

# Increasing Utilization of Cancer Survivorship Resources of African American Breast Cancer Patients

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# Institutional Overview

- Cardinal Bernardin Cancer Center
- 385 new breast oncology cases annually
- 72 African American (AA) cases
- Accreditations:
  - American College of Surgeons
  - American College of Radiology Breast imaging centers



# Team members

**Kathleen Fujju, MBA,RN,BSN**

Manager Cancer Center, Cancer Center  
Community Outreach Coordinator

**Nazzara Chervinko, LMSW**

Social Work

**Patricia Robinson, MD**

Lead Physician, Breast Medical Oncology

**Cathy Grace Louthen, RN, MSN**

Breast Program, Nurse Coordinator



ASCO QTP Coach – Arpan Patel, MD, Chief Quality Officer Division  
of Hematology Oncology, Wilmot Cancer Institution, University of  
Rochester, NY



# Problem Statement

Between March 1<sup>st</sup> 2020 and March 1<sup>st</sup> 2021, <10% of African American breast cancer patients who received curative intent therapy utilized the Cardinal Bernardin Cancer Center Survivorship Clinic. The lack of utilization of this program leads to inefficient application of resources, decreased survivorship care, reduced patient experience, and diminished opportunity for survivorship education/literacy.

# Outcome Measure

## Baseline data summary

Item	Description
Measure:	Number of patients obtaining summary of care plan
Patient population: <i>(Exclusions, if any)</i>	All eligible cancer patients- curative intent solid tumors
Calculation methodology: <i>(i.e. numerator &amp; denominator)</i>	IT abstraction and manual review
Data source:	Tumor registry
Data collection frequency:	Reports generated yearly Reported yearly to cancer committee
Data limitations: <i>(if applicable)</i>	EMR (Epic) not able to pull summary of care plans

# Outcome Measure

## Baseline data

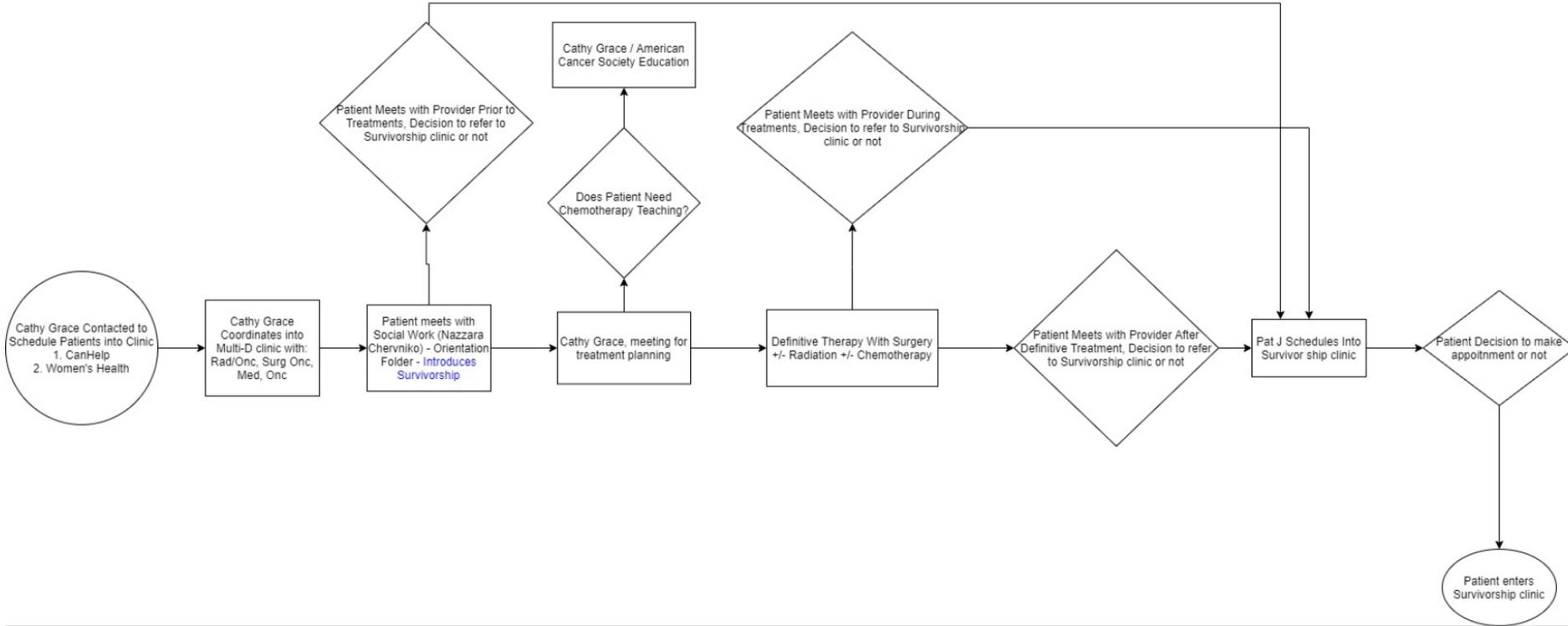
- 72 new African American breast cancer patients
  - 40 Diagnosed and treated at LUMC
  - 31 Diagnosed elsewhere and treated at LUMC
  - 1 Diagnosed at LUMC, treated elsewhere

