The mission of the Bayhealth Cancer Institute is to deliver the best cancer care in Delaware by providing state-of-the-art treatment, clinical research, education, and prevention to the people of our region.

BAYHEALTH CANCER CENTERS
Bayhealth offers comprehensive cancer care at two integrated cancer centers.

The Cancer Center at
Bayhealth Kent General
640 S. State Street, Dover, DE 19901
Phone: 302-674-4401
Fax: 302-674-4129

The Cancer Center at Bayhealth Milford Memorial
21 W. Clarke Avenue, Milford, DE 19963
Phone: 302-430-5300
Fax: 302-430-5071

BAYHEALTH IS A MEMBER OF THE PENN CANCER NETWORK
Bayhealth is affiliated with the Abramson Cancer Center at the University of Pennsylvania (Penn), which provides our patients with access to university level cancer care, locally.
Welcome

Dear friends and colleagues,

We are pleased to present Bayhealth Oncology’s 2015 Annual Report to our communities.

This year we have chosen to highlight our partnerships with physicians and community members and our ongoing success in patient care and new services.

Once again, our community ambassadors have far exceeded their goals this past year. As a result of their hard work, the Runway of Hope Committee had their best success to date, raising over $60,000 in support of Bayhealth Cancer Institute’s Survivorship Program.

The partnerships with our community physicians are an important part of the cancer care continuum. We are grateful to the community physicians who volunteer their time for our community outreach events.

We would like to recognize the members of the Bayhealth Cancer Committee, who have provided input and ongoing dialogue that have been instrumental in the program’s successful year. Their commitment in the ongoing fight against cancer is remarkable.

Sincerely,

Iftekhar Khan, MD
Cancer Committee Co-Chair
Bayhealth Milford Memorial

John Lahaniatis, MD
Cancer Committee Co-Chair
Bayhealth Kent General
Each calendar year, Bayhealth Cancer Centers at Bayhealth Kent General and Milford Memorial compile comprehensive lists of our patients’ primary cancer sites. We collect and report this information to better understand the occurrence and prevalence of certain types of cancers. This information is also reported to the National Cancer Database (NCDB).

Below, the top five cancer sites are displayed by presenting stage and by percentage.

### KENT GENERAL — TOP 5 BREAKDOWN BY CANCER STAGE

<table>
<thead>
<tr>
<th>Cancer Site</th>
<th>Stage 0</th>
<th>Stage I</th>
<th>Stage II</th>
<th>Stage III</th>
<th>Stage IV</th>
<th>Unknown</th>
</tr>
</thead>
<tbody>
<tr>
<td>Breast</td>
<td>17.6%</td>
<td>9.0%</td>
<td>5.4%</td>
<td>16.3%</td>
<td>5.4%</td>
<td>0%</td>
</tr>
<tr>
<td>Prostate</td>
<td>44.8%</td>
<td>63.6%</td>
<td>0%</td>
<td>23.8%</td>
<td>9.0%</td>
<td>63.6%</td>
</tr>
<tr>
<td>Lung</td>
<td>28.6%</td>
<td>22.5%</td>
<td>19.3%</td>
<td>41.1%</td>
<td>9.6%</td>
<td>0%</td>
</tr>
<tr>
<td>Non-Hodgkin Lymphoma</td>
<td>0%</td>
<td>11.1%</td>
<td>44.4%</td>
<td>5.5%</td>
<td>8.3%</td>
<td>0%</td>
</tr>
<tr>
<td>Colon</td>
<td>33.3%</td>
<td>21.6%</td>
<td>21.6%</td>
<td>6.6%</td>
<td>0%</td>
<td>33.3%</td>
</tr>
</tbody>
</table>

### MILFORD MEMORIAL — TOP 5 BREAKDOWN BY CANCER STAGE

<table>
<thead>
<tr>
<th>Cancer Site</th>
<th>Stage 0</th>
<th>Stage I</th>
<th>Stage II</th>
<th>Stage III</th>
<th>Stage IV</th>
<th>Unknown</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lung</td>
<td>0%</td>
<td>17.0%</td>
<td>24.3%</td>
<td>58.5%</td>
<td>0%</td>
<td>0%</td>
</tr>
<tr>
<td>Bladder</td>
<td>38.0%</td>
<td>28.5%</td>
<td>23.8%</td>
<td>4.7%</td>
<td>4.7%</td>
<td>0%</td>
</tr>
<tr>
<td>Breast</td>
<td>11.1%</td>
<td>44.4%</td>
<td>30.5%</td>
<td>8.3%</td>
<td>0%</td>
<td>0%</td>
</tr>
<tr>
<td>Prostate</td>
<td>23.8%</td>
<td>52.3%</td>
<td>0%</td>
<td>0%</td>
<td>0%</td>
<td>0%</td>
</tr>
</tbody>
</table>

### Analytic Case Distribution

2015
ACCURACY OF DATA

Bayhealth’s Cancer Registry performs an important role in the collection and reporting of cancer data to the National Cancer Database (NCDB). During the collection of data, the Cancer Registry reviews the information and ensures accurate data has been collected prior to submitting to the NCDB. During accreditation surveys in 2015, Bayhealth’s Cancer Registry received a special recognition for reporting accurate data to the NCDB.

