Cancer Care Outcomes Report

Shady Grove Adventist and Washington Adventist Hospitals

Statistical Data from 2012
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* Includes both required and ad hoc members
Community Cancer Outreach—Adventist HealthCare

Breast Cancer Screening Program and Cancer Screening Day 2013

Since 1993, the Breast Cancer Screening Programs at both Shady Grove Adventist and Washington Adventist Hospitals have helped low income, uninsured women 40 years and older battle against breast cancer in Maryland. The program provides free screening services to underserved women who may otherwise not have access to these services due to income and insurance limitations. This community program aims to make screening, diagnostic and treatment services accessible to all women to reduce the number of deaths related to breast cancer.

This program is funded by the Susan G. Komen Foundation, the Primary Care Coalition, the American Breast Cancer Foundation, the Health Initiative Foundation, the Montgomery County Health Department’s Women’s Cancer Control Program, the State of Maryland’s Breast and Cervical Cancer Diagnosis and Treatment Program and the Shady Grove Adventist Hospital Foundation.

Every year, the number of patients the program serves increases. As of December 2013, more than 1,200 patients have benefited from the program through breast health education, clinical breast exams, mammograms and treatment.

Adventist HealthCare has also supported local cancer screenings and education by providing annual cancer screening days at both Shady Grove Adventist and Washington Adventist Hospitals. Various cancer screenings are provided for breast, thyroid, colorectal, oral, prostate and skin cancers. Each year, the number of participants continues to grow and with the new space available at Shady Grove Adventist Hospital, the opportunities are endless.

According to the Shady Grove Adventist Hospital Community Health Needs Assessment completed in 2013, Shady Grove Adventist Hospital has seen a higher incidence of lung cancer patients in the Asian population when compared to hospitals nationally (9.9% compared with 1.8%, nationally). Based upon this data, Shady Grove Adventist Hospital implemented a strategy to improve early screening and detection of lung cancer in the Asian population served by the hospital and to improve their five-year survival rate. Four screenings targeting the Asian population were offered in 2013. A total of 51 individuals that met the high-risk criteria were screened with 23 of the 51 screenings resulting in abnormal findings with follow-up recommendations. One case of lung cancer was also identified through these screenings.

Shady Grove Adventist Hospital 2012 Cancer Screening Day Statistics

<table>
<thead>
<tr>
<th>Site</th>
<th>Number of Screens</th>
<th>Number of Abnormal Screens</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin</td>
<td>157</td>
<td>37</td>
</tr>
<tr>
<td>Prostate—PSA</td>
<td>77</td>
<td>7</td>
</tr>
<tr>
<td>Prostate—DRE</td>
<td>68</td>
<td>3</td>
</tr>
<tr>
<td>Thyroid</td>
<td>156</td>
<td>26</td>
</tr>
<tr>
<td>Oral</td>
<td>143</td>
<td>12</td>
</tr>
<tr>
<td>Breast—CBE</td>
<td>72</td>
<td>9</td>
</tr>
<tr>
<td>Colorectal—FOBT</td>
<td>118</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total Screens:</strong></td>
<td><strong>791</strong></td>
<td><strong>97</strong></td>
</tr>
</tbody>
</table>
Both Shady Grove Adventist and Washington Adventist Hospitals are committed to delivering comprehensive, coordinated and integrated cancer care to patients within the communities they serve. The Cancer Care Navigation Team, which provides services to all patients with cancer, focuses on ensuring that patients have timely access to care by eliminating barriers that patients may encounter while undergoing necessary treatments. In order to meet the unique needs of each cancer patient and their family, the Adventist HealthCare Cancer Care Navigation Team provides a multidisciplinary approach involving nursing, nutrition and social work support. Site-specific navigation for patients with breast and lung cancer is provided by nurse navigators at Shady Grove Adventist Hospital.

Barriers to care have been identified and grouped into four main categories: Financial/Daily Living, Psychosocial, Nutrition and General (see Table 1). As the Cancer Care Navigation Team provides care and support to cancer patients and their families, they track the successful elimination of barriers. Barriers to care are monitored and reviewed monthly by the navigation team to ensure continued focus on timeliness of care and prevention of treatment delays.

