



2019 CANCER PROGRAM ANNUAL REPORT

Based on 2017 Data





Cancer Registry

The cancer registry for Advocate BroMenn Medical Center (ABMC) is a systematic collection of data designed to coordinate the abstraction, research, management, analysis and dissemination of cancer information. Cancer Registrars are responsible for the collection of this data. Data collected reflects all of the patients who have been diagnosed and/or treated with a malignant diagnosis and benign central nervous system tumors.

In May of 1999, the Community Cancer Center opened and registry staff centralized to work out of this facility. The cancer registry department coordinates cancer program activities relative to meeting standards set by the American College of Surgeons for an accredited cancer program. Registrars hold the responsibility of case finding and abstracting at Advocate BroMenn, OSF Healthcare St. Joseph Medical Center, Digestive Disease Endoscopy Center, and the Community Cancer Center.

In 2017, there were 327 cases abstracted from Advocate BroMenn Medical Center. The abstracted data is transmitted to the Illinois State Cancer Registry and the National Cancer Data Base (NCDB), which is maintained by the American College of Surgeons' Commission on Cancer.

Annual follow-up of registry patients is one of the mandatory functions of cancer registry. Patients have life-time follow-up, providing the patient and physician with a valid measurement of outcomes. The follow-up rate for patients that have been diagnosed within the past five years must be at 90% or greater. All other cases in the registry must have an 80% follow-up rate. In 2019, we achieved a 94% follow-up rate for cases diagnosed in the last five years and 91% for all cases.

Advocate BroMenn Medical Center Cancer Committee Members 2018

Brian Gebhart, DO	<i>Cancer Liaison Physician; Surgeon</i>
John Migas, MD	<i>Cancer Conference Coordinator</i>
Dana Altenburger, MD	<i>Cancer Registry Quality Coordinator Pathologist</i>
Jonathan Foss, MD	<i>Diagnostic Radiologist</i>
Pramern Sriratana, MD	<i>Medical Oncologist</i>
Theresa Prosser, RN	<i>Oncology Nurse</i>
Janette Chambliss, RN	<i>Palliative Care Nurse</i>
Tami Olson, RN	<i>Quality Management Representative</i>
James Nevin, MD	<i>Vice-President, Medical Management</i>

Community Cancer Center Staff Cancer Committee Members 2018

Shermian Woodhouse, MD MPH	<i>Cancer Committee Chair Chief Radiation Oncologist Medical Director Quality Improvement Coordinator</i>
Joe Prosser, MBA	<i>Cancer Program Administrator Executive Director</i>
Angela Thompson, MHA	<i>Radiation Oncology Manager</i>
Julia Sprinkle, BS LPN CRC	<i>Clinical Research Coordinator</i>
Becky Powell, MS RN AOCN	<i>Genetics Professional Community Outreach Coordinator Professional Education Coordinator</i>
Candi Gray, MSW LCSW OSW-C	<i>Social Worker Psychosocial Services Coordinator</i>
Bonnie Crosier, OM	<i>Pastoral Care Representative</i>
Mary Kay Holloway, RDN LDN	<i>Registered Dietitian</i>
Christa Turner, MT (ASCP)	<i>Cancer Program Coordinator</i>
Tanya Underhill, RHIA CTR	<i>Cancer Registry</i>

Community Outreach

Prevention Programs

Cancer prevention programs identify risk factors and methods to transform attitudes and behaviors to reduce the chance of developing cancer. In 2018, the Community Cancer Center restructured the monthly “reNEW” (Nutrition, Exercise, and Wellness) classes into a healthy living and lifestyle program for cancer survivors. Prevention programs offered in 2018: “Prostate Cancer: Know Your Risk.”

Screening Programs

In 2018, the Community Cancer Center held a Latina Outreach Event for uninsured/underinsured local Latina women. This event was a two-step process where women were first enrolled into the Illinois Breast and Cervical Cancer Program (IBCCP) and provided breast health awareness education. After enrollment, 18 Latina women completed screening mammograms. The goal of this event was to help raise the breast cancer screening rate for the Latina population in this community, which was only 15.4% in 2017. Without this program, many of these women would not have had a screening mammogram completed. Advocate BroMenn continues to offer LDCT Lung Cancer Screening. A total of 1,230 patients have been screened since this program began in 2014 with 21 confirmed positive cases.

