

2015 Cancer Program

ANNUAL REPORT



The Jewish Hospital 

 **MERCYHEALTH**

2014 Cancer Program summary

The Jewish Hospital — Mercy Health is proud to present the 2015 Annual Report of our 2014 cancer program data. Over 1,000 new cancer cases were accessioned into our cancer registry, 885 of which were analytic cases.

The Jewish Hospital — Mercy Health cancer program provides the highest quality of cancer care as evidenced by the ongoing accreditation of our cancer program by the American College of Surgeons, Commission on Cancer (ACoS-CoC) as well as accreditation of our Blood and Marrow Transplant Program by the Foundation for the Accreditation of Cellular Therapy (FACT). In 2014, the transplant program was the second in the country and only in the Midwest to earn The Joint Commission's Gold Seal of Approval®, a specialty certification in stem cell transplantation. Meeting and exceeding the standards published by these auspicious organizations, as demonstrated by accreditation, assures our patients, their families and our community that they will receive the highest quality of care across the cancer care continuum.

The Jewish Hospital — Mercy Health offers the full spectrum of cancer diagnostic and treatment services, both on-site and through our partnership with Oncology Hematology Care (OHC), the largest group of oncologists in the Cincinnati area. Diagnostic and treatment services include a nationally accredited comprehensive Breast Center; a fellowship-trained surgical oncologist specializing in liver and pancreas cancers; state-of-the-art radiation therapy services (including Gamma Knife); and a wide range of supportive care services. Our support services include: nutritional counseling, psychosocial support, rehabilitation, spiritual support and palliative care.

The cancer program also offers educational programs to the community we serve, sponsors cancer support groups and, in partnership with OHC, offers access to clinical trials. The Blood Cancer Center's relationship with the Center for International Blood and Marrow Transplant Research (CIBMTR) and the National Marrow Donor Program (NMDP) ensure blood cancer patients have access to diagnosis and treatment, specific clinical trials and the opportunity to participate in cutting edge hematology research.

The goal of the Cancer Committee of The Jewish Hospital — Mercy Health is to continually strive for clinical excellence and to improve the care and services provided to our cancer patients and families. Each year the committee reviews the quality and quantity of services provided, identifies gaps, sets goals to fill these gaps and oversees the conduct of care improvement activities to ensure we are always exceeding expectations and providing the highest level of patient-centered care.

In 2014, The Jewish Hospital — Mercy Health had its Breast Center accredited by the National Accreditation Program for Breast Centers (NAPBC), recognizing excellence of breast care and services.

The Jewish Hospital — Mercy Health Cancer Committee

The Surgical Oncology Specialty Quality Committee is a multi-disciplinary team comprised of hospital employees, staff physicians and members from the American Cancer Society. The committee meets quarterly to monitor the performance of the hospital's cancer program, and to review the available services and programs.

Our mission is to provide a patient-focused, integrated and comprehensive cancer program. We will serve in a compassionate and efficient manner, providing state-of-the-art technology and research, through caring for people one individual at a time.