Bayhealth’s Kent General and Milford Memorial cancer programs submit data to the NCDB on consensus approved quality measures. Bayhealth participates in the quality program to assess the program’s performance in clinical processes in best practice, evidence based guidelines for cancer care against national benchmarks.

GU Tumor Conference

In March 2015, Bayhealth launched the fourth site-specific conference for genitourinary (GU) cancers. Co-Chaired by urologists Michael Zaragoza, MD, and Gregory Spana, MD, the GU Tumor Conference meets twice a month to discuss cancer cases of the prostate, bladder, kidney, or genitalia. Specialists from urology, medical oncology, radiation oncology, pathology, and radiology review each case, assessing clinical stage, clinical trials, and national evidence based diagnostic and treatment guidelines. A cancer nurse navigator is assigned to this conference to coordinate necessary follow-up care.

“SINCE WE ESTABLISHED THE GU TUMOR CONFERENCE, WE’VE DISCUSSED AND DETERMINED PLANS OF CARE FOR MORE THAN 120 PATIENTS.”

— LINDA MARVEL, BSN, RN, CANCER NURSE NAVIGATOR, GU TUMOR CONFERENCE

QUALITY MEASURES FOR COLON CANCER

At least 12 regional lymph nodes are removed and pathologically examined for resected colon cancer. Bayhealth Cancer Center at Milford Memorial achieved 100 percent compliance, while Kent General’s compliance was 90.3 percent, compared to the state norm of 90.9 percent and the national benchmark of 85.0 percent.

BAYHEALTH’S CANCER REGISTRY WAS GIVEN A 1+ COMMENDATION RATING FOR MEETING THE QUALITY CRITERIA FOR THE ANNUAL CALL FOR DATA ON INITIAL SUBMISSION.
Bayhealth hosted skin cancer screenings in May 2015 just in time for the warm weather. In addition to our typical advertising campaign, we used social media (Facebook, Twitter, and web) to help get the word out. Our followers were excited! They shared our Facebook post about the screening a total of 76 times, while community partners and members of the press “retweeted” our Twitter post.

The result? Bayhealth’s Cancer Institute was inundated with calls from people wanting screenings. Within a short period of time, every scheduled slot was full, and we had a waiting list. Rather than turn people away, our staff worked to schedule an additional two days of screenings in June to meet the demand.

We’d like to thank Joseph F. Andrews, MD of Delaware Dermatology, PA; Elizabeth Masten, MD and Arthur Masten, MD for helping us meet the needs of our community. We look forward to next year!

FREE SKIN CANCER SCREENINGS + SOCIAL MEDIA = SUCCESS!

Skin Cancer

The proximity of Bayhealth’s communities to the beach resorts and a large agricultural industry in Kent and Sussex counties can be considered an environmental risk factor in developing skin cancer. Each year more than 2 million people are diagnosed with skin cancer, and many of these could be prevented with skin protection. Melanoma is the most serious form of skin cancer and the lifetime risk of someone born in the United States of developing melanoma in 2005 was as high as 1 in 55. Bayhealth identified melanoma skin cancer as a focus in their community health assessment.

Epidemiology

Skin cancer is the most common cancer in the United States with more new cases occurring than combined incidence of breast, prostate, lung, and colon cancer each year. Melanoma accounts for less than 5 percent of all skin cancers, however it is the leading cause of death in skin cancers and on average, one American is dying from melanoma every hour. According to the American Cancer Society, in 2014, an estimated 76,100 Americans will be diagnosed with melanoma, and 9,710 will die of melanoma. In Delaware, the average number of cases per year during the time period of 2008-2012 was about 300, which includes 42 and 94 cases per year from Kent and Sussex counties (respectively).

Risk Factors

Risk factors for melanoma include prior history of melanoma, family history of melanoma, multiple atypical moles or dysplastic nevi, rarely inherited genetic mutations and UV exposure from sun and indoor tanning. Those individuals with fair skin who sunburn easily, or who have freckles, red or blonde hair are at higher risk of developing melanoma. Individuals can reduce their risk of skin cancer by limiting their time in the sun, wearing protective clothing and sunscreen, and avoiding indoor tanning.

