

PURPOSE

To conduct a pilot study to understand the effectiveness and feasibility of introducing pregnancy related educational videos for high risk obstetric patients.

BACKGROUND

Both healthcare professionals and prospective parents consider prenatal education important for achieving positive health outcomes for both mothers and their babies, but there are often limitations to prenatal classes. Research suggests that traditional reading materials and lectures may not be effective tools for education. Utilizing technology, such as videos, can serve as an engaging and attractive vehicle for delivering information to patients of all health literacy levels.

METHODS



Figure 1: Screenshots of video title slides



Figure 2: Responder Feedback



Scan Me!

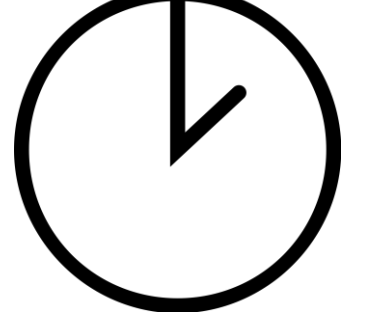



1. I found this video to be an effective learning tool.
2. The information presented in the video was relevant to me as a patient.
3. I learned something new today from this video.
4. The information was presented in a language that was understandable to me.
5. This video was offered at a convenient time.
6. I would recommend this video to other pregnant patients.

Figure 3: Likert Scale questions

DISCUSSION

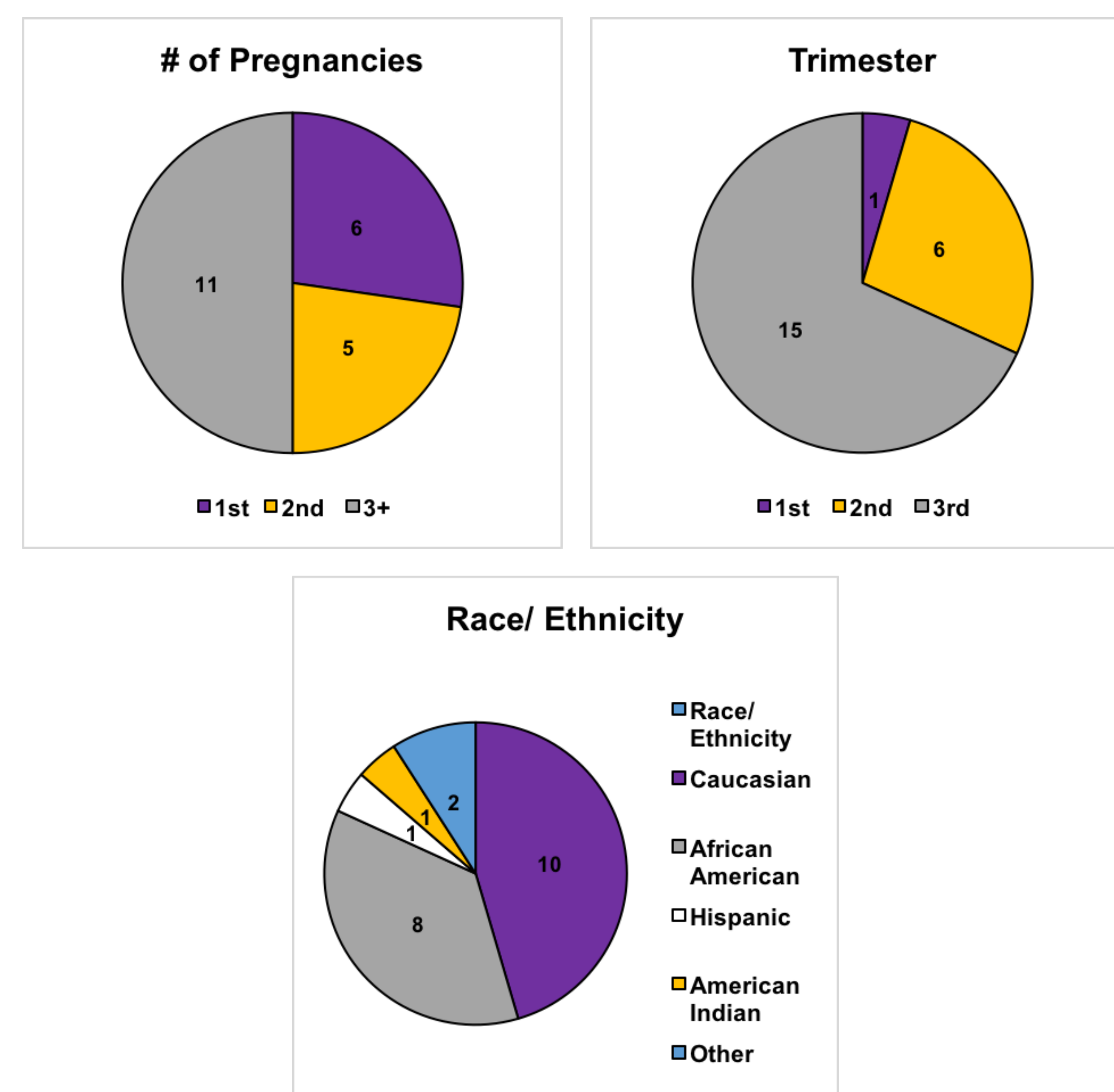
Our pregnancy-related educational videos were shown to benefit mothers during their prenatal period. The videos demonstrated to be an effective learning tool, appropriate for health literacy levels and reduced time and travel constraints. In addition, the mode of delivery of the information seemed to be successful.