### Table 1: Barriers to Cancer Care

#### Financial/Daily Living
- Transportation
- Housing
- Food/Difficulty Preparing Meals
- Under/Uninsured
- Access to Care
- Financial Distress
- Medication Assistance
- Co-Pay Assistance
- Work Issues/FMLA/SSDI

#### Nutrition
- Weight Loss
- Loss of Appetite
- Difficulty Swallowing/PEG-J Tube
- Symptom Management/General Concerns

#### Psychosocial
- Overwhelmed/Distress
- Mental Health Needs/Counseling
- Difficulty Processing Information
- Lack of Support System
- Treatment Compliance Issues
- Talking with Children/Family

#### General
- Cultural Barriers
- Caregiver Support/Respite
- Support/Support Groups
- Medical Supply Needs
- Understanding of Illness/Treatment
- Communication with Health-care Team
- Wants More Information
- Application Assistance
- Additional/Other Needs
In the 2nd and 3rd quarter of 2014, the Cancer Care Navigation Teams at Shady Grove Adventist and Washington Adventist Hospitals removed a total of 2,164 barriers to care while assisting patients with cancer. The total barriers removed at Shady Grove Adventist Hospital were 1,129. At Washington Adventist Hospital 1,035 barriers to care were removed.

**Number of New Patients Seen by Cancer Care Navigation Team**

**Shady Grove Adventist Hospital**

6 Months (April–September 2013)
- Nursing: 188
- Social Work: 115
- Nutrition: 163

**Washington Adventist Hospital**

6 Months (April–September 2013)
- Social Work: 128
- Nutrition: 27

**Table 2: Shady Grove Adventist Hospital**

Categories of Total Barriers Removed (April–September 2013)

- General: 244 (22%)
- Psychosocial: 269 (24%)
- Nutrition: 274 (24%)
- Financial/Daily Living: 342 (30%)

**Table 3: Washington Adventist Hospital**

Categories of Total Barriers Removed (April–September 2013)

- General: 283 (27%)
- Psychosocial: 252 (24%)
- Nutrition: 129 (13%)
- Financial/Daily Living: 371 (36%)

**Outcomes**

For more information about our cancer care services, call (240) 826-6297 for Shady Grove Adventist Hospital and (301) 891-5559 for Washington Adventist Hospital.
Shady Grove Adventist Hospital Cancer Care Program

Shady Grove Adventist Hospital’s nationally accredited cancer program offers comprehensive services that revolve around the unique needs of cancer patients. The Shady Grove Adventist team is dedicated to providing quality cancer care, services and support through a coordinated, personalized approach, serving patients and families throughout all stages of cancer treatment and survivorship. The Aquilino Cancer Center opened on the Shady Grove Adventist Hospital campus in Rockville as the first free-standing, comprehensive cancer center in Montgomery County.

In 2012, Shady Grove Adventist Hospital saw 783 analytic cancer cases—those diagnosed at Shady Grove Adventist Hospital or who received all or part of their initial course of treatment there. Breast continues to be the number one site of analytic cases with digestive system (including colorectal) cancers second and thyroid third.
Shady Grove Adventist Hospital 2012 Breast Cancer, n = 185

**Stage at Diagnosis—Breast Cancer**

Breast cancer continues to be the primary cancer diagnosis at Shady Grove Adventist Hospital. In 2012, Shady Grove Adventist Hospital saw a slightly larger percentage of patients presenting between the ages of 50–59 than patients between the ages of 60–69, which is the highest percentage seen in the National Cancer Data Base (NCDB). 34% of the breast cancers were diagnosed at Stage 1, compared with 41% from the NCDB.

**Age at Diagnosis—Breast Cancer**

Shady Grove Adventist Hospital 2012 Digestive System, n = 57

**Stage at Diagnosis—Colon Cancer**

In 2012, cancers of the digestive system were among the top cancer types diagnosed at Shady Grove Adventist Hospital with colon cancer representing about 50%. There was a higher percentage of patients identified at Stage 4 (26%) as compared to the NCDB (19%). Shady Grove Adventist Hospital sees an increased percentage of colorectal patients at earlier ages as compared to the NCDB.

