



Elderly Teledentistry Applications for Oral and Dental Needs: Real-Time Monitoring Using Google Trends

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ABSTRACT

Tele dentistry is a rapidly evolving field of healthcare that has the potential to revolutionize the way oral health care is delivered. It is especially relevant for the elderly population who often have limited mobility, transportation issues, and medical co-morbidities that prevent them from accessing dental care. Teledentistry is the provision of dental care using telecommunication technologies such as video conferencing, image sharing, and store-and-forward technology. Tele dentistry can provide real-time monitoring of the oral cavity, improve access to care, and enhance patient satisfaction. In this article, we will explore the applications of tele dentistry for elderly patients and the role of Google Trends in monitoring the trends and preferences of the elderly population.

Keywords: Critical gerontology; Clinical geriatrics; Alzheimer's

INTRODUCTION

The elderly population is growing rapidly, and with it, the need for accessible and affordable healthcare is increasing. Oral health is an important aspect of overall health and well-being, but dental care for the elderly is often challenging due to mobility issues, transportation barriers, and medical comorbidities. Tele dentistry can overcome these barriers by enabling dental professionals to provide care remotely. There are several applications of tele dentistry for elderly patients.

LITERATURE REVIEW

Tele dentistry can enable dental professionals to monitor the oral health of elderly patients in real-time. This can be particularly useful for patients with chronic conditions such as periodontal disease or oral cancer, who require frequent monitoring and follow-up. Tele dentistry can provide a convenient and cost-effective way to monitor these patients without the need for frequent office visits [1].

Another essential role of microorganisms is in decomposition. Decomposition is the process by which dead organisms and organic matter are broken down into simpler compounds. This process is vital in maintaining the health of ecosystems by preventing the accumulation of waste and toxic materials. Microorganisms such as bacteria and fungi are responsible for breaking down organic matter and releasing nutrients back into the soil. Without

microorganisms, the buildup of dead organic matter would quickly become a problem, leading to an imbalance in the ecosystem.

DISCUSSION

Remote consultation and diagnosis: Teledentistry can enable dental professionals to diagnose and treat oral health problems remotely. This can be particularly useful for elderly patients who live in remote areas where access to dental care is limited. Teleconsultation can provide a convenient and cost-effective way to diagnose and treat oral health problems, which can improve patient outcomes and satisfaction. **Follow-up care:** Teledentistry can enable dental professionals to provide follow-up care to elderly patients after dental procedures. This can be particularly useful for patients who have difficulty traveling to the dental office for follow-up appointments. Teledentistry can provide a convenient and cost-effective way to monitor these patients and ensure that they are healing properly.

Oral health education: Teledentistry can enable dental professionals to provide oral health education to elderly patients. This can be particularly useful for patients who have difficulty traveling to dental offices or who have limited access to oral health resources. Teledentistry can provide a convenient and cost-effective way to educate patients about oral health, which can improve their oral health outcomes and overall health [2].

Participants were asked to complete a variety of stress tests in

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order to ensure that different levels of stress existed during the data collection. Even though there were many different formal stress tests, the majority of them followed this format a controlled period of rest, an intense activity to cause stress, a controlled period of rest and recovery Data were gathered, processed, and categorised based on participant stress levels after collection. The accuracy was then compared to a There was only that discussed the use of wearables to identify suicidal behaviour [3].

Medical data management and processing are commonly done using computer-based systems at medical facilities. Medical professionals can use some of these technologies, such as clinical decision support systems, to automate decision-making and more accurately identify a range of health conditions Is frequently used in the diagnosis of heart disease, kidney disease, cancer, and Alzheimer's disease. It is also applied in the field of geriatrics, where it is successfully used to evaluate depressive symptoms with an average accuracy of and diagnose dementia with a balanced accuracy of with an accuracy ranging from for different cases as presented in Every study we examine makes use of different artificial intelligence approaches, such neural networks [4].

Google Trends is a web-based tool that allows users to monitor and analyze search trends over time. It can be used to track changes in search behaviour, identify emerging trends, and monitor consumer preferences. Google Trends can be a useful tool for dental professionals to monitor the trends and preferences of the elderly population regarding tele dentistry. Google Trends can provide valuable insights into the search behaviour of the elderly population regarding tele dentistry. Dental professionals can use this information to identify emerging trends and adjust their tele dentistry services accordingly. For example, if there is an increase in searches for remote consultation and diagnosis, dental professionals can develop tele dentistry services to meet this demand. Similarly, if there is a decrease in searches for real-time monitoring of oral health, dental professionals can adjust their services accordingly [5,6].

CONCLUSION

Google Trends can also be used to monitor the effectiveness of tele dentistry services. Dental professionals can track changes in search behaviour before and after the implementation of tele dentistry services to assess their impact on patient satisfaction and outcomes. For example, if there is an increase.

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CONFLICT OF INTEREST

None.

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