

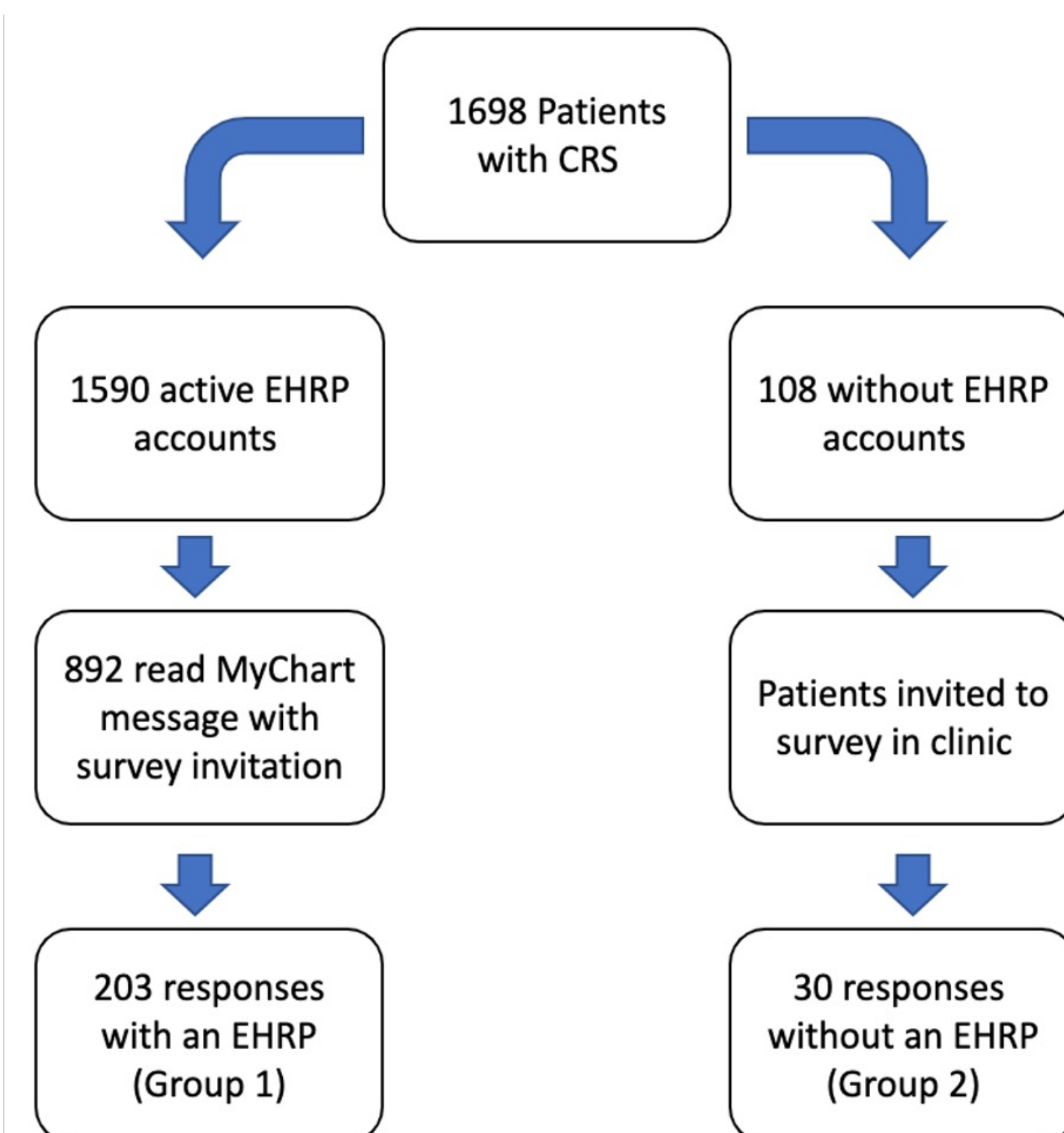


## Introduction

The 21st Century Cures Act mandates patient access and electronic viewability of physician notes. Improved transparency may facilitate patient-physician communication and medication compliance which are critical aspects of chronic rhinosinusitis (CRS) care.