stage	AA	other
0	15	56
1A	20	130
1B	14	39
2A	4	16
2B	3	16
3A	5	1
3B	2	7
3C	0	3
4	8	12
N/A	1	4
Total	72	290

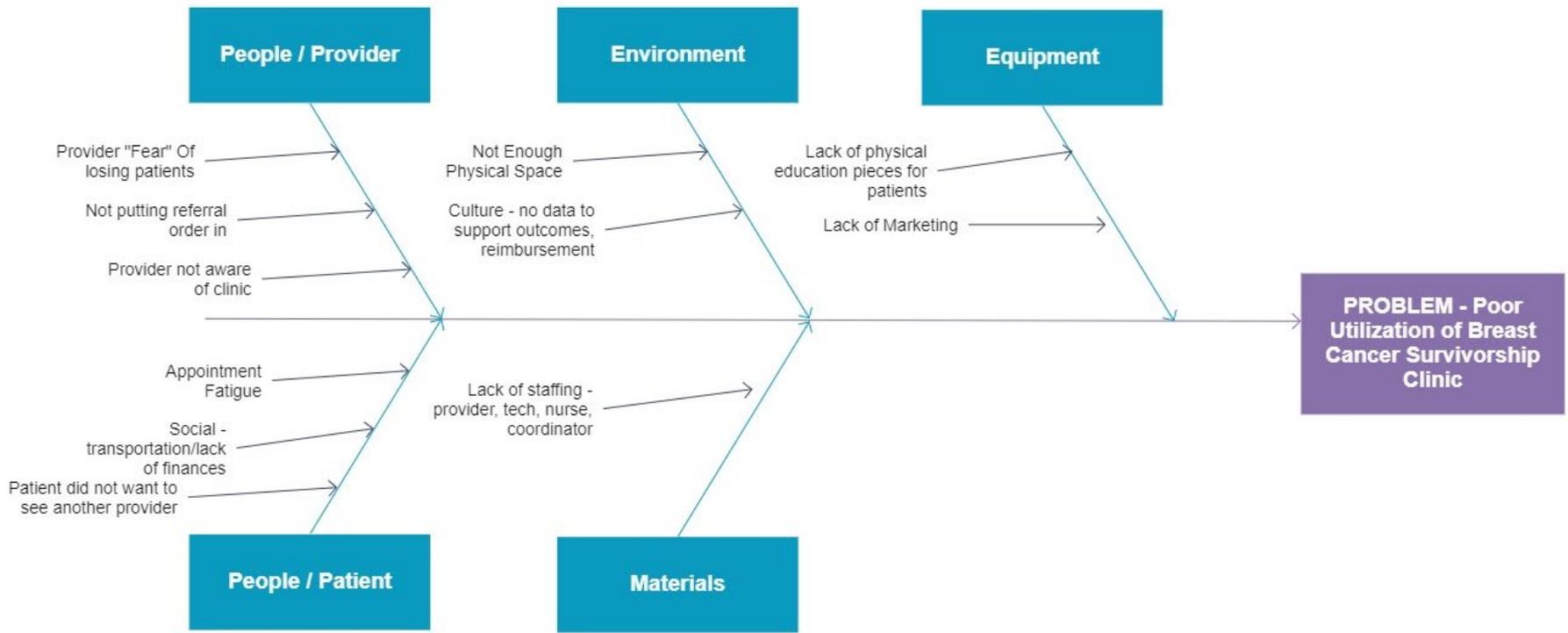
# Aim Statement

Thirty percent of African American breast cancer patients who received curative intent therapy will utilize the Cardinal Bernardin Cancer Center survivorship program by December 2021.

