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## Enhancing Patient Understanding: The Impact of Educational Videos on Ophthalmology Visits

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## **Enhancing Patient Understanding: The Impact of Educational Videos on Ophthalmology Visits**

### **Abstract**

A major component of effective patient-centered care is the patient's understanding of their health condition and treatments. Increased knowledge of medical conditions can positively modify health behaviors, such as more participation in cancer screening and better adherence to medications. However, the readability of educational materials often does not match the patients' reading abilities. Instead, educational videos, which have gained prominence with the emergence of tele-visits following COVID-19, have shown promise in being beneficial to patients with lower literacy levels. For ocular pathologies, early identification and care are key in preventing vision loss. Tele-education in ophthalmology could increase patient awareness of different pathologies and motivate early screening. The purpose of this study is to assess the effectiveness of online videos in increasing patient awareness and understanding of ocular pathologies, catering to a visually impaired and non-impaired patient population.

Individuals over 55 were recruited from the IPTV program and provided a pre- and post-video survey. The video explained common eye diseases and how they affected vision. The study reveals a significant positive impact of educational videos on understanding of ocular pathologies, motivation for an eye exam, and interest in incorporating videos into visits. These findings pave the way for integrating videos into ophthalmology visits, and may contribute to more patient-centered care, prevention of serious ocular diseases, improved doctor-patient communication, and potentially greater patient satisfaction, ultimately fostering a more informed and engaged patient population in ophthalmic healthcare.

### **Keywords**

Ophthalmology, Patient Education, Telemedicine