This study evaluates the impact of the Cures Act on how patients with CRS perceive and utilize access to physician notes.

## Design



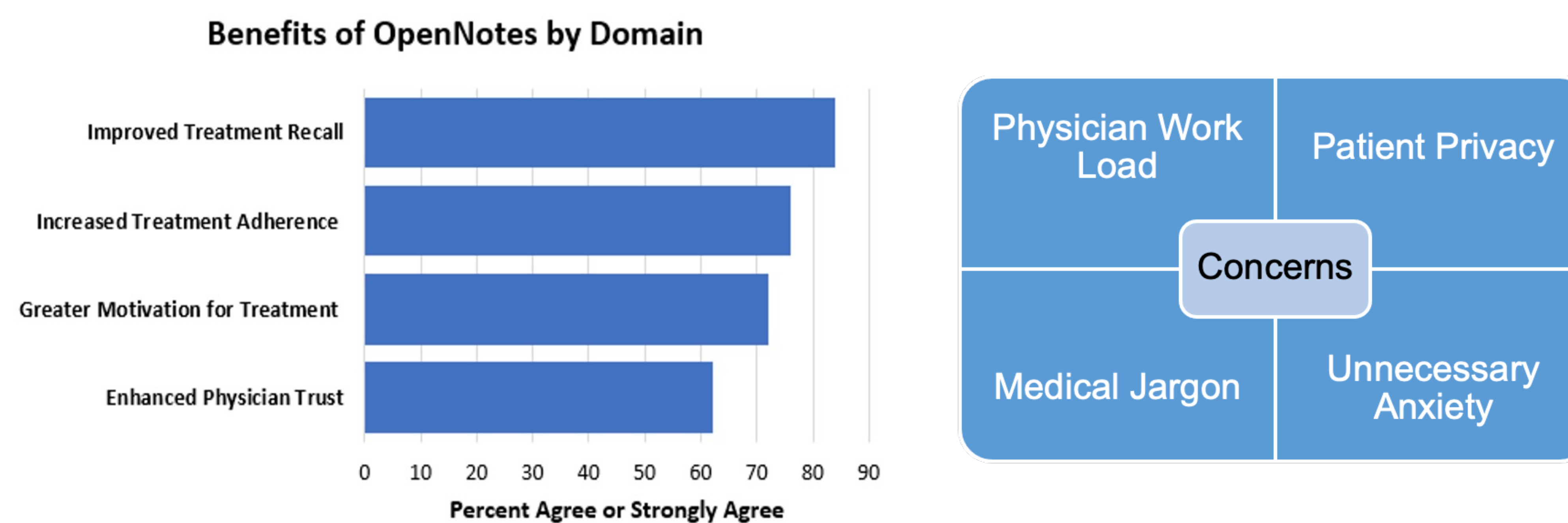
EHRP = Electronic Health Record Portal

## Methods

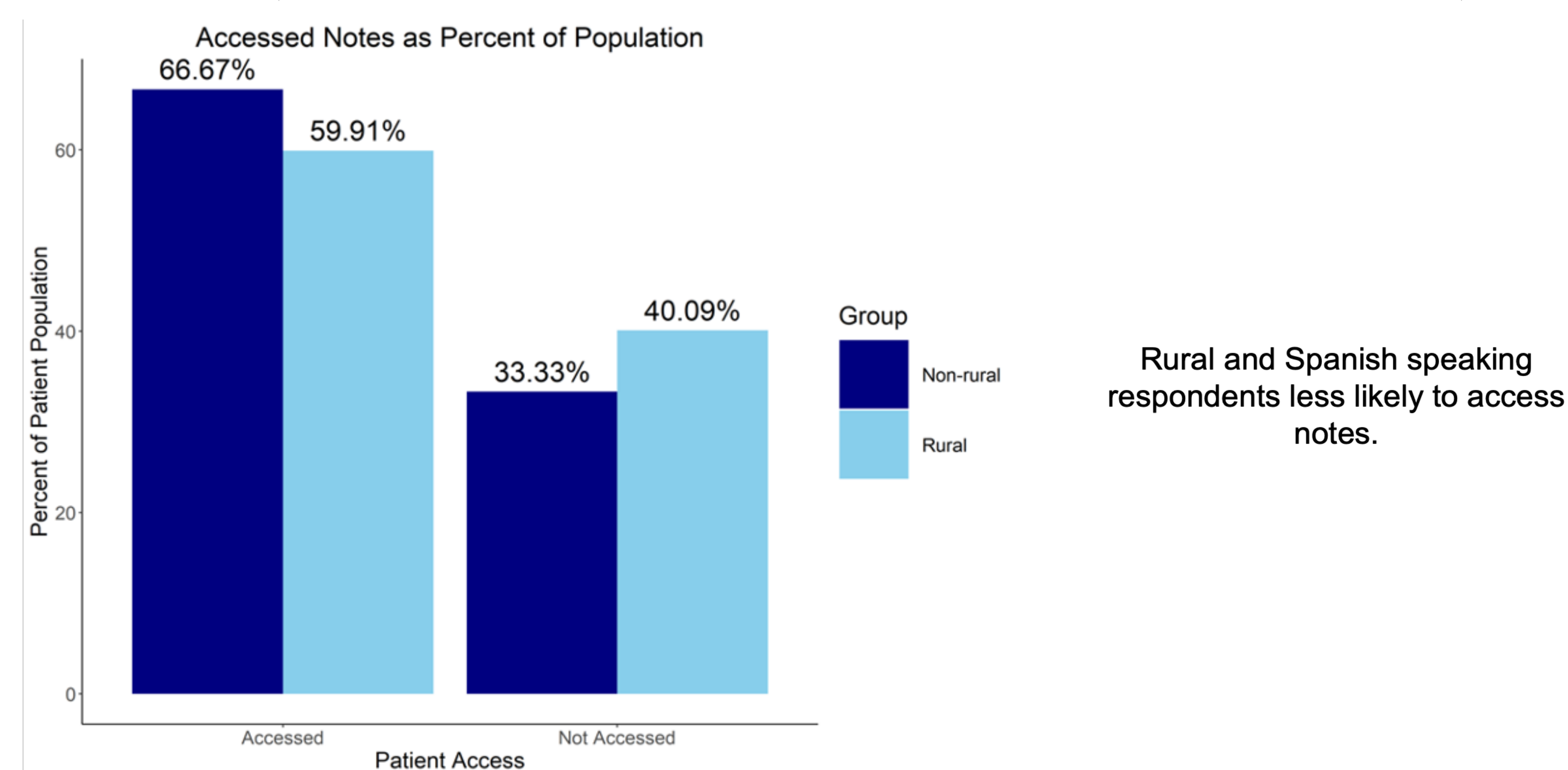
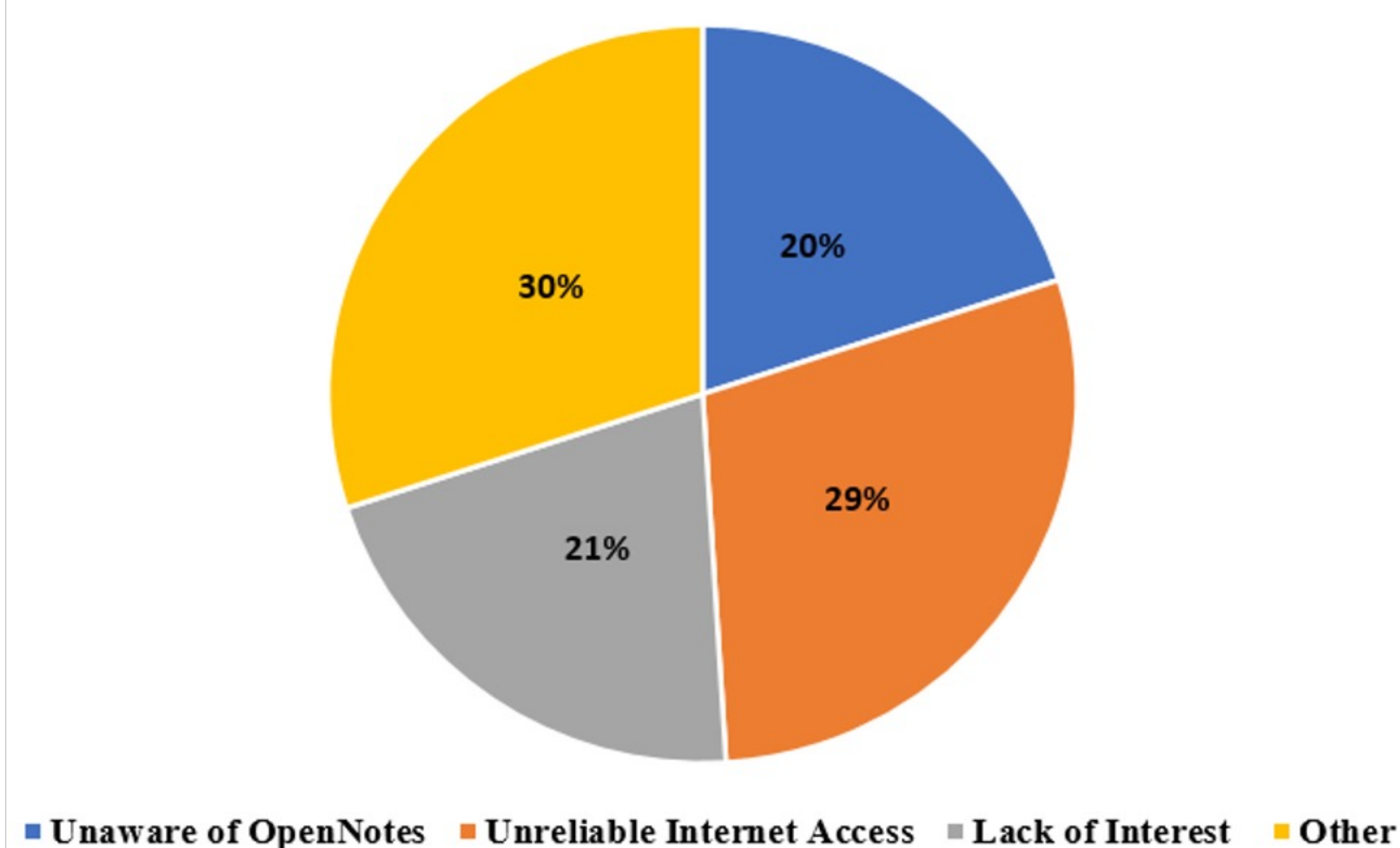
Patients receiving a CRS diagnosis between November 2020 and June 2022 in an Academic rhinology clinic met inclusion criteria for survey assessment. Demographics, geographic location, electronic health record portal (EHRP) activation, and time to access note were recorded. Participants with EHRP access were surveyed to assess perceptions of open notes and impact on care. Those without an EHRP were surveyed regarding barriers to access. Demographics and geographic location were compared between those with and without EHRP access.