**Age at Diagnosis—Colon Cancer**
Prostate cancer was in the top five cancer types at Shady Grove Adventist Hospital in 2012. There was a higher percentage of patients identified with Stage 1 (32%) prostate cancer as compared to the NCDB (22%). Shady Grove Adventist Hospital saw a slightly larger percentage of patients presenting between the ages of 50–59 as compared to the NCDB. Similar to the NCDB, the largest percentage of prostate cancer patients were in the 60–69 age range.
Colon Accountability Measures at Shady Grove Adventist Hospital

The Shady Grove Adventist Hospital Cancer Committee ensures that patients with cancer are treated according to nationally accepted measures. This is accomplished in part through compliance with the current American College of Surgeons (ACoS) Commission on Cancer (CoC) quality reporting tools. These accountability measures are standards of care based on evidence-based clinical trials.

The CoC requires the Cancer Committee to review the quality of patient care using CoC quality reporting tools appropriate to the patients who are treated by the program each year.

The Cancer Committee has been directed to evaluate the CP3R data related to colon cancer, discuss processes that work and to evaluate how processes can be improved to promote evidence-based practice. Based on past data new processes were implemented to ensure at least 12 regional lymph nodes were removed, pathologically examined and noted for resected colon cancer.

Shady Grove Adventist Hospital has used the CoC quality tools since 2004 to monitor the care and treatment of its colon cancer patients. The most recent data released by the CoC (data from 2011 cases) shows that Shady Grove Adventist Hospital has exceeded all local and national benchmarks for colon cancer care performance measures.

<table>
<thead>
<tr>
<th>Accountability Measure</th>
<th>SGAH</th>
<th>State of Maryland</th>
<th>South Atlantic Region</th>
<th>Other CoC Comprehensive Cancer Programs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adjuvant chemotherapy is considered or administered within 4 months (120 days) of diagnosis for patients under the age of 80 with AJCC Stage III (lymph node positive) colon cancer. [ACT]</td>
<td>90.9%</td>
<td>79.2%</td>
<td>82.8%</td>
<td>84.9%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Accountability Measure</th>
<th>SGAH</th>
<th>State of Maryland</th>
<th>South Atlantic Region</th>
<th>Other CoC Comprehensive Cancer Programs</th>
</tr>
</thead>
<tbody>
<tr>
<td>At least 12 regional lymph nodes are removed and pathologically examined for resected colon cancer. [12RLN]</td>
<td>93.5%</td>
<td>89.2%</td>
<td>86.9%</td>
<td>87.8%</td>
</tr>
</tbody>
</table>
Washington Adventist Hospital Cancer Care Program

Washington Adventist Hospital’s nationally accredited cancer program offers a full range of cancer care services delivered by highly skilled and experienced professionals. The Washington Adventist Hospital team is committed to providing compassionate care using the latest approaches to treatment and care while also helping to ease the demands that come with a cancer diagnosis for patients and families.

Washington Adventist Hospital, 2012 Frequency of Cancer, Total Analytic Cases, n = 314

In 2012, Washington Adventist Hospital saw 314 analytic cancer cases—those diagnosed at our hospital, or who received all or part of their initial course of treatment there. Breast continues to be the number one site of analytic cases with colorectal cancer second and prostate third.

Other, 113
Breast, 75
Kidney & Renal Pelvis, 15
Lung & Bronchus, 33
Prostate, 37
Colorectal, 41

Washington Adventist Hospital 2012 Breast Cancer, n = 75

Stage at Diagnosis—Breast Cancer

Breast cancer continues to be the primary cancer diagnosis at Washington Adventist Hospital. When compared to the NCDB, in 2012 Washington Adventist Hospital saw a greater number of breast cancer patients present between the ages of 40–49 compared to the NCDB which saw a greater number of cancers between 60–69. Although the age of the patient was younger, the stage at which they presented was higher than the NCDB.
Cancers of the digestive system were among the top cancer types diagnosed at Washington Adventist Hospital in 2012. Washington Adventist Hospital saw a larger percentage of these patients (24%) at Stage I when compared to the WAH (20%). Similar to the NCDB, Washington Adventist Hospital saw a greater number of colon cancer patients present between the ages of 40–49 compared to the NCDB which saw a greater number of cancers between 60–69.

