

Breast Cancer Health Literacy and Barriers to Mammography in a Stratified Cohort of Comprehensive Community Action Program Patients

Background

- In the U.S., breast cancer is the most common lethal cancer in women.¹
- Early detection of breast cancer leads to higher survival rates.²
- Studies in Rhode Island have shown that widespread mammographic screening has been associated with a 57% decrease in disease-specific mortality between 1987 and 2017.³
- At CCAP, there is speculation that individuals who are not timely with screening have lower health literacy scores, which may correspond with general socioeconomic status.

Objectives

- Measure functional understanding of breast cancer among CCAP patients who are eligible for mammography.
- Identify weaknesses in patient education concerning breast cancer and uncover barriers to getting mammograms.

Methods

Literature Review

Evaluated national breast cancer data, Rhode Island breast cancer data, and best practices.

Phone Survey (n=200)

Initial population included women 52-74 years of age by the end of the measurement period (1/2022-12/2022) with a visit during the measurement period. Women were assigned value of "Pass" or "Fail" for completing or not completing at least one mammogram since 10/2019. Patients were contacted by phone, and if agreed, consented, and were given a verbal health literacy assessment.

Instrument

Breast Cancer Literacy Assessment Tool (B-CLAT),⁷ 34 questions, and inquired about 1) Participants' observed barriers to completing breast cancer screening. 2) Possible areas of improvement regarding clinician-to-patient education about breast cancer.

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B-CLAT QUESTION #	CATEGORY	QUESTION THEME
B-CLAT 2	Awareness	How life-threatenting is BC
B-CLAT 4	Awareness	Can wearing certain bras lead to BC
B-CLAT 5	Awareness	Size of breasts and risk
B-CLAT 6 *	Awareness	Breastfeeding and reduction of risk
B-CLAT 13	Knowledge & Screening	Who does a mammogram
B-CLAT 14	Knowledge & Screening	Frequency of mammograms
B-CLAT 18	Knowledge & Screening	Who needs to get mammograms
B-CLAT 20	Prevention & Control	Yearly screenings and BC survival
B-CLAT 22	Prevention & Control	Lump under arm
B-CLAT 23	Prevention & Control	Family BC history and when to start mammogran
B-CLAT 26 *	Prevention & Control	Excess body weight and increased risk
B-CLAT 29	Prevention & Control	How to reduce risk of BC
B-CLAT 30	Prevention & Control	Do vitamins help prevent BC
B-CLAT 31	Access	Resources for BC screening for uninsured
B-CLAT 32	Access	Where to get BC screening for insured
B-CLAT 34 *	Access	Helping others access BC screening program



