 0 er people t st others try est they edi r suggest pr	experience ker? * 2 0 take part these trea ucate then eople parti	? 3 O in the th atents nselves or icipate	4 O erapies y	5 O ou engag	6 O	7	8	9 O	10	Yes, I am a risk taker

Did	you feel informed by your medical tourism doctor about the treatment you were taking? *
•	Yes
0	No
lf *N	lo" to the answer above, please explain.
Did	you feel safe during your travel? *
•	Yes
0	No
Did	you feel safe during your treatment? *
•	Yes
0	No
Hov	v comfortable were you with the whole process? *

	1	2	3	4	5	6	7	8	9	10	
Not very comfortable	0	0	0	0	0	0	0	0	0	۲	Very comfortable
/as medical tourism easie	er or hard	er than d	ealing wit	h your pr	imary he	alth care (	provider i	n the cou	intry you l	ive in? *	
) Harder											
Easier											
) Same											
) Same											
) Same ould you participate in m	nedical to	urism aga	ain? *								
) Same fould you participate in m ) Yes	nedical to	urism aga	ain? *								
) Same fould you participate in m ) Yes ) No	nedical to	urism aga	ain? *								

Was	s it easy to contact the doctor during your recovery phase? *
۲	Yes
0	No
lf tr	eated during the COVID pandemic, did you feel that practical steps were made to keep you from getting sick? *
•	Yes
0	No
Did	you acquire COVID while traveling for your procedure? *
0	Yes
•	No
Wha	it is the worst part of medical tourism? *
wind	t is the worst part of medical tourism:
0	Travel
0	Cost
0	Doctor issues
0	Anxiety about my treatment
0	Immunosuppression side effects
0	The treatment
0	Planning the logistics
0	Other:

What is the best part of medical tourism? *	
0	Travel
۲	The doctor
0	Cost
0	The experience
0	The attention I recieved
0	The food
0	Planning the logistics
0	Other:
lf "C	Dther" please explain.
Plea I arr agri	ase let me know if there are other comments about your experience you would like to describe. * anged the medical procedure for my common my common did the actual travel with her, as he is less at risk of complications should he contract COVID. We all sed that everything went very smoothly.
Ack	nowledgment
-	
Have	you answered the questions to the best of your knowledge?
l ha	ve answered all questions to the best of my knowledge. *
۲	Yes
0	No

This form was created inside of BioViva.

Google Forms