2014 Patient Outcomes Report

METHODIST HOSPITALS

Oncology Institute

Recipient of the American College of Surgeons Commission on Cancer’s 2013 Outstanding Achievement Award.

One of just seventy-four cancer programs in the nation to receive this recognition.
Message from the Cancer Committee:

Accredited by the American College of Surgeons Commission on Cancer since 1971, The Methodist Hospitals Cancer Program maintains constant adherence to the established national program standards for a Comprehensive Community Cancer Program and is guided by the standards set forth by the College in its efforts to meet the unique and complex care needs of cancer patients at Methodist Hospitals. These efforts have garnered consistent recognition for the Methodist Hospitals Oncology Institute.

In May of 2014, Methodist Hospitals was awarded the Outstanding Achievement Award by the Commission on Cancer as the result of our 2013 accreditation survey. This award recognizes cancer program excellence in providing quality patient care, and was awarded to only seventy-four programs across the United States in 2013. To achieve this award, Methodist Hospitals’ cancer program demonstrated the Commendation level of compliance with all seven commendation standards of the College, in addition to compliance with each of the twenty-seven program accreditation standards.

Also in 2014, the Methodist Hospitals’ cancer program was designated as a Molecular Testing Learning Lab for lung cancer, one of only five such sites in the country, by the Association of Community Cancer Centers (ACCC). ACCC is a national organization with the commitment to advancing access to quality comprehensive cancer care in the community setting. Methodist Hospitals has been a member of the ACCC for over thirty years. An additional 2014 recognition for the cancer program was the designation as a Lung Center of Excellence by the Lung Cancer Alliance. This designation reflects the commitment and comprehensiveness of our Lung Center programs, including our Lung Cancer Screening Program coordinated by our Lung Nurse Navigator.

On behalf of our Cancer Committee, we are pleased to present to you our 2014 Oncology Institute Patient Outcomes Report. This report reflects our clinical outcomes for select colorectal cancer criteria, and outlines our cancer services offered at the Methodist Hospitals. The focus of our outcomes report for 2014 was the early diagnosis and treatment of colorectal cancer. We are happy to share our outcomes, utilizing 2012 and 2013 data provided by our Cancer Registry.

B.H. Barai M.D., Chair
Cancer Committee
**2013 Cancer Statistics**

The Methodist Hospital cancer sites for all new analytic* cases in the Cancer Registry database for 2013 were breast, lung, colon/rectal, hematopoietic (lymphoma, multiple myeloma, and leukemia), prostate, and all other. The distribution of these reported cases are shown on the chart below.

*Analytic cases: Diagnosed at Methodist and received all or part of 1st course of treatment at Methodist, or diagnosed elsewhere and received all or part of 1st course of treatment at Methodist. Excludes benign brain and CNS tumors.
Estimated new cases in 2013 for the top cancer sites by gender in the United States by the American Cancer Society* are compared to The Methodist Hospitals 2013 actual cases** as noted on the charts below.

2013 Estimated Top Cancer Sites by Gender

<table>
<thead>
<tr>
<th>Male</th>
<th>Percentage of cases</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lung</td>
<td>20%</td>
</tr>
<tr>
<td>Prostate</td>
<td>19%</td>
</tr>
<tr>
<td>Colon &amp; Rectum</td>
<td>15%</td>
</tr>
<tr>
<td>Kidney</td>
<td>4%</td>
</tr>
<tr>
<td>Bladder</td>
<td>6%</td>
</tr>
<tr>
<td>Other</td>
<td>30%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Female</th>
<th>Percentage of cases</th>
</tr>
</thead>
<tbody>
<tr>
<td>Breast</td>
<td>45%</td>
</tr>
<tr>
<td>Lung</td>
<td>16%</td>
</tr>
<tr>
<td>Colon &amp; Rectum</td>
<td>9%</td>
</tr>
<tr>
<td>Uterus</td>
<td>8%</td>
</tr>
<tr>
<td>Pancreas</td>
<td>3%</td>
</tr>
<tr>
<td>Other</td>
<td>36%</td>
</tr>
</tbody>
</table>

*Source of national data: Cancer Facts and Figures 2013, American Cancer Society (estimated new cancer cases). Does not include basal and squamous cell skin cancers and carcinoma in situ except of urinary bladder and breast.

**Source of Methodist data: Cancer Registry database. Excludes benign brain and central nervous system tumors.

In comparison with the ACS estimates, the Methodist data reflects a higher incidence of colon and lung cancer in our male population and a lower percentage of prostate cancer. The Methodist female volumes reflect a higher percentage of lung and breast cancer and are consistent in the additional sites with the national ACS projected averages.
The American Cancer Society estimates that in 2014, the number of newly diagnosed colorectal cancer cases in the United States will exceed 136,830. Colorectal cancer is the third most common cancer in both men and women. Approximately 50,310 deaths from colorectal cancer are expected to occur in 2014. It is estimated that in Indiana that 3,020 new colorectal cases will be diagnosed this year.

