Site Review — Lymphoma and Myeloma

An analysis of cases of lymphoma and myeloma recorded by the Cancer Registry in 2013 was completed. There were 33 cases of lymphoma and nine cases of myeloma diagnosed in the year. For those diagnosed with lymphoma, patients came from the surrounding counties of Bristol and Plymouth with the exception of two myeloma cases that came from out-of-state. Of the 33 cases of lymphoma, 30 represented Non-Hodgkin Lymphoma (NHL) and three Hodgkin’s Lymphoma. This represents 4% of all new cancers diagnosed in Massachusetts. Our numbers represent 3% of all new cases diagnosed at Southcoast, just slightly below the state average. Incidence Rates for Massachusetts for the year 2013 was 25.1 for males and 16.3 for females. For the year 2013, the Southcoast cases were evenly distributed by sex. The age range for the NHL group ranged from 26 to 96 years with the median age being 67. Out of all 33 lymphoma cases only one patient expired from their disease. This mirrors the national trend of decreasing death rates for NHL reflective of improvements in treatment over time. Non-Hodgkin’s Lymphoma is classified by both stage and grade. The stage of disease seen at Southcoast reflected national averages. The three individuals diagnosed with Hodgkin’s Lymphoma were between the ages of 20 and 56 and were treated according to national guidelines.

Myeloma is a relatively uncommon cancer with no clear cause. The lifetime risk of developing multiple myeloma is 0.7%. The risk of developing myeloma increases with age and is more prominent in males. Of the nine cases reported, five were males and four were females. This coincides with national trends for myeloma. The age of the nine multiple myeloma cases ranged from 44 to 77 years with a median age of 65. All received chemotherapy and immunotherapy and are alive today. This follows state and national trends. All but one received chemotherapy for the diagnosis. The one not treated was classified as a smoldering myeloma case and remains on active surveillance. Fifty percent were referred for evaluation of a bone marrow transplant after receiving initial treatment at Southcoast as is standard for those eligible with this disease.

2013 Cancer Committee Members

Therese M. Mulvey, MD, Chair, Genetics Professional
Victor Prisco, MD, Cancer Liaison Physician, Cancer Registry Quality Coordinator, Surgeon

Coordinators
Elizabeth Blanchard, MD, Clinical Research Coordinator
Susan Domingue, MSW, LICSW, Psychosocial Services Coordinator, Social Worker
Mark Sharbar, MD, Community Outreach Coordinator, Medical Oncologist
Richard Miller, MD, Quality Improvement Coordinator
Beth Herrick, MD, Cancer Conference Coordinator

Members
Carolyn Mongeon, MD, Pathologist
Joshua Farb, MD, Radiologist
Tushar Kumar, MD, Radiation Oncologist
Carme Tripp, RN, MHA, OCN, Oncology Nurse
Joseph Spirito, MD, Palliative Care Team Member
Tracey McDuffie, CTR, Certified Cancer Tumor Registrar
Eileen Sugrue-McElearney, Vice President, Oncology Services
Barbara Torrelli, RN, Performance Improvement Quality Management
Deborah Carvalho, HIM, Cancer Registry Manager
Kathy Simon, Outreach Representative
Barbara Jenney, Recorder

Partnerships.

YMCA • Livestrong • Southcoast Partnership

American Cancer Society Partnership
Look Good Feel Better • I Can Cope • Tobacco Control • Road to Recovery

2013 Annual Report
Southcoast Centers for Cancer Care
Summary of Cancer Committee Activities 2013

The Cancer Committee continues to oversee cancer care across Southcoast Health, monitoring inpatient, outpatient and home care needs for individuals with a cancer diagnosis. The quality of the care provided is assessed and reported regularly by the committee. Programs are evaluated and developed by the committee to meet the needs of Southcoast’s diverse communities. Developing comprehensive multidisciplinary care and bridging gaps by bringing together all of the specialists to ensure seamless care for an individual patient continued to be the focus for the committee in 2013. During this year the onboarding of a dedicated pain specialist with the opening of a dedicated pain clinic was put in place to assist with multidisciplinary pain management challenges. In addition two oncologic surgeons were hired, one specializing in GI malignancies, the other as a general surgeon with a focus on breast care.

Southcoast Centers for Cancer Care

The cancer services at both Southcoast Centers for Cancer Care — in Fall River and Fairhaven — have been fully operational since June 2011 with the opening of the Fairhaven center completing a multi-year project to bring state-of-the-art cancer services to the communities Southcoast Health serves. Patients receive seamless care from diagnosis to treatment, home care and survivorship through a system-based coordinated care model. In 2013, 4,397 patients were seen in the cancer centers. Continued supportive services remain a part of the comprehensive care rendered. These include patient navigation, nutritional services, psychosocial services, as well as care administered by oncology certified registered nurses. Seven medical oncologists and three radiation oncologists with two full-time nurse practitioners complete provider services for the centers. Within the cancer centers there remains a strong commitment to patient safety and quality through the affiliation with MD Anderson, which continues to recognize Southcoast Centers for Cancer Care for providing “exemplary care”. In June of this year the Southcoast Radiation Oncology Department received a three-year ACR Radiation Oncology Practice Accreditation by the American College of Radiology. This accreditation recognizes quality radiation oncology practices nationally.

Quality First

The committee’s activities continue to center on high quality patient care. Two studies of quality were conducted during the year. The first was a study to review the concordance of colorectal care delivered to patients and the second was a study on End-of-Life. Quality improvement that evolved from these studies was the implementation of a multidisciplinary GI conference along with the integration of a palliative care practitioner in the outpatient setting. Our Breast Program with the addition of a second Breast Navigator began to demonstrate great improvement when reducing the time from biopsy to diagnosis as well as biopsy to definitive surgery. Other quality improvements seen were an increase in clinical trial referrals and reduced time to first antibiotics from the Febrile Neutropenia initiative started in 2012. Our Quality Oncology Practice Initiative (QOPI) continued to show favorable results when compared to other QOPI certified practices.