LIMITATIONS

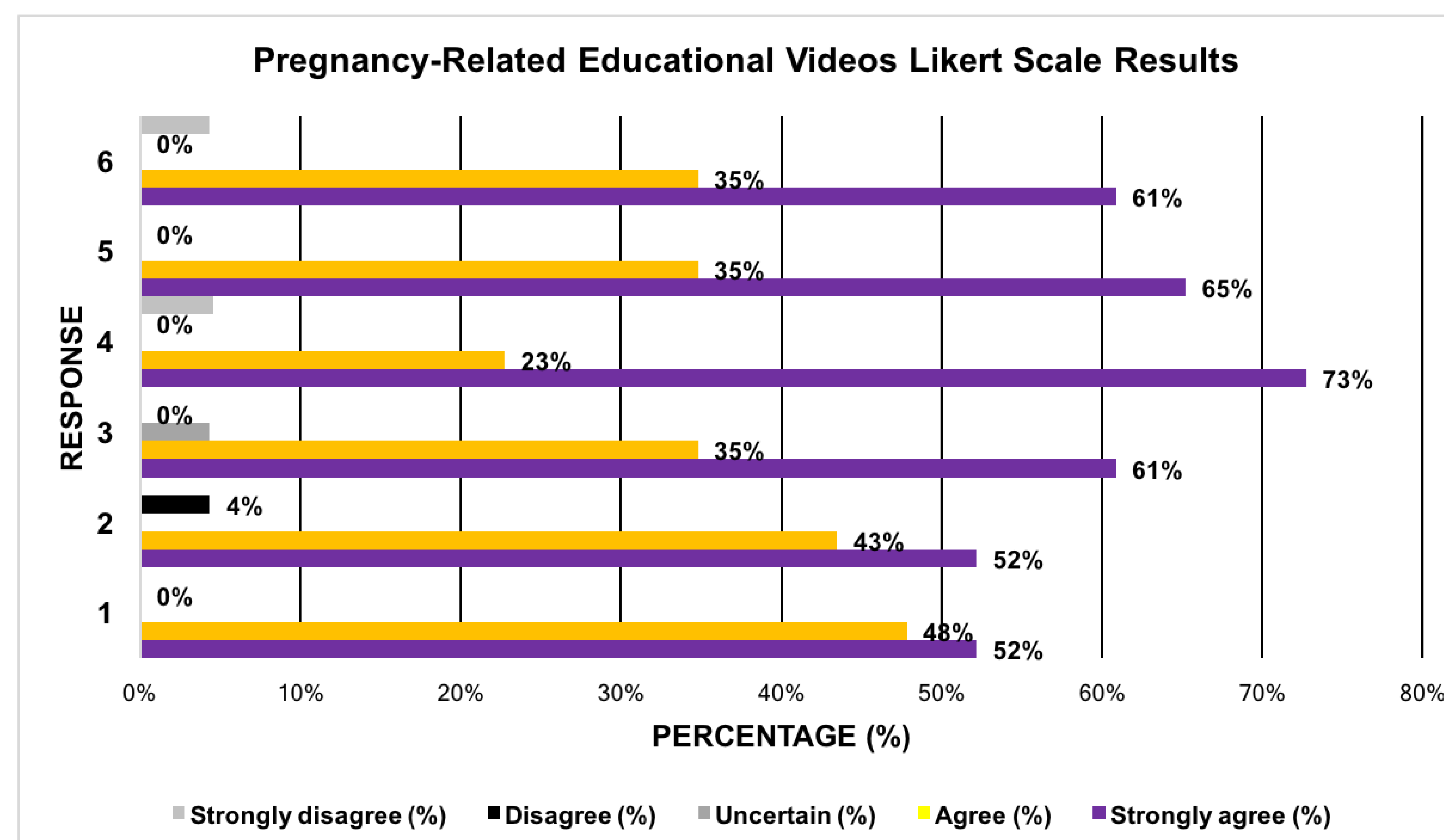
-  Patients may have watched a video but not completed the survey.
-  Despite this being a pilot study, we had a small sample size.
-  Some patients may not have watched the videos due to language barriers.
-  We did not gather feedback regarding other topics that patients want to learn about.

RESULTS

Patient Demographics



Survey Results



FUTURE DIRECTIONS

- Additional videos to cover other topics
- Make videos available in other clinics
- Translations of videos to Spanish
- Make resource available outside of clinic to make initiative more sustainable

ACKNOWLEDGEMENTS

Thank you to the following individuals and organizations for assisting in planning, implementing, and analyzing this project:

- Dr. Paul Swaney, MD, MPH
- Jenna Garris
- Melissa Tedder MaEd
- Carrie McDonald, MBA
- Mikle Myles
- Doug Barnum