



# The Baltimore City Cancer Program— Transforming Service Through Research to Improve Patient Outcomes

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# The Baltimore City Cancer Program (BCCP)

- A Community-Based initiative of the University of Maryland Greenebaum Cancer Center
- Started in 2001 through Cigarette Restitution funds designated for cancer prevention in Baltimore City
- Cancer Focus: Breast, Cervical, Colorectal, (Oral)

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# Baltimore City Cancer Program

- Aims to eliminate cancer deaths through early detection, diagnosis, and treatment of cancer
- Community education, outreach, case management, patient navigation, Care2Care and support services for:
  - Uninsured/Underinsured
  - Baltimore City residents
  - Between the ages of 40-64
  - Income 250 percent below the federal poverty level

# BCCP Programmatic Summary 2001-2014

Cancer Screening Procedure	Number Performed	Abnormal Results	Cancers Diagnosed
<b>Breast:</b>	<b>20,650</b>	<b>2,567</b>	<b>119</b>
Clinical Breast Exam	10,572	768	
Mammogram	10,078	1,799	
<b>Cervical:</b>	<b>6,185</b>	<b>1,901</b>	<b>8</b>
Pap Smear			
<b>Colorectal:</b>	<b>295</b>	<b>138</b>	<b>0</b>
Colonoscopy			
<b>Oral:</b>	<b>3,068</b>	<b>--</b>	<b>2</b>
Oral Exams (2002-2004)			

# TRANSFORMING SERVICE THROUGH RESEARCH

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**Baltimore City  
Cancer Program**  
"Where Hope is A Way of Life"



UNIVERSITY of MARYLAND  
MARLENE AND STEWART GREENEBAUM  
CANCER CENTER

# Transforming Service Through Research

## Organizational Research Objective:

Participation in research that informs the transformation of BCCP into an organization actively engaged in collaborative research which leads to improved patient outcomes and decreased cancer disparities.

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# Transforming Service Through Research



# The Service—Patient Navigation

- Clinical Support Services
- Transportation
- Care Management Plans
- Diagnostic Care Coverage
- Transitions of Care

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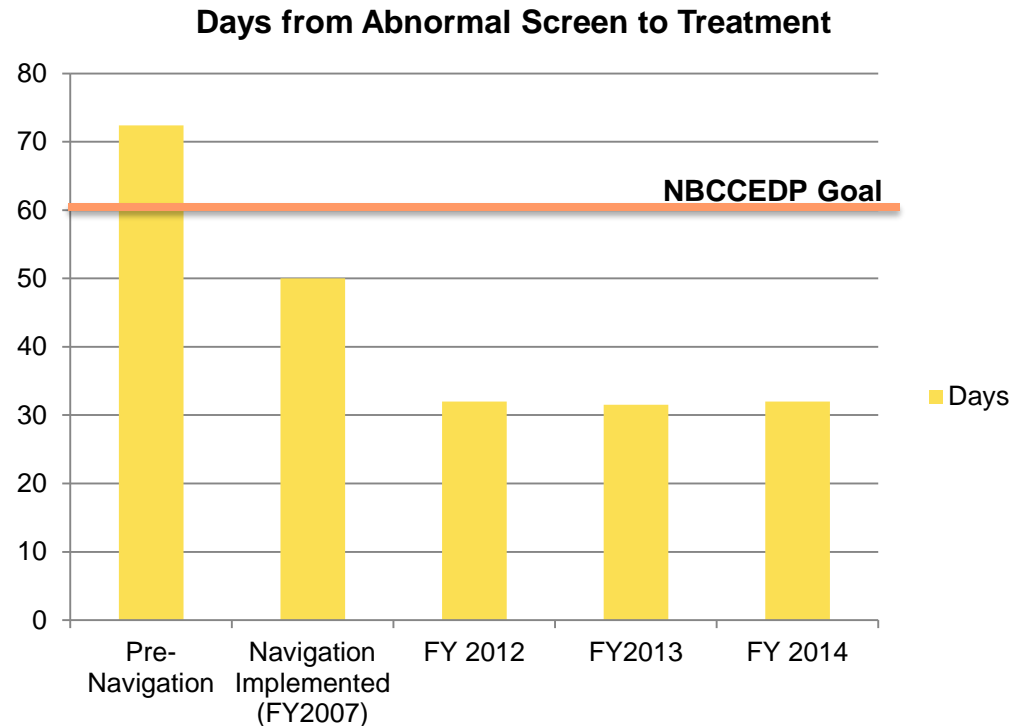
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# The Research—Reducing Time Between Abnormal Screen and Treatment Initiation

