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

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Medical Director
Baltimore City Cancer Program
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)
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
<table>
<thead>
<tr>
<th>Cancer Screening Procedure</th>
<th>Number Performed</th>
<th>Abnormal Results</th>
<th>Cancers Diagnosed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Breast: Clinical Breast Exam</td>
<td>20,650</td>
<td>2,567</td>
<td>119</td>
</tr>
<tr>
<td>Breast: Mammogram</td>
<td>10,572</td>
<td>768</td>
<td></td>
</tr>
<tr>
<td></td>
<td>10,078</td>
<td>1,799</td>
<td></td>
</tr>
<tr>
<td>Cervical: Pap Smear</td>
<td>6,185</td>
<td>1,901</td>
<td>8</td>
</tr>
<tr>
<td>Colorectal: Colonoscopy</td>
<td>295</td>
<td>138</td>
<td>0</td>
</tr>
</tbody>
</table>
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.
Transforming Service Through Research

Patient Outcomes

Behavior and Prevention

Service
- Patient Focused
- Evidence Driven
- Collaborative

Research
- Patient Centered
- Outcomes Focused
- Collaborative
The Service—Patient Navigation

- Clinical Support Services
- Transportation
- Care Management Plans
- Diagnostic Care Coverage
- Transitions of Care
The Research—Reducing Time Between Abnormal Screen and Treatment Initiation

- Patient Navigation implemented in 2007
- 2 Certified Patient Navigators

![Bar chart showing days from abnormal screen to treatment](image-url)
The Research—UMGCC Clinical Trials Participation

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

<table>
<thead>
<tr>
<th></th>
<th>Rate of Participation</th>
</tr>
</thead>
<tbody>
<tr>
<td>BCCP (‘07-14)</td>
<td>52%</td>
</tr>
<tr>
<td>National</td>
<td>1.8%</td>
</tr>
<tr>
<td>African American</td>
<td>1.3%</td>
</tr>
<tr>
<td>Breast Cancer</td>
<td>3.2%</td>
</tr>
</tbody>
</table>

The Research—Clinical Trials

Cancer Type
- LCIS
- DCIS/LCIS
- DCIS/LCIS
- IDC/DCIS
- IDC
- ILC

Clinical Trial Categories
- Correlative & Symptom Management
- Treatment

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

<table>
<thead>
<tr>
<th>Program Component</th>
<th>Research Plan</th>
</tr>
</thead>
<tbody>
<tr>
<td>Program Data</td>
<td>• Development of Database for Research</td>
</tr>
<tr>
<td></td>
<td>• Quantitative Descriptive Analysis</td>
</tr>
<tr>
<td>Community Outreach</td>
<td>• Metric Evaluation</td>
</tr>
<tr>
<td>Patient Navigation</td>
<td>• Metric Evaluation</td>
</tr>
<tr>
<td>Cancer Diagnosis and Treatment</td>
<td>• Quantitative Descriptive Analysis</td>
</tr>
<tr>
<td></td>
<td>• Qualitative Analysis</td>
</tr>
</tbody>
</table>
Acknowledgements

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

Rhonda Boozer-Yeary, MA          Loretta Setzer
Veronica Duran                   Kismith Travers
Linda Hollander, BSN, RN          Lorraine Valeri, BA, RN
LeVesta Jackson-Crute            Carolyn Washington
Beth Schaefer                    Margaret Wilson

Rhonda Silva, MBA, BSN, RN
Acknowledgements

• The Baltimore City Cancer Program is Funded by:
  – The Maryland Cigarette Restitution Fund Program
  – The Maryland Colorectal Cancer Control Program
  – Avon Foundation
  – Susan G. Komen Maryland
QUESTIONS?