## Results

A total of 203 CRS patients with EHRP access and 30 participants without an active EHRP were enrolled. Rural and Spanish speaking participants were less likely to access their physician notes ( $p = 0.04$ ) and ( $p = 0.02$ ) respectively. Most participants with an activated EHRP reported they strongly agreed or agreed that access to their notes increased treatment recall (84%), physician trust (62%), treatment adherence (76%), and motivation to follow treatment recommendations (72%). In those with EHRP access, median time to read physician note was 2.61 days (IQR 0.86,10.6). Twenty percent of respondents without an EHRP account desired EHRP access.



## Why Patients Do Not Access Notes



## Conclusion

CRS patients utilizing the EHRP report improved patient-physician relationship and increased adherence with treatment plans yet gaps in access remain. Actively engaging patients in EHRP is a target for patient activation.

## Further Study

### Strategies To Increase Utilization of OpenNotes

1. Identify and engage with patients with inactive electronic portals
2. Provide tutorials to increase patient familiarity
3. Prioritize OpenNotes marketing and advertisements
4. Study long term health benefits

## Acknowledgements

Special thanks to Shantha Rao, Dr. Scott MacDonald, and Dr. Toby Steele along with the Gordon A. McCoy Endowment Fund and the UC Davis Department of Otolaryngology.

## Affiliations and Contact

UC Davis Department of Otolaryngology - Rhinology and Skull Base Surgery

UC Davis School of Medicine

gthagwood@ucdavis.edu