Screening

The U.S. Preventive Services Task Force and other policymakers have concluded that there is not enough evidence to recommend routine screening for skin cancer. A skin examination should be performed when performing a physical examination for other reasons. Fair skinned individuals over 65 years of age and those with atypical moles are at the greatest risk for melanoma. Protection from UV radiation all year round is important in skin cancer prevention.

— Priya Singh, MD
Bayhealth’s affiliation with Penn Medicine and the Abramson Cancer Center remains an important aspect of our everyday business. Our Penn affiliation continues to transform and expand the scope of services we offer in our community.

Patients can receive genetic testing at Bayhealth Cancer Center to determine their risk factors for certain cancers led by Bayhealth physicians, Penn physicians and genetic counselors. In addition to understanding their own individual risks, patients can share their results with their family members and encourage them to think about their own risk.

Under the direction of Rishi Sawhney, MD (left), medical director Bayhealth Cancer Institute, and Priya Singh, MD, (right) of Bayhealth Hematology-Oncology Associates, community members have local access to physicians and genetic counselors.

“Genetic counselors are very valuable, but they are not everywhere,” says Dr. Sawhney. “Access to genetic counselors has been limited outside of larger cities or academic medical centers.”

Genetic testing results must be explained during a one-on-one session with a trained genetics counselor. In the past, patients needed to travel for this service.

On Wednesday, Nov. 19, the Bayhealth Cancer Institute hosted David I. Lee, MD, Chief of the Division of Urology and Associate Professor of Surgery at Penn Presbyterian Medical Center, Abramson Cancer Center, Penn Medicine.

Dr. Lee discussed the concerns regarding the use of prostate specific antigen (PSA) for general prostate cancer screening, and provided an overview of current national guideline-based recommendations for screening. He also spoke on the topic of criteria for prostate cancer and the role of PSA as a prognostic marker in pre-treatment planning. Dr. Lee presented information on active surveillance and observation for prostate cancer according to National Comprehensive Cancer Network (NCCN) guidelines. Last, he reviewed the current status of the clinical utility for prostate cancer’s molecular biomarker assays.

Our patients can benefit from genetic testing through a partnership between Bayhealth’s Telegenetics Program and Penn’s Abramson Cancer Center Telegenetics Clinic.

Bayhealth’s affiliation with Penn Medicine and the Abramson Cancer Center remains an important aspect of our everyday business. Our Penn affiliation continues to transform and expand the scope of services we offer in our community.

On Friday, Nov. 6, the Bayhealth Cancer Institute hosted an educational event about melanoma for Bayhealth Medical Staff, nurses, and allied health professionals. Bayhealth invited Lynn Shuchter, MD, Chief of Peran’s Hematology Oncology Department of Medicine and the C. Willard Robinson Professor of Hematology-Oncology to give a presentation on melanoma.

Dr. Shuchter led a discussion about quality and outcomes pertaining to multidisciplinary management of melanoma, its epidemiology, clinical trials, and treatment planning for melanoma.

On March 18, the Bayhealth Cancer Institute welcomed Angela Bradbury, MD, and Anil Rustgi, MD, from Penn’s Perelman School of Medicine. Dr. Rustgi is the T. Grier Miller Professor of Medicine and Genetics, Chief of the Division of Gastroenterology, and Director of the Clinical Digestive and Liver Center, and Dr. Bradbury is an Associate Professor of Medicine, an Assistant Professor of Medical Ethics and Health Policy. Bayhealth’s Medical Director Rishi Sawhney, MD, hosted the event at Bayhealth Kent General and invited his colleagues to participate.

Drs. Bradbury and Rustgi made presentations on breast and ovarian cancer genetics and colon cancer genetics. Attendees were provided with information to help them understand the epidemiology of these cancers; identify hereditary genetic markers; and understand the role of genetic counseling, education, and testing of susceptible patients.
The 5th Annual Runway of Hope was an event to remember! The event was held on July 31, 2015, at the Rehoboth Beach Country Club and attracted so many patrons the event was sold out!

Runway of Hope is a fun fashion fundraiser and luncheon that brings together sponsors, advertisers, patrons and friends to support the Bayhealth Survivorship Program. The program pairs cancer survivors with experienced nurse navigators who guide continuing services after treatment has been completed. Through this program, cancer survivors receive assistance in managing any late treatment side effects, setting up appropriate health screenings and tests, and coordinating care with other physicians and health care providers.

Event patrons bid on silent auction items, participated in raffles, and enjoyed delicious hand-selected hors d’oeuvres, a plated luncheon, and dessert. Later, professional models walked the runway wearing styles and designs from Delaware’s best known boutiques. They were followed by physicians and their families, who came to participate in the fashion show and express their support.