# Process map - Current

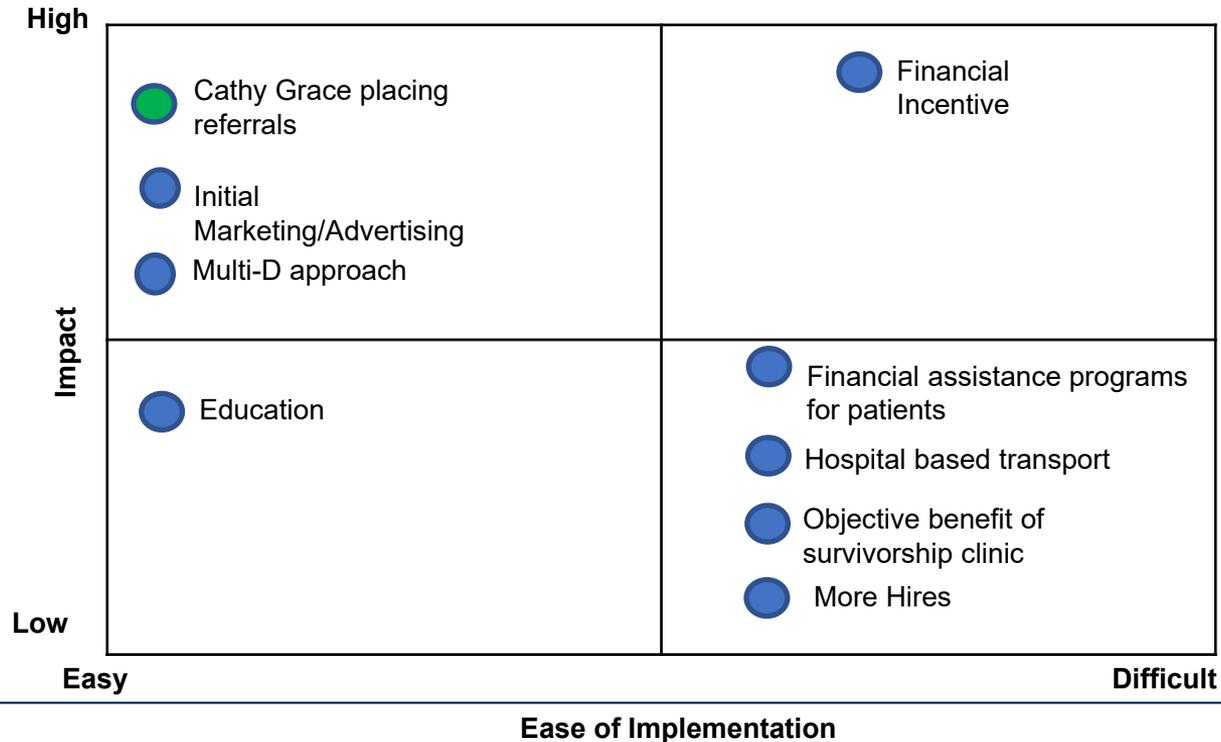


# Cause and Effect diagram

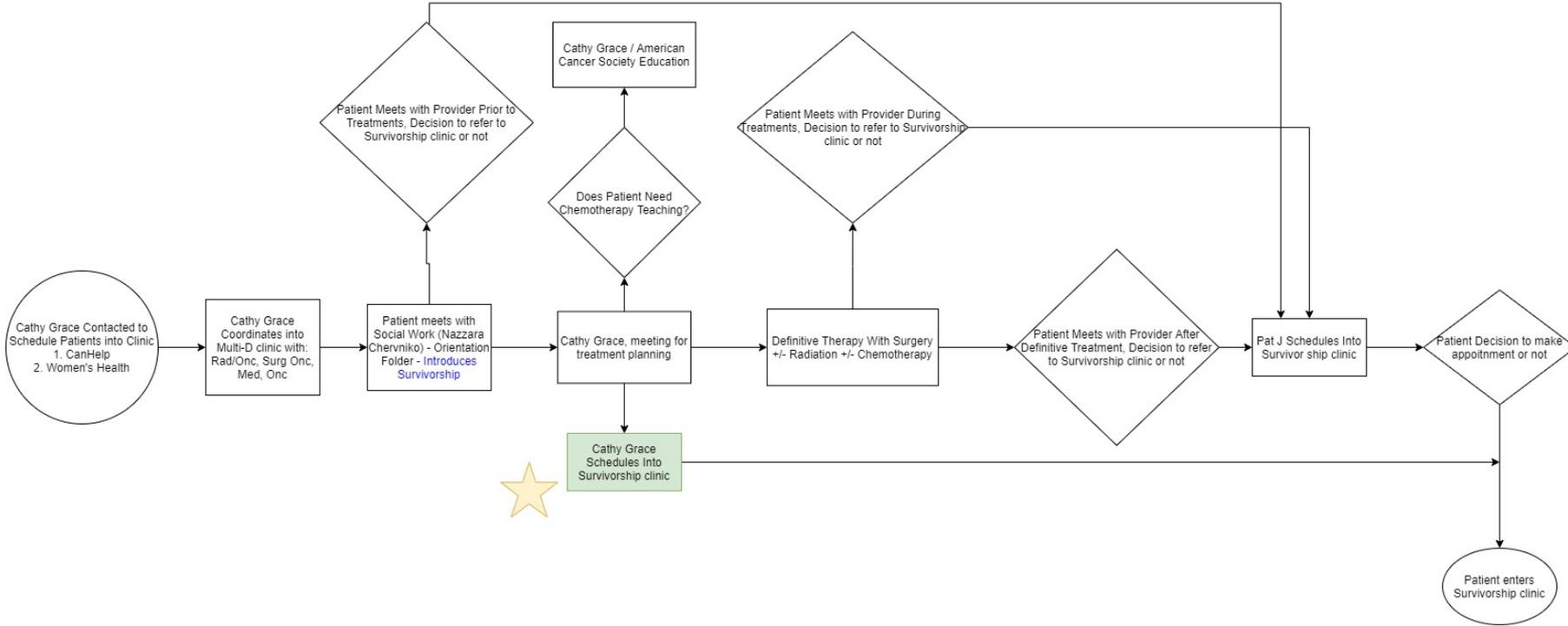


miro

# Priority / Pay-off Matrix Countermeasures



# Process map - Future

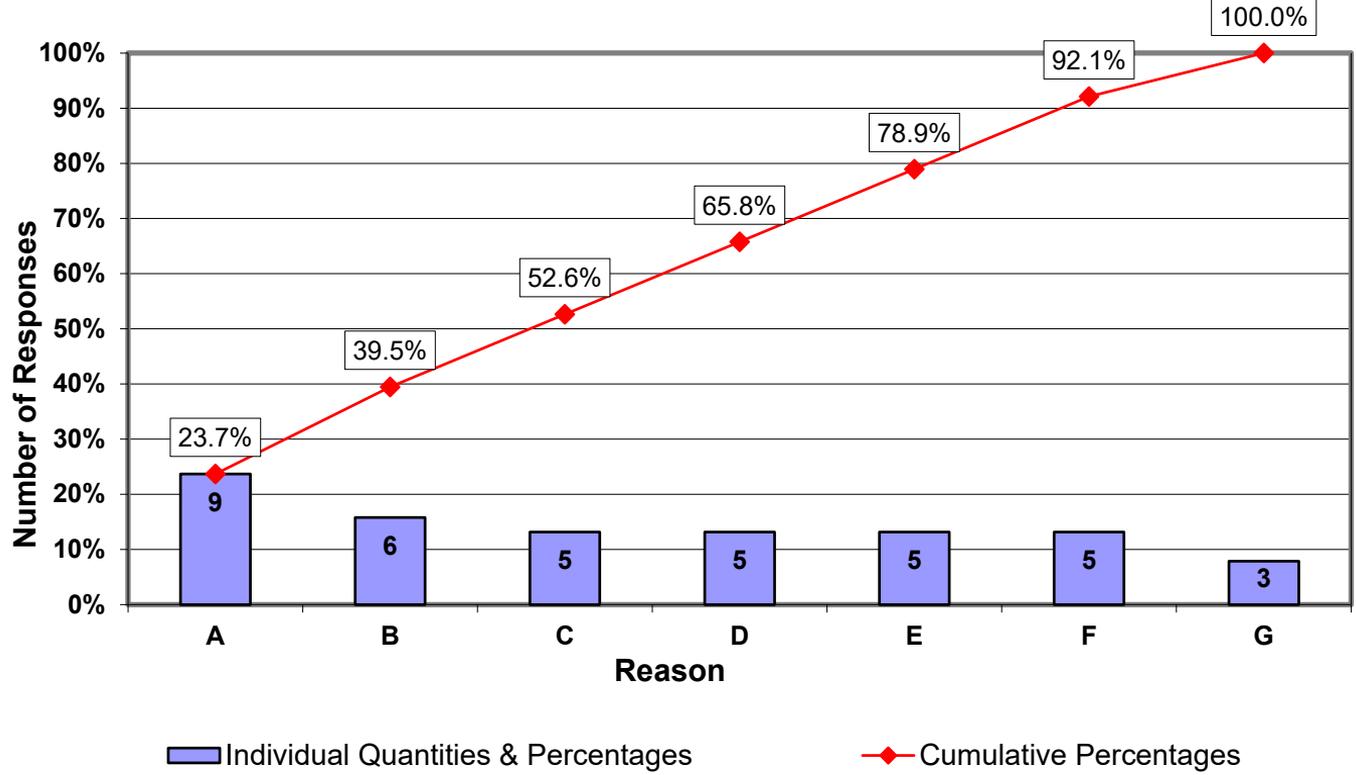


# Process Measure Diagnostic Data summary

Item	Description
Measure:	<ol style="list-style-type: none"> <li>1. Referral/ order placed</li> <li>2. How many patients in clinic show up / no show rate</li> <li>3. Number of patients obtaining summary of care plan.</li> </ol>
Patient population: <i>(Exclusions, if any)</i>	African American breast cancer patients with stages I-III
Calculation methodology: <i>(i.e. numerator &amp; denominator)</i>	<p><b>30% of eligible cases</b></p> <p>IT abstraction and manual review</p>
Information Technology to capture the following:	<p><b>Name/ DOB</b></p> <p><b>Referral Order date</b></p> <p><b>How many referrals per month</b></p> <p><b>Number of referrals per month</b></p> <p><b>Appointments scheduled/ Cancellation rate</b></p>
Data source:	<p>EMR</p> <p>Tumor registry</p>
Data collection frequency:	<ul style="list-style-type: none"> <li>• <b>Reports generated monthly</b></li> <li>• <b>Reported quarterly to survivorship program team</b></li> <li>• <b>Published in annual report to cancer committee</b></li> </ul>
Data limitations: <i>(if applicable)</i>	N/A Currently