Patient Care Enhancements

Quality performance improvements are an essential part of an accredited cancer program. In 2018, select improvements included:

- Offered a lunch and learn series to educate staff and community health care workers on faith specific traditions and religious stipulations in health care
- Increased the performance rate of pre-treatment brain imaging studies for patients with limited-stage small cell lung cancer (SCLC)

Studies of Quality and Outcomes

Studies of Quality and Outcomes are completed and reviewed annually. In 2018, the following studies were presented and reviewed by the Cancer Committee:

- Examined the use of adjuvant radiation therapy s/p surgery for brain metastases
- Evaluated pre-treatment brain imaging studies during initial evaluation for patients diagnosed with small cell lung cancer (SCLC)

Cancer Program Practice Profile Reports

The 2016 quality measures for the Cancer Program Practice Profile Reports, set by the American College of Surgeons, found Advocate BroMenn to be in 100% compliance with recommending or administering Tamoxifen or third generation aromatase inhibitor within 1 year (365 days) of diagnosis for women with AJCC T1c or Stage II or Stage III hormone receptor positive breast cancer.

Advocate BroMenn also achieved 100% compliance regarding the recommendation or administration of adjuvant chemotherapy within 4 months (120 days) of diagnosis for patients under the age of 80 with AJCC Stage III (lymph node positive) colon cancer.

Cancer Conferences

Cancer conferences are multi-disciplinary conferences where physicians present patient cases to discuss: pathology, radiologic findings, prognostic indicators, staging, treatment options, National Comprehensive Cancer Network (NCCN) guidelines, availability of clinical trials, psychosocial factors, follow-up, and other factors related to the patient's care and well-being. Physicians from medical oncology, radiation oncology, general surgery, pathology, and diagnostic radiology actively participate in cancer conferences. Conferences are facilitated by the Cancer Registry Staff. In 2018, there were 84 prospective cancer cases presented in conference from Advocate BroMenn Medical Center.

Clinical Trials

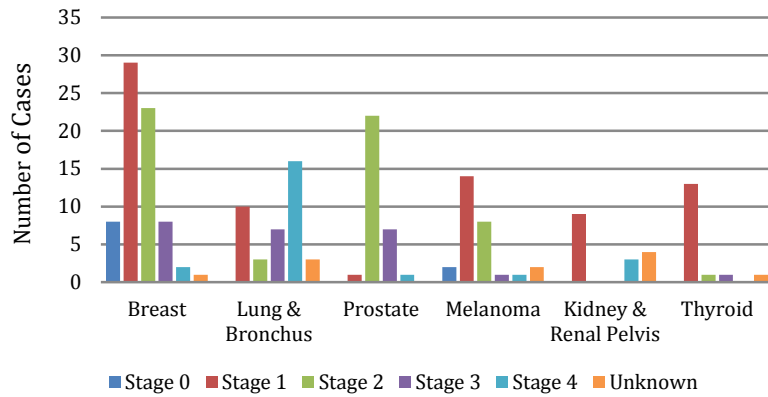
Each calendar year, the required percentage of patients on clinical research studies is accrued, documented and reported by the Clinical Research Coordinator. The minimum required percentage of analytic cases accrued for clinical research is 2%. The commendation percentage for clinical trials is 4%. For 2018, 11% of Advocate BroMenn's analytic cases were involved in clinical research studies, more than double the commendation percentage.

Palliative Care Services

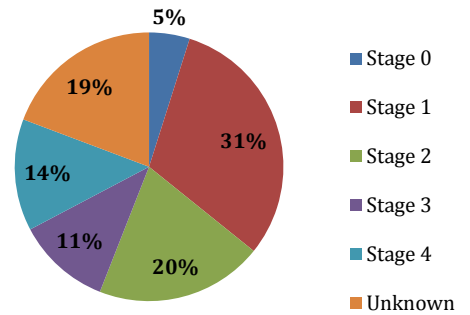
Palliative Care is a service provided to the patient and their families to optimize the quality of life for terminally ill patients. This service provides emotional support and allows an easier transition between curative treatments to hospice care. The palliative care team is multi-disciplinary and is led by a palliative care coordinator. The Palliative Care Network consists of physicians, nurses, social workers, chaplains, pharmacists, physical therapists, respiratory therapists, dietitians, financial counselors, mental health staff, hospice and home care staff. The program manages the continuity of care across different stages of patient care.

2019 Advocate BroMenn Annual Report (2017 data)

