Completion Rates of Risk Counseling Consultation for Participants Identified as High Risk for Breast Cancer within the WISDOM 1.0 Pragmatic Screening Trial

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Background

- The WISDOM (Women Informed to Screen Depending on Measures of risk) study is the first, prospective, large-scale trial that assesses risk-based mammographic screening recommendations versus annual screening.
- Women identified at high risk were invited to complete a breast health (BHS) consultation.
- The consultation consists of an automated educational tool, and a Breast Health Decisions (BHD) tool that demonstrate specific breast cancer risk factors and risk reducing options.

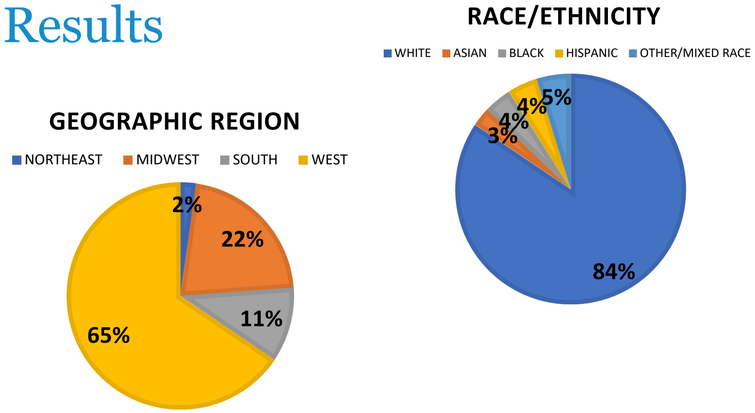
Study Aims

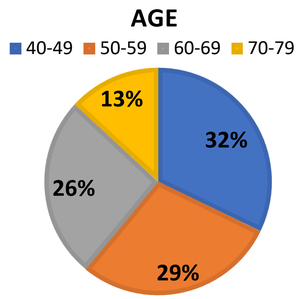
- Analyze completion rates of consultations with trained breast health specialists (BHS) examining race/ethnicity, geography, and age.
- To improve the completion rates within all three groups.

Methods

- Participants considered at high risk and without mutations were analyzed were from WISDOM 1.0 that completed the BHD tool from 2015-2023.
- Participants were categorized and compared by:
  - Age (40-49, 50-59, 60-69, and 70-79)
  - Race/ethnicity (White, Asian, Black, Hispanic, and Other/Mixed race)
  - Geographic region (Midwest, Northeast, South, and West)

Results





RACE	BHS Offered	% Completed
WHITE	2434	68
ASIAN	78	54
BLACK	112	41
HISPANIC	122	62
OTHER/MIXED RACE	137	77

GEOGRAPHIC REGION	BHS Offered	% Completed
NORTHEAST	64	69
MIDWEST	623	84
SOUTH	306	51
WEST	1888	64

AGE	BHS Offered	% Completed
40-49	928	68
50-59	830	71
60-69	747	69
70-79	378	52

Conclusions

- Black women had the lowest BHS completion rate.
- Almost equal percentage of BHS completion rates were high and similar in all age groups except for ages 70-79.
- Most participants that completed the BHS consult were White, ages 40-49, and from the West Coast.

Future Directions

- Continue to enroll participants from racial and ethnic and geographic backgrounds that are currently under-represented in the study.
- Enrollment of racial and ethnic backgrounds increased the last two years; we will analyze the counseling and completion rates within these groups.

	White, NH	Black/ AA	NH/PI/AI /AN, NH	Asian, NH	2+ races NH	Hispanic/ Latino	Unknown /other
Start-2019	81.4%	1.7%	0.3%	4.5%	2.7%	8.1%	1.2%
2020	74.9%	4.1%	0.4%	5.9%	3.3%	10.4%	1.0%
2021	73.4%	8.1%	0.5%	4.0%	3.1%	10.2%	0.7%
2022	67.4%	11.5%	0.6%	4.4%	3.9%	11.4%	0.7%
2023	59.4%	17.5%	0.8%	5.8%	3.1%	11.8%	1.5%
All Time	75.6%	5.6%	0.4%	4.6%	3.1%	9.6%	1.0%

- Identify barriers inhibiting completion of BHS consultations to adjust and improve our methods.

Acknowledgments

This study was supported by the Patient Centered Outcomes Research Institute (PCS-1402-10749), the National Cancer Institute (R01CA237533), the Breast Cancer Research Foundation (SPEC-18-006, SPEC-22-018, SPEC-24-026), Robert Wood Johnson Foundation (Pioneer Pitch Award 71864), Safeway Foundation, Bright Pink, Mt. Zion Health Fund, V Foundation, Sanford Foundation, Salesforce and our generous donors (Ron Conway Family, Dorian Daley and Michael Krautkramer, Charles and Ivette Esserman, Marc and Lynne Benioff).