Prostate cancer was the third most common analytic cancer seen at Washington Adventist Hospital in 2012. The majority of prostate cancer patients were seen at Stage II and between the ages of 60–69.
The Inpatient Smoking Cessation Program at Washington Adventist Hospital was established in 2002 through the Cigarette Restitution Fund. The program provides brief individualized counseling sessions for in-patients identified as smokers within the past 12 months. During the counseling session, background information is collected on patient and triggers and solutions to smoking are identified. Additionally all patients are informed of the program’s features available to them (e.g., receiving complimentary Nicotine Replacement Therapy, attending monthly support groups and over-the-phone counseling). Each participant qualifies to receive follow-up calls from a counselor every three months for one year from the date of program commitment.

On a monthly basis 10% of the patients contacted as an inpatient will agree to participate and will receive follow-up counseling. The quit rate for participants is 30%. For fiscal year (F/Y) 2013 (July 2012–June 2013), the program came into contact with 1,214 patients. Of the 1,214 patients, 45% were African American, 28% were Caucasian, 19% were Hispanic/Latino and 2% were Asian American.
About Adventist HealthCare

Adventist HealthCare is a faith-based, not-for-profit health care system based in Gaithersburg, MD. As one of the largest employers in the state of Maryland, Adventist HealthCare offers an integrated, health-care delivery network made up of nationally accredited, acute-care and specialty hospitals, mental health services and home health agencies, serving the Washington, D.C. metropolitan area.

Facilities/Services in the Adventist HealthCare System

Washington Adventist Hospital is a 252-bed acute-care facility located in Takoma Park, Maryland. Washington Adventist Hospital is Montgomery County’s first cardiac center, performing hundreds of open-heart surgeries and thousands of heart catheterizations each year. Awarded the highest level accreditation, Washington Adventist Hospital’s Accredited Chest Pain Center is recognized for providing high-quality care, rapid assessment and life-saving treatment to chest pain patients.

Shady Grove Adventist Hospital is a 313-bed, state-of-the-art acute-care facility that opened in 1979, located in Rockville, Md. Shady Grove offers a broad range of health services and is recognized for excellence in emergency care; high-risk obstetrical and neonatal care; cardiac and vascular interventional care; oncology care; several surgical specialties; and a number of specialized services for children. This year, the Aquilino Cancer Center opened on the Shady Grove Adventist campus as the first free-standing, comprehensive cancer center in Montgomery County, delivering integrated, comprehensive and coordinated cancer care.

The Shady Grove Adventist Emergency Center at Germantown opened in 2006 to provide 24-hour emergency medical care by board-certified physicians. It is an integral part of Adventist HealthCare’s comprehensive Germantown campus, which includes the Shady Grove Adventist Radiation Oncology Center at Germantown, a MobileMed Upcounty Primary Care Clinic, a Maternity Partnership Prenatal Center and a medical office building with several physician offices.

Adventist Rehabilitation Hospital of Maryland includes 77 beds for acute rehabilitation—a freestanding 53-bed hospital on the Rockville campus of Shady Grove Adventist Hospital and a 24-bed hospital located within Washington Adventist Hospital in Takoma Park—as well as two outpatient rehabilitation clinics. Adventist Rehabilitation Hospital is the first and only hospital in a five-state area to obtain accreditations from the Commission on Accreditation of Rehabilitation Facilities International for care of hospitalized patients in all four specialty areas: brain injury, spinal cord injury, stroke and amputation.
Adventist Home Care Services has provided comprehensive services and compassionate care to residents in need of home health assistance for more than 40 years. Adventist Home Care Services offers a variety of programs and services to help patients regain independence while recuperating from an illness, injury or surgical procedure. Today, Adventist Home Health’s team of skilled nurses, therapists and social workers deliver comprehensive services with compassionate care to homes throughout Montgomery, Prince George’s, Charles, Calvert, St.Mary’s, Anne Arundel and Howard counties.

Adventist Behavioral Health is one of the largest providers of behavioral health services in Maryland offering treatment for children, adolescents, adults and seniors in various settings, including hospital-based programs, residential treatment centers, school programs, residential group homes, outpatient and community-based services.

The Reginald S. Lourie Center for Infants and Young Children is a private, non-profit agency dedicated to understanding and strengthening emotionally healthy parent-child relationships through early prevention, intervention, education, research and training.

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