

Community Engaged Research Experience with the BRAVE Study

Laura Lee Ernst (Vanderbilt University School of Medicine), Lucy B. Spalluto MD MPH (Vanderbilt University Medical Center)

Background

- Community engaged research (CEnR) is a process incorporating feedback from the people and communities that research will impact.
- The Breast cancer Risk Assessment – achieve Equity (BRAVE) study was founded on the principles of CEnR and developed in partnership with the Tennessee Breast and Cervical Screening Program (TBCSP).
- BRAVE seeks to increase the use of breast cancer risk assessment (BCRA) in community clinics to address existing disparities in breast cancer outcomes.

Objective

To create resources for providers, patients and the general public about breast cancer risk assessment and screening through processes grounded in community engaged research.

Methods

- BRAVE facilitates multiple ongoing projects:
 - Stepped-wedge clinical trial to assess uptake of BCRA in Middle TN community clinics
 - Development of patient and provider educational materials through collaboration with content experts, Community Advisory Board (CAB), and Community Engagement (CE) Studio
 - Hosting workshops to create personal narrative digital stories by local women affected by breast cancer
- Practicum tasks included program management, study recruitment and implementation, design and production of print and digital materials, and coordination among community partners.

Outcomes

Digital Stories (Videos)



Created by 4 breast cancer survivors living in rural Tennessee



Patient Rack Cards



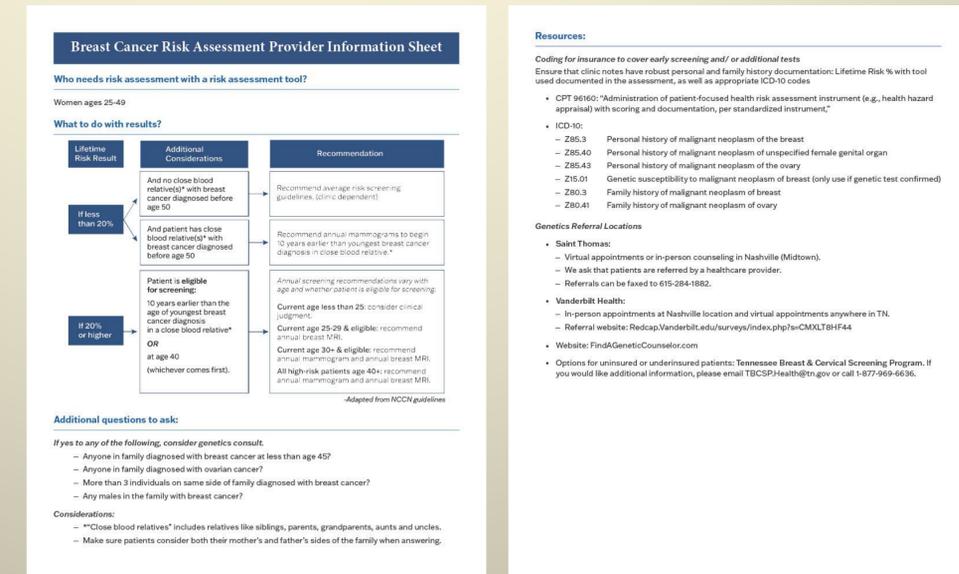
Informed by feedback from a VICTR Community Engagement (CE) Studio



Provider Information Sheets and Education Modules



Based on input from BRAVE Community Advisory Board (CAB)



Summary

Leveraging input from the CAB and CE Studio, our team produced personal narrative digital stories, detailed BCRA provider information/resource sheets and patient information “rack” cards in English, Spanish, and Arabic for use as implementation strategies in the BRAVE clinical trial.

This practicum contributed to development of sustainable community partnerships across Middle TN to improve breast cancer care.

Next Steps

- Stories will be disseminated to promote breast cancer screening, with grant proposal in progress.
- Educational materials are being shared with clinics in the BRAVE clinical trial, and their effectiveness will be evaluated through interviews and surveys.

Scientific Outputs

- Poster at Dissemination & Implementation Science Annual Meeting, December 2022
- Papers on patient & provider perspectives of BCRA, to be published in Journal of the American College of Radiology
- Educational poster on Community Engaged Research accepted at Association of University Radiologists (AUR) meeting in April 2023.

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