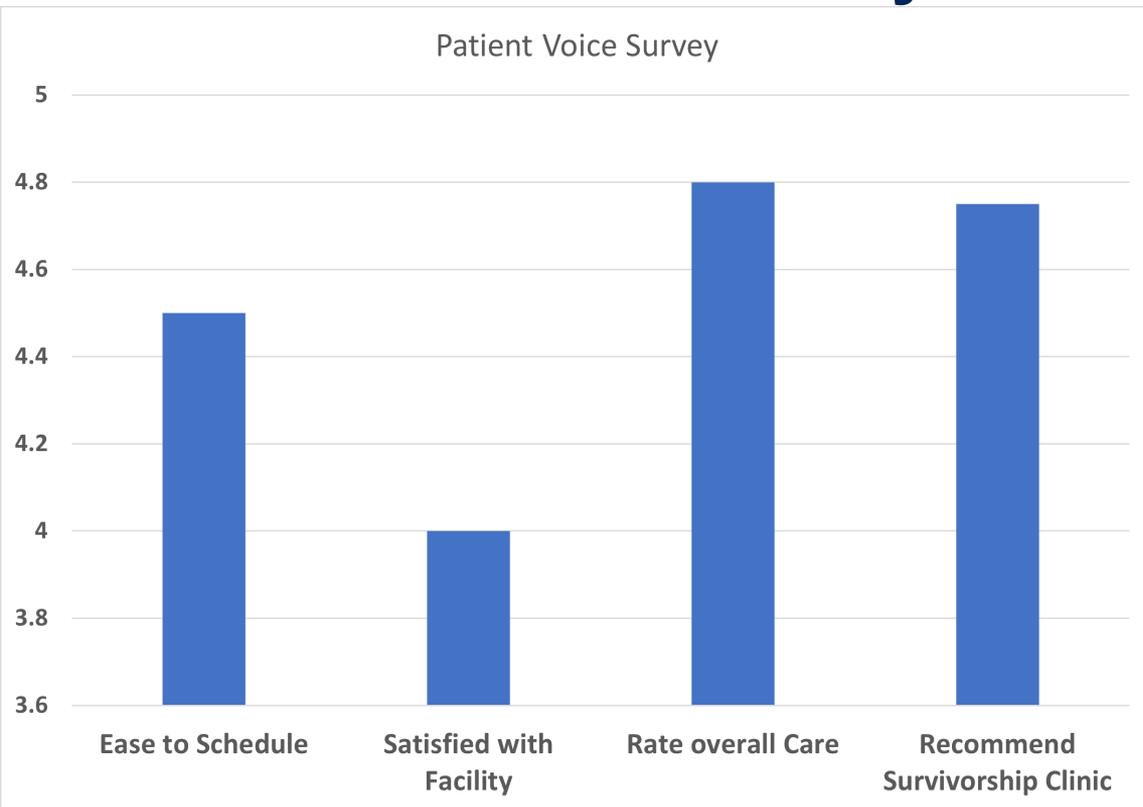
# Diagnostic Data

## Provider Reasons for Not Referring to Survivorship Clinic

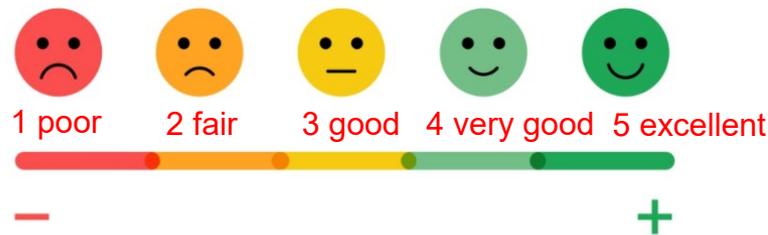


A	Primary Onc Providers Survivorship
B	Patient Decline due to Many Appointments
C	No Referral Order/Lack Awareness
D	No Outcome Data
E	Patient Misunderstanding
F	Fear of "Losing" Patient
G	Financial Burden

# The Patient Voice - Survey



- Age range 37-67 (median 56)
- Female: 100% (n=5)
- Type of cancer breast cancer (n=4); APL (n=1)
- Ethnicity: AA (n=3), South Asian (n=1)
- Comments: “overall the clinic was great“



# Test of Change PDSA Plan

Date	PDSA Description	Result
3/1/2021- 3/31/2021	Education, Faculty Meetings	Increased awareness for providers, formal introduction to faculty
4/1/2021- 4/31/2021	Education, Faculty Meetings, Survey, open discussion with stake holders	Cathy to Directly Refer patients to bypass provider consult order
5/1/2021- 5/31/2021		
6/1/2021- 6/30/2021		
7/1/2021- 7/31/2021		

## Next steps

# Sustainability Plan

Item	Owner
COC Accreditation – meeting quarterly	Kathy Fujii Nazza Chervinko Patricia Robinson
Backup for scheduling	Cathy Grace Louthen
Faculty meetings to re-educate / Grand round presentation Summer 2021	Patricia Robinson
Marketing / Promo items	Kathy Fujii Nazza Chervinko Patricia Robinson Cathy Grace Louthen
Associate with research/ clinical trials office	Patricia Robinson

Thank you