In the Community

Community outreach remains a priority for the committee. In 2013, skin, prostate, oral, breast and lung cancer screenings were offered to the community. Several lectures on colorectal awareness, melanoma, breast and general cancer awareness were held. In addition, Tar Wars education sessions were provided to elementary children in the surrounding areas. Four to six support groups are held each month for patients and caregivers. Through coordination between the cancer program and Southcoast Hospice & Palliative Care, bereavement support groups are also held monthly. A coordinated program with local YMCA's, Southcoast and the Livestrong Foundation allows patients completing cancer care to begin an exercise program free of charge to make the transition from patient to survivor easier. The Gloria Gemma HOPE bus visited the cancer centers on three occasions in order to provide additional support services to the patients seen at the cancer centers. Other events such as the Annual Cancer Survivors Day, Play for a Cure, Shine a Light, Sharon’s Walk and events geared specifically toward women’s health were all part of the 2013 community cancer initiatives.

Education and Reporting

Weekly Tumor Boards are held across all three hospital sites bringing general and specialty surgeons, radiology, pathology, medical oncology, radiation oncology and supportive care services together to discuss and plan coordinated care for newly diagnosed patients. Oncology Grand Rounds are held monthly and provide continuing medical education specific to cancer providers. In 2013, reflecting the highest quality of care provided for patients at the Southcoast Centers for Cancer Care, two original scientific abstracts were accepted for presentation to the ASCO Quality of Care Symposium.

The Cancer Registry continues to remain 100 percent compliant with the Commission on Cancer abstracting and reporting to the National Cancer Data Bases as required by the American College of Surgeons. The registry provides data to physicians interested in specific diseases and therapies on an ongoing basis.

MD Anderson Physicians Network*

In 2010 the Southcoast Centers for Cancer Care formed an exclusive regional affiliation with MD Anderson Physicians Network. MD Anderson Physicians Network is a subsidiary of The University of Texas MD Anderson Cancer Center, one of the world’s most respected leaders in cancer care and ranked No. 1 in the nation, by U.S. News & World Report’s “Best Cancer Hospitals” survey for seven of the past nine years, including 2010. The MD Anderson Physicians Network affiliation is offered selectively to qualified community hospitals and their medical staffs in the U.S. only after a rigorous and extensive evaluation process based on evidence-based treatment guidelines and quality management. This affiliation enables patients to be treated at Southcoast with the assurance of best national practices in patient care. This relationship allows the expert staff and physicians of Southcoast Centers for Cancer Care to closely collaborate with MD Anderson and bring more than 100 evidence-based treatment regimens for almost every type and phase of cancer to the community.

Screening & Outreach

The Southcoast Cancer Program has conducted the following free cancer screenings in the community to help with early detection and provide education on cancer prevention:

• Breast  • Prostate  • Head & Neck  • Skin  • Lung

Support Groups

Southcoast provides a wide range of support groups throughout the South Coast region to provide cancer patients and their families with guidance, support and the opportunity to connect with others who are having the same experience. Specialized groups are available, including:

• Breast cancer
• Patients under the age of 50 with a diagnosis of cancer
• Lung cancer
• Patients who are no longer in active treatment
• Family members or anyone providing support to a cancer patient

For more information on Southcoast’s cancer support groups contact: Susan Domingue, LICSW at 508-973-7888 in the Fall River area. Linda Casey, LICSW at 508-973-3000 in the Fairhaven area.

Frequency Distribution Table 2013

<table>
<thead>
<tr>
<th>PRIMARY SITE</th>
<th>NUMBER OF CASES 2012</th>
<th>NUMBER OF CASES 2013</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brain / Central Nervous System</td>
<td>32</td>
<td>27</td>
</tr>
<tr>
<td>Breast</td>
<td>227</td>
<td>239</td>
</tr>
<tr>
<td>Colon &amp; Rectum</td>
<td>138</td>
<td>145</td>
</tr>
<tr>
<td>Digestive</td>
<td>166</td>
<td>121</td>
</tr>
<tr>
<td>Endocrine</td>
<td>39</td>
<td>23</td>
</tr>
<tr>
<td>Gynecological</td>
<td>86</td>
<td>39</td>
</tr>
<tr>
<td>Leukemia</td>
<td>19</td>
<td>22</td>
</tr>
<tr>
<td>Lung</td>
<td>251</td>
<td>210</td>
</tr>
<tr>
<td>Lymphoma</td>
<td>67</td>
<td>33</td>
</tr>
<tr>
<td>Male Genital</td>
<td>123</td>
<td>135</td>
</tr>
<tr>
<td>Mesothelioma</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Myeloma</td>
<td>14</td>
<td>9</td>
</tr>
<tr>
<td>Neurological</td>
<td>27</td>
<td>13</td>
</tr>
<tr>
<td>Respiratory</td>
<td>12</td>
<td>13</td>
</tr>
<tr>
<td>Skin</td>
<td>22</td>
<td>23</td>
</tr>
<tr>
<td>Urinary System</td>
<td>144</td>
<td>132</td>
</tr>
<tr>
<td>Other/Miscellaneous</td>
<td>65</td>
<td>35</td>
</tr>
<tr>
<td>TOTAL</td>
<td>1,374</td>
<td>1,194</td>
</tr>
</tbody>
</table>

*2012-2013 data representative of a full year of abstracting