2014 Cancer Committee membership

Physician Members

Shyam Allamaneni, MD
Co-Chair, *General Surgery, CLP*

Elizabeth Weaver, MD
Co-Chair, *Radiology*

Miguel Islas-Ohlmayer, MD
Medical Oncology

Michael Berger, MD
Pathology

Elizabeth Levick, MD
Co-Chair, *Radiation Oncology*

Cancer Program Coordinators

Michael Berger, MD
Quality of Registry Data

Yvonne Duhart, RHIT, CTR
Cancer Conference Coordinator

Mary Lou Cieslak, MD
Community Outreach

Deb Powell, BSN, RN, OCN
Performance/Quality Improvement

Gina Whitt-Plageman, RHIT, CTR
Cancer Registry Quality Coordinator

Allied Health Members

Rebecca Allen, RT, MS, CRA
Cancer Program Administrator

Elena Stein, MAHL, BCC
Pastoral Care

Vicki Estridge, BSN, RN, OCN
Clinical Manager, BMTU

Elyse Wells, LSW, MSW
Social Worker, Case Manager

Gina Whitt-Plageman, Rhit, CTR,
Certified Tumor Registrar

Cathy Beumer, RNC, CNS
Performance Improvement, Palliative Care Team

Robin Hite, R.T. (R) (T)
Radiation Oncology

Casey Faber
American Cancer Society

Michael DeVoe, Pharm.D
Pharmacy

K-Lynn Andrews
Rehabilitative Representative

Lyn Sontag, PsyD, ABPP
Psychosocial Services

Annette Shepherd, R.T. (R) (T)
Mammography - Community Member

Deb Powell, BSN, RN, OCN
Performance/Quality Improvement

Kim Gelhaus, RD, LD
Registered Dietitian

M. Chris Hensley, BS, RN
Clinical Research Representative

Jack Hill, VP
Administration

Erin Mundt, MS, LGC
Genetic Counseling

Cancer Conferences

Cancer Conferences provide a multidisciplinary format for the development of a plan of care for the cancer patient. The conferences are integral to improving care and providing education to physicians and hospital staff. Consultative services and education are optimal when physicians representing all oncology related disciplines participate in the discussion. Patient identities are kept confidential.

The Cancer Conferences are prospective, patient-oriented and multidisciplinary by design. Medical Oncology, Radiation Oncology, Diagnostic Radiology, Pathology, and General Surgery specialties are present to discuss diagnostic evaluations and possible treatment options for the types of cancers presented at the conferences. Physicians from all specialties, including Medical and Surgical residents are invited to attend.

Treatment options that are based on national guidelines and AJCC staging are the foundations of the discussions. National Comprehensive Cancer Network (NCCN) Practice Guidelines in Oncology, information on open clinical trials, NCDB and cancer registry data are provided for the cancer sites presented.

The Jewish Hospital — Mercy Health Cancer Conferences

The **Breast Cancer Conferences** are conducted weekly on the first four Wednesdays of the month.

The **Thoracic Cancer Conference** is held on the first and third Fridays of the month.

The **GI Cancer Conferences** are held on the second and fourth Fridays of the month.

The **General Cancer Conference** is held on the second Tuesday of every other month

The **Blood Cancer Center Multidisciplinary Team Meeting** is held each Wednesday.

Cancer Registry

The Cancer Registry is a vital component of the Cancer Program, providing data for programmatic and administrative planning, research, and for monitoring patient outcomes. Data are collected according to the current standards of the Commission on Cancer to create a detailed cancer-focused record for all reportable tumors diagnosed and/or treated at our hospital. Each record entered into the database contains information on the diagnosis, extent of disease, treatment received, recurrence of disease and lifetime follow-up for each patient. Aggregate data is analyzed and published without patient identifiers to protect the confidentiality of each patient entered into the cancer database according to Ohio state laws and HIPAA regulations.

