Case Study: Impact of eReferral on Patient Efficiency and Likelihood of Referral Appointment Attendance



Improved efficiency with the implementation of eReferral, has positively impacted **referral appointment attendance**.

Efficiency and Patient Adherence

To investigate the impact of eReferral (electronic referral) on the patient experience, in-depth interviews were conducted with five patients. The patients experienced eReferrals from their primary care physicians for various medical appointments, including breast mammography, ultrasounds, and mental health therapy. Patients expressed the significance of patient adherence to referral appointments as related to the more efficient process of eReferral.

One patient shared their experience, highlighting the convenience it brought to their routine breast ultrasounds, which were required every six months. Through eReferral, their primary care physician seamlessly scheduled ongoing appointments without requiring the patient to visit the office. Instead, the patient received appointment details via email, eliminating the need for time-consuming phone calls to obtain confirmation information. The patient explained how eReferral not only improved efficiency but also contributed significantly to their referral appointment attendance for their biannual appointments. Knowing that appointment details arrived via email, it provided them peace of mind and reassurance that necessary care would seamlessly continue. "Without eReferral method it takes longer, it's confusing, doctor's office calls in a rush...sometimes you just show up even if unsure if appointment time and date is correct, so more likely to miss appointments."

Patient diagnosed with breast cancer

Several patients also emphasized that the efficiency of eReferral; it not only improved their engagement and empowerment but also enabled healthcare professionals to dedicate more of their time to delivering highquality care rather than being weighed down by administrative tasks related to referral communication.

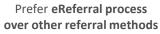
Patients were keenly aware of the difficulties and challenges associated with reaching their respective clinician's office by phone. They recognized that eReferral allowed their primary care offices to significantly reduce the volume of phone calls from patients inquiring about appointments, freeing up valuable resources to concentrate on patient-facing responsibilities.

The qualitative in-depth interviews with patients are consistent with the findings from the patient experience survey noting high satisfaction among patients (n= 27,354):





Figure 1: eReferral Patient Experience Survey 2023-2024



Background

In a study conducted in Alberta, patients noted that the convenience of tracking referral information such as appointment dates and times through email, would lead to a reduction in unnecessary phone calls to clinicians' offices and a potential decrease in missed appointments.² These finding suggest that eReferral can play a pivotal role in fostering patient adherence to referral appointment attendance. Patient adherence encompasses various aspects, including how well patients follow their clinicians' advice and adhere to treatment plans such as specialist referrals.³ The introduction of eReferral solutions appears to facilitate some of these factors by enhancing communication and coordination between patients and healthcare providers.

Table 1 outlines physician identified benefits from efficiency gains associated with eReferral solutions, through a streamlined referral process.

Table 1. Identified benefits of efficiency gains from eReferral ^{1, 2}

Improved ability to track referral information

Decrease in wait times for new appointments

Increased speed in which referrals were sent as well as the speed with which they were processed by receiving site

Increased workflow efficiency

Perceived benefits by patients of decrease in no shows due to their ability to track referrals

Acknowledgements

The Ontario eServices Program delivers digital services (eConsult and eReferral are the first initiatives in the scope of the program) that support clinical workflows and facilitate smoother transitions in care and an improved patient experience. The Ontario eServices Program is co-led by the Ontario eConsult Centre of Excellence (eConsult COE) and the eHealth Centre of Excellence (eCE) and is funded by Ontario Health.



If you have questions or would like more information, contact <u>communications@ehealthce.ca</u>. Authored by: Ummu Almaawiy, eHealth Centre of Excellence, Published: December 2023

Works Cited

- 1. Azamar-Alonso, A., Costa, A. P., Huebner, L.-A., & Tarride, J.-E. (2019). Electronic referral systems in health care: a scoping review. *Clinicoecon Outcomes Res*, 11. https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6511625/
- 2. Health Quality Council of Alberta. Patient Perspectives on an Electronic System for Alberta. (2016) Retrieved October 20, 2023.
- 3. Panahi, S., Rathi, N., Hurley, J., Sundrud, J., Lucero, M., & Kamimura, A. (2022). Patient Adherence to Health Care Provider Recommendations and Medication among Free Clinic Patients. *Journal of Patient Experience*, 9).

This document is not to be reprinted without permission from the <u>eHealth Centre of Excellence</u>.

