6 out of 26 patients (23%) screened since June 2021 warranted referral to a nurse navigator & social worker for assistance with their SDOH burden.

**INTRODUCTION**

- Socioeconomically disadvantaged patients experience disparities in cancer care.
- The intersection between the social determinants of health (SDOH) and oncologic outcomes is not well understood because we do not routinely collect data on specific SDOH.
- Zip code of residence, median income, and insurance status are currently used as proxy markers to measure socioeconomic disadvantage.
- One cross-sectional study of US hospitals showed that only 24% of hospitals reported screening for the full spectrum of SDOH.

**AIM:** To leverage an underutilized screening tool to collect the social determinants of health and to identify specific SDOH domains which exist in our gastrointestinal cancer population.

**METHODS**

Patients over the age of 18 with a newly diagnosed GI cancer at Vidant Medical Center were included in the study.

We screened patients using a screening tool within Epic. It covers 9 SDOH domains: Transportation, Stress, Food Insecurity, Depression, Tobacco, Alcohol, Social Connections, Physical Activity, and Financial Strain.

Patients with identified needs were referred to a social worker.

**DISCUSSION**

- Most patients to date (n = 112) had 1-2 moderate or severe needs (Figure 2).
- Most common severe needs include physical activity (n=60), stress (n=52), tobacco (n=22), and food insecurity (n=9).
- Most common moderate needs include social isolation (n=71), tobacco (n=43), physical activity (n=19), and financial strain (n=12).
- SDOH screening will continue for a period of 1 year. We will assess for associations between specific SDOH domains and oncologic outcomes.

**REFERENCES**


**ACKNOWLEDGEMENTS**

A special thanks to Dr. Rebecca Snyder, Dr. Scarlett Hao, and the research team for their mentorship this summer.

We also want to thank Dr. Kori Brewer and the SSRP faculty & staff for providing support and funding for this opportunity.