Given the percentage of colorectal cancer, both nationally and at Methodist, our Cancer Committee selected colorectal cancer as the focus of our 2014 Patient Outcomes Report. We have discussed the available data for opportunities to continue improvement in colorectal care services at Methodist with an aim to increase our early stage diagnosis (Stage I and Stage II). The following charts depict comparison data on the age of the patients at the time of diagnosis and the stage of disease at the time of diagnosis. Comparison data includes 2012 data as the most recent available figures from the American College of Surgeons (ACoS) National Cancer Database (NCDB) Benchmarking Reports.

**2012 Age at Diagnosis of Colon Cancer**

The above chart reflects that the majority of The Methodist Hospitals’ patients fall into the 50-59, 60-69 and 70-79 age brackets.
The above chart reflects the patients that are being treated at The Methodist Hospitals have been diagnosed with higher percentage of stage 0 disease than the surrounding area (Lake Shore Division) and our stage 1 disease is equal to the national data.

Throughout the year The Methodist Hospitals offers multiple community outreach programs that focus on men’s and women’s health and wellness. Oncology services are part of that focus. We participate in health fairs, offer free colon cancer physician seminars, distribute colon cancer information, perform colon cancer risk assessments, discuss healthy eating and exercise, and encourage men and women to report anything abnormal to their physician. The above chart reflects that our community outreach initiatives have been successful in our efforts to detect colon cancer at an earlier stage as compared to national data.
Colorectal Cancer Continuous Practice Improvement

To promote continuous practice improvement, Methodist Hospital contributes Cancer Registry data to the American College of Surgeons (ACoS) National Cancer Data Base (NCDB). Our quality results are compiled in the Cancer Practice Profile Reports (CP3R). This reporting tool provides a platform to compare Methodist Hospitals’ cancer care performance with other entities, such as the state, other cancer programs or a geographic area such as the Lakeshore Division of the American Cancer Society. The quality standard accompanying the chart below is endorsed by American Society of Clinical Oncology/Quality Oncology Practice Initiative (ASCO/QOPI) and the National Comprehensive Cancer Network (NCCN).

One of the standards of care for treatment of colon cancer that is monitored by this national data base and the comparison to The Methodist Hospitals clinical outcomes with other participating facilities in 2010-2012 is as follows: Adjuvant chemotherapy is administered within 4 months of diagnosis for patients under the age of 80 with AJCC stage III (lymph node positive) colon cancer.

In comparison with national data, The Methodist Hospitals continues to exceed the quality standard endorsed by ASCO and NCCN in 2010-2012.

Comparison Data for Standard of Care

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Cancer Care Services

**Individualized Case Review by Specialist Team:**
Methodist Hospitals conducts bimonthly Case Review Conferences with the presentation and review of every cancer case diagnosed at Methodist by a team of specialty physicians. This multidisciplinary physician team includes a Surgeon, Medical Oncologist, Radiation Oncologist, Pathologist, Radiologist, Geneticist, and Primary Care Physician. The recommendations for the treatment and management of each case, following national practice standards and guidelines, are shared with each patient’s responsible physician.

Methodist Hospitals also conducts bimonthly Tumor Board Conferences as a medical education initiative as well as providing prospective treatment planning discussions. Again, the specialty physician team discusses all available diagnostic and clinical information for each case, including the most current advances in the diagnosis and treatment of various cancer types. The recommendations of the specialty physician team are again shared with each patient’s responsible physician.

**Genetics:**
Methodist Hospitals Oncology Institute offers the Cancer Genetics Clinic, conducted by a board-certified Medical Geneticist. Some patients and family members may be at a higher risk for the development of cancer, and may benefit from earlier screenings or other risk reduction strategies. The Medical Geneticist helps patients and families to understand the genetic influences on cancers and to develop personalized plans to manage those risks.

**Research:**
The Methodist Hospitals has been affiliated with The Alliance, a national cooperative research network, since 2003. With this collaboration, our physicians have access to national clinical cancer trials, allowing our patients to receive cut-edge treatments in the local community setting.

**Oncology Dietician:**
Our board-certified Oncology Clinical Dietician remains available to work with our patients and families to support the nutritional needs throughout the cancer care continuum. An individualized nutritional plan for each patient will maximize the patient’s response to the clinical process.

**Oncology Social Worker:**
Our Oncology Social Worker is an integral part of our Clinical Team. The Social Worker advocates on behalf of the patient in addressing any psychosocial needs that are identified.
**Navigation:**
Methodist Hospitals Oncology Institute provides Nurse Navigators to assist our cancer patients as they navigate through the diagnostic and treatment phases of their clinical process of care. The Nurse Navigators work closely with the patient physician(s) in the coordination of care processes to expedite the timely treatment interventions.

**Summary:**
The Methodist Hospitals Cancer Committee is pleased to provide you with an overview of the clinical outcome data and achievements in our 2014 Oncology Patient Outcomes Report. We appreciate your choosing Methodist for your health care needs, and remain available to provide the most advanced cancer care in the community setting.