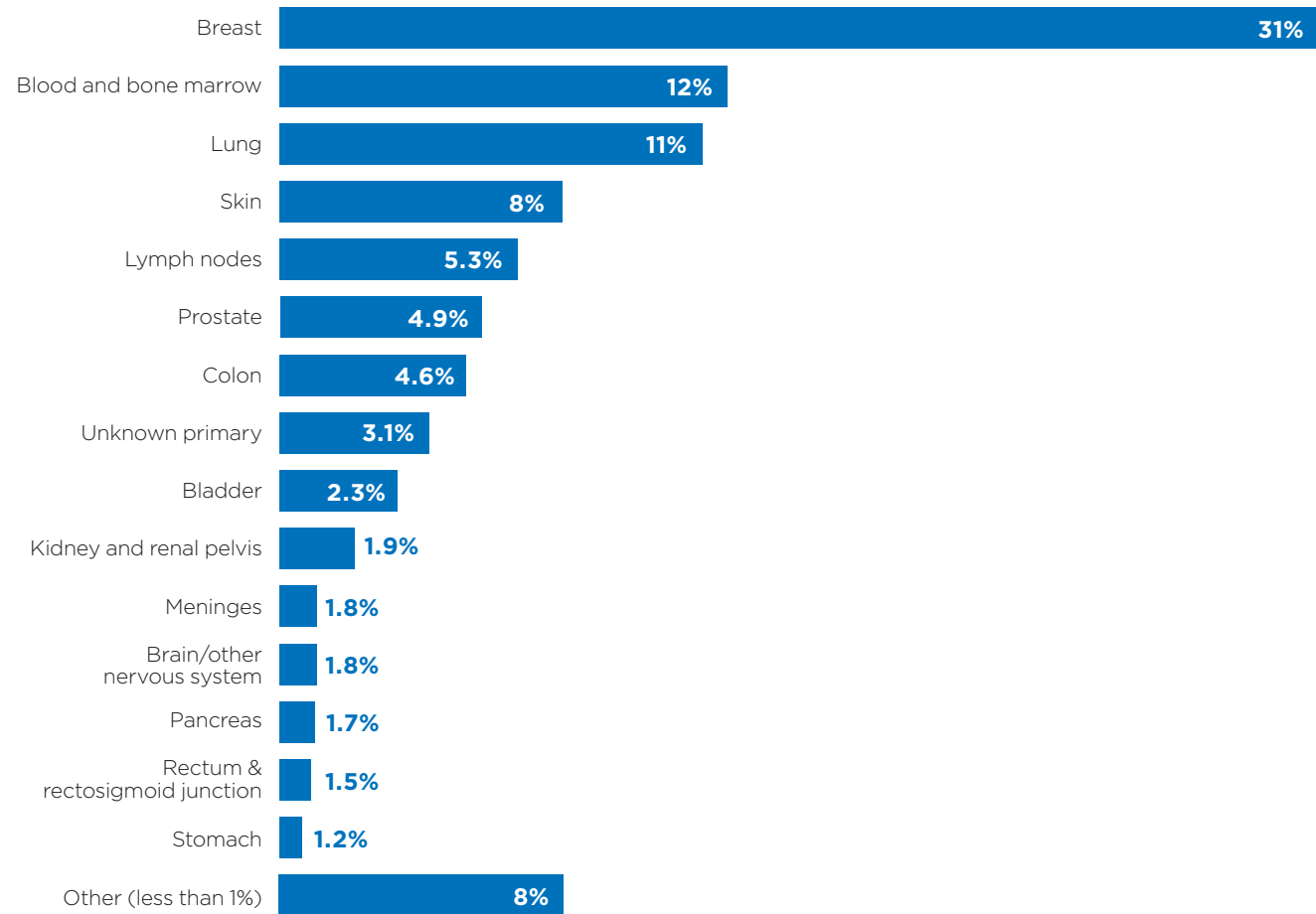
A Cancer Registrar performs the collection, interpretation, analysis and reporting of cancer data. The National Cancer Registrars Association defines Cancer Registrars as “data management experts who collect and report cancer statistics for various healthcare agencies.” Registrars work closely with physicians, administrators, researchers, and health care planners to provide support for cancer program development, ensure compliance with reporting standards, and serve as a valuable resource for cancer information with the ultimate goal of preventing and controlling cancer. The Cancer Registrar is involved in managing and analyzing clinical cancer information for the purpose of education, research, and outcome measurement.

All approved Cancer Programs are required by the Commission on Cancer to submit registry data that is error free to the National Cancer Data Base (NCDB) annually. As a result of the data submission to the NCDB programs are able to benchmark their performances and outcomes to that of regional, state and national patterns. Major differences between the facility data and the national data are reviewed in an effort to identify the areas of improvement.