- Patient Navigation implemented in 2007
- 2 Certified Patient Navigators



# The Research— UMGCC Clinical Trials Participation

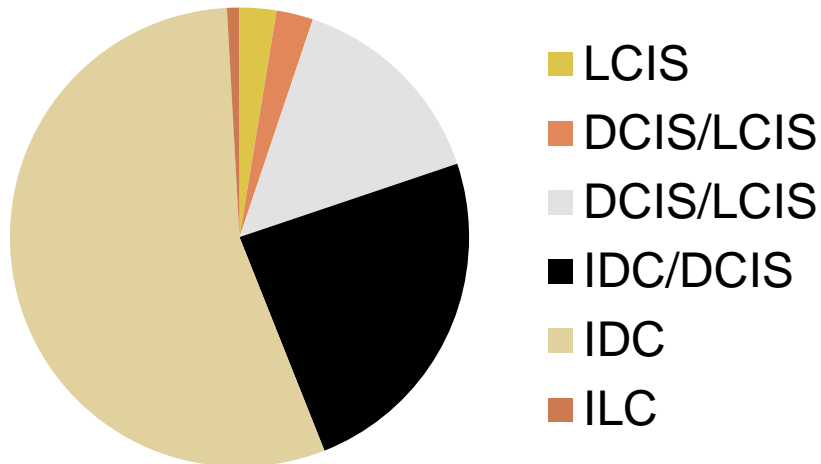
- Patient education about clinical trials
- All patients diagnosed with breast cancer are evaluated for eligibility

	Rate of Participation
BCCP ('07-14)	52%
National	1.8%
African American	1.3%
Breast Cancer	3.2%

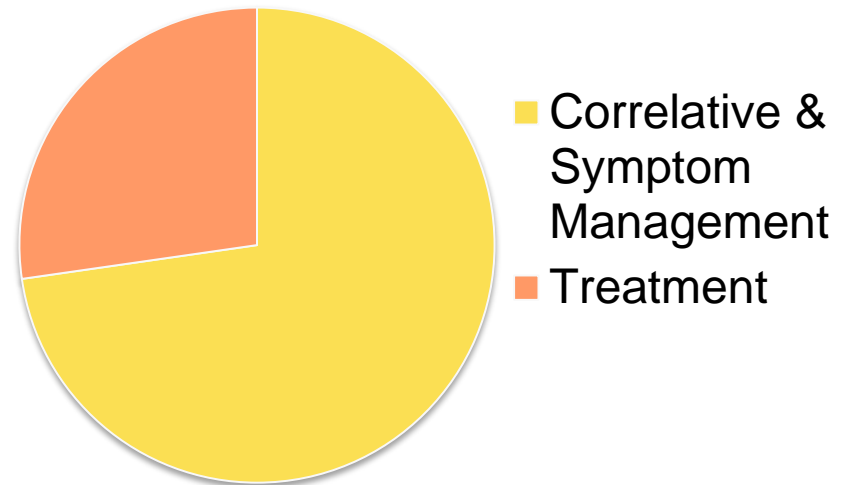
Murthy, VH et al. JAMA  
2004; 22: 2720-2726.

# The Research—Clinical Trials

## Cancer Type



## Clinical Trial Categories



Hormone Responsive Cancers Program Minority Accrual = 46%

# The Research—Qualitative analysis of the Baltimore City Cancer Program

- Aimed at qualitatively demonstrating the utility of BCCP support services upon uptake and completion of breast cancer screening and follow-up
- Collaborative effort of the BCCP and University of Maryland, College Park
- Key informant interviews with BCCP Staff
- Focus Group with BCCP enrollees with complete and incomplete screening/diagnostic services

# The Outcomes

- Screening
- Abnormal Follow-up
- Early Detection
- Initiation of Treatment
- Clinical Trials Participation
- Programmatic Survivorship Rate = 95.6 %



Living and Loving Life  
Day Away Trip 2012, NYC

# Next Steps

Program Component	Research Plan
<b>Program Data</b>	<ul style="list-style-type: none"><li>• Development of Database for Research</li><li>• Quantitative Descriptive Analysis</li></ul>
<b>Community Outreach</b>	<ul style="list-style-type: none"><li>• Metric Evaluation</li></ul>
<b>Patient Navigation</b>	<ul style="list-style-type: none"><li>• Metric Evaluation</li></ul>
<b>Cancer Diagnosis and Treatment</b>	<ul style="list-style-type: none"><li>• Quantitative Descriptive Analysis</li><li>• Qualitative Analysis</li></ul>

# Acknowledgements

**Thank you to the staff of BCCP whose contributions have made the program a success:**

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# QUESTIONS?

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