Over the past five years, Runway of Hope has grown and evolved in ways we never expected. The Runway of Hope Committee and its co-chairs have provided outstanding support to foster the event’s continuing success.

We would like to acknowledge and thank the 2015 Runway of Hope Committee and its co-chairs, Susan Chinnici, Shalini Sawhney, and Lauren Brittingham for their commitment to the Bayhealth Cancer Institute’s Survivorship Program.
Go Pink!

The 10th annual Go Pink! breast cancer awareness campaign, fundraiser, and health fair was held during the month of October 2015. Bayhealth and the Delaware Breast Cancer Coalition (DBCC) collaborated once more to sell Go Pink! t-shirts and carry out the month-long event. Bayhealth employees and community partners purchased and wore their t-shirts to show their support.

Although we postponed the official Go Pink! Health Fair due to weather, many members of the community attended to receive clinical breast exams and sign up for free mammograms. Wendy Newell, MD, FACS, of Wolf Creek Surgeons, provided free examinations. Petch and Amy from Eagle 97.7 hosted a live radio broadcast on site to promote Go Pink! to their local listeners.
Relay for Life

In spring and summer 2015, Bayhealth sponsored three major Relay for Life events in Smyrna, Central Delaware, and Milford. Relay for Life is the American Cancer Society’s premier fundraising walk; proceeds from the walk support cancer research and programs for cancer patients and their families. This year, 750 walkers participated in the three Relay for Life events, raising over $143,000.

In addition to being Relay for Life’s Gold Sponsor, Bayhealth’s staff members volunteered at the event by serving dinner for survivors and passing out shirts, and physicians spoke at the event’s opening ceremonies.

Red Balloon Bash

On April 19, 2015, the Cancer Support Community of Delaware presented Bayhealth with the Community Partner Award at its annual Red Balloon Bash. The fundraising event was held at Wild Quail Golf & Country Club and drew support from many local sponsors.

John D. Shevock, FACHE, FACMPE, Senior Director of Operations, Oncology Service Line and Executive Director of the Bayhealth Cancer Institute was honored to accept the award on behalf of Bayhealth Cancer Centers, and spoke of the strong collaboration between Bayhealth and the Cancer Support Community. Shevock is pictured accepting the award from the Cancer Support Community’s Kent County Advisory Committee Chair Lois Studte, Kent County Director Jan Shallcross, and Executive Director Nicki Pickles.

Representatives from the American Cancer Society presented two plaques to Bayhealth Cancer Center’s leaders in appreciation for their involvement in Relay for Life.

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Recognizing Bayhealth Cancer Institute’s dedicated board members

On Nov. 6, the Bayhealth Cancer Institute recognized the service of board members whose terms expired in December 2015. On behalf of the Bayhealth Cancer Institute, Senior Vice President and Chief Operating Officer Deborah Watson, FACHE, FACMPE, thanked and presented plaques to John Lahaniatis, MD, Wendy Newell, MD, FACS, and Michael Samaha, MD, who served as board members from 2007 to 2015. We would like to recognize and thank these individuals for their generous contributions and guidance over the past eight years.

2015 BAYHEALTH CANCER INSTITUTE BOARD OF DIRECTORS

Michael Samaha, MD — Chair
Hitekhar Khan, MD — Vice Chair, Ex Officio
Michael Tretina — Treasurer, Ex Officio
Susan Chinnici — Secretary
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Paul Fedalen, MD
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Michael Twining

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I. Khan, MD — Chair, Medical Oncology
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J. Lahaniatis, MD — Chair, Radiation Oncology
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L. Reid, MD — Family Medicine
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R. Sawhney, MD — Medical Oncology
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R. Singh, MD — General Surgery
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J. Glick, RN — Infusion
P. Isnerwood, FACHE — Senior Manager, Onc. Ops.
B. Kirkes, FACHE — VP Ancillary & Clinical Services
K. Jester — Manager, MABH PT/OT
J. Nack, BSN, RN, CTR — Cancer Registry Coordinator
C. Popelas, PharmD — Pharmacy
C. Rogers, RN, CPHQ — Director, Accreditation
J. Shevock, FACHE — Senior Director of Ops., Onc. Ser.
C. Stern, RN, MSN, CCRP/Penn
M. Sullivan, MBA, MS, CCC-SLP — Speech Pathology
K. Vifrine, RN — Clinical Trials Nurse
D. Watson, FACHE — Chief Operating Officer
J. Workman, RN, MSN/MHAS — Manager Cancer Institute

FORMER BAYHEALTH CANCER COMMITTEE MEMBERS HONORED

We recognize Donna Stinson, FACHE, and Mary Jane McClements, MD, who faithfully served the Bayhealth Cancer Committee.
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