In addition, cancer data is submitted to the Ohio Cancer Incidence Surveillance System (OCISS). All reported data is used to support research, track trends, initiate epidemiologic studies, generate journal articles and provide data for allocation of services. The data is analyzed to identify opportunities for community cancer awareness and screening where higher stages (III-IV) of cancers are seen. This data also provides a means of identifying possible cancer clusters within the state. The Blood Cancer Center also reports registry data to the Center for International Blood and Marrow Transplant Research (CIBMTR) per federal requirements of the Stem Cell Transplant Outcomes Database (SCTOD), which allows analysis of center-specific outcomes and patient access to transplants.

2014 cancer data summary and comparisons

THE JEWISH HOSPITAL — MERCY HEALTH PERCENTAGE OF NEWLY DIAGNOSED CASES IN 2014



Top cancer sites in 2014

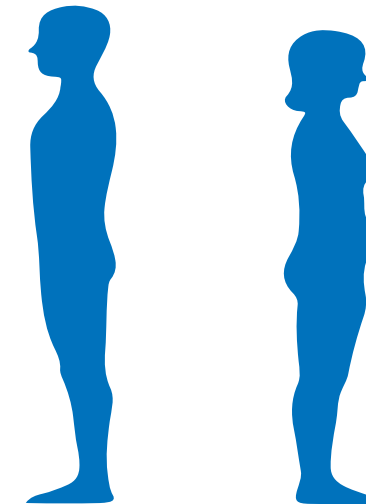
The American Cancer Society published that about 1,660,540 new cancer cases were expected to be diagnosed in 2014 in the United States. Nationally, the top five cancer sites in men were: prostate (29%); lung (14%); colon/rectum (9%); bladder (7%); and melanoma (5%). For women, the top five cancer sites were: breast (29%); lung (13%); colon/rectum (8%); uterus (6%); and thyroid (6%).

At The Jewish Hospital — Mercy Health, the top cancer sites in 2014 were: breast (277 cases/31%); blood and bone marrow (109 cases/12%); lung (95 cases/11%) and skin (71 cases/8%).

Distribution of cases by gender reveals that breast cancer is the top site for females (50%) while prostate cancer was the top site in males (13%), just barely above lung cancer (12%). The table demonstrates the percentage of cases seen at The Jewish Hospital — Mercy Health compared to the national average incidence for each cancer site.

2014 TOP CANCER SITES BY SEX UNITED STATES VS THE JEWISH HOSPITAL — MERCY HEALTH (TJH)

Male	US	TJH	Female	US	TJH
Prostate	29%	13%	Breast	29%	50%
Lung & bronchus	14%	12%	Lung & bronchus	13%	10%
Colon & rectum	9%	9%	Colon & rectum	8%	4%
Urinary bladder	7%	5%	Uterine corpus	6%	1%
Melanoma of the skin	5%	11%	Thyroid	6%	1%
Non-hodgkin lymphoma	4%	7%	Non-hodgkin Lymphoma	4%	4%
Kidney & renal pelvis	5%	3%	Melanoma of the skin	4%	3%
Oral cavity & pharynx	4%	2%	Kidney & renal pelvis	3%	1%
Leukemia	4%	14%	Ovary	3%	1%
Pancreas	3%	2%	Pancreas	3%	2%



American Cancer Society Inc., Surveillance and Health Policy Research, Facts and Figures, 2014
U. S. figures are estimated for 2014

Lung cancer screening

Findings of patient lung screenings at The Jewish Hospital, 2014

Lung cancer is a significant health problem in the U.S. Approximately 235,000 new cases are diagnosed each year, and nearly 170,000 people die annually from lung cancer. In Ohio alone, nearly 10,000 individuals will be diagnosed with lung cancer and almost 8,000 a year will die of their disease. The mortality rate from lung cancer in Mercy Health Cincinnati's four-county service area (Hamilton, Clermont, Butler and Warren counties) averages 58 per 100,000.

The United States Preventative Services Task Force has recommended that people at risk for lung cancer receive low-dose CT scanning for early detection of lung cancer in an attempt to reduce the number of lung cancer deaths. Yearly lung cancer screenings are recommended for people ages 55-79 years old who have smoked a pack a day for 30 years and either continue to smoke or who have quit in the last 15 years.

A study of the effectiveness of lung cancer screening was recently conducted by the National Cancer Institute. The initial results of this eight-year National Lung Screening Trial (NLST) prove that low dose CT scans can help save the lives of people at high risk for lung cancer. The trial found 20% fewer deaths among participants screened with low dose CT.

The Jewish Hospital — Mercy Health initiated its lung cancer screening program in 2014. Results for 2014 are presented below.

2014

Total lung screenings	84
Results: normal/yearly follow up only (LRAD 1-2)	54
Results: recommended follow up in 3-6 months (LRAD 3-4)	30
Cancer detected	2
Stage 2	1
Stage 4	1
*Current smoker	39

Nurse navigators play a vital role in the Mercy Health Lung Cancer Screening Program. The navigator coordinates the care of the screening patient to ensure continuity and quality care. While a patient can be referred to the program through a variety of providers, their referral into the program opens the door to a continuum of services for pulmonary health and primary care. The navigator screens the patient and ensures adherence to screening guidelines. The navigator ensures patient follow up with yearly screening and monitoring CTs. By sending reminder letters and making phone calls to patients and PCP, the navigator will increase the return screening rate. Twenty-five percent of patients requiring a 3-6-month follow-up returned due to the aforementioned patient navigation intervention.

From a patient point of view, screening gives them peace of mind. They appreciate the extra time and attention the navigator takes to explain test results and monitoring plan. As part of an effective screening program, we offer smoking cessation classes to all participants. The navigators are able to spend the required time with patients to help them develop a successful plan to quit smoking ... time their PCP doesn't always have.

The navigator is a complement to the medical team, ensuring follow up, tracking data for program quality management, and enhancing the patient perspective. Collectively the navigator can elevate the health of our patients as we strive to "Be Well." It is what we were meant to do.

Cancer resources

The Jewish Hospital — Mercy Health Cancer Program is committed to making a difference in our community. While we offer a number of educational and screening programs to the community, we want to be sure patients, families and community members are looking at the best sources of cancer information when searching the Web. Listed below are websites we consider credible and reliable.

American Cancer Society programs and screening guidelines

For information on American Cancer Society Programs and Screening Guidelines:

- Visit cancer.org or call 800-ACS-2345 (800-227-2345)

Informational websites

For information on breast and other cancers, call or visit:

- National Cancer Institute at 800-4-CANCER or cancer.gov
- People Living with Cancer: The official patient information website of the American Society of Clinical Oncology at cancer.net/portal/site/patient
- National Comprehensive Cancer Network at nccn.org/patients
- American Cancer Society — 800-ACS-2345 or cancer.org

- National Library of Medicine at nlm.nih.gov/medlineplus/healthtopics.html
- US TOO! International, Inc. at ustoo.org
- National Coalition for Cancer Survivorship at canceradvocacy.org
- Leukemia and Lymphoma Society at lls.org

Clinical trial information

For information on access to clinical trials in your area:

- Call the American Cancer Society, Clinical Trials Matching Service (a free, confidential program) at 800-303-5691 or visit cancer.org
- Visit the National Cancer Institute (NCI) website at: cancer.gov/clinicaltrials/search
- Visit the Coalition of Cancer Cooperative Groups at: cancertrialshelp.org
- Visit OHC Clinical Trials at OHCare.com/patient-resources/clinical-trials/#clinical-trials

References/sources:

American College of Surgeons
 American Cancer Society
 National Cancer Institute
 Electronic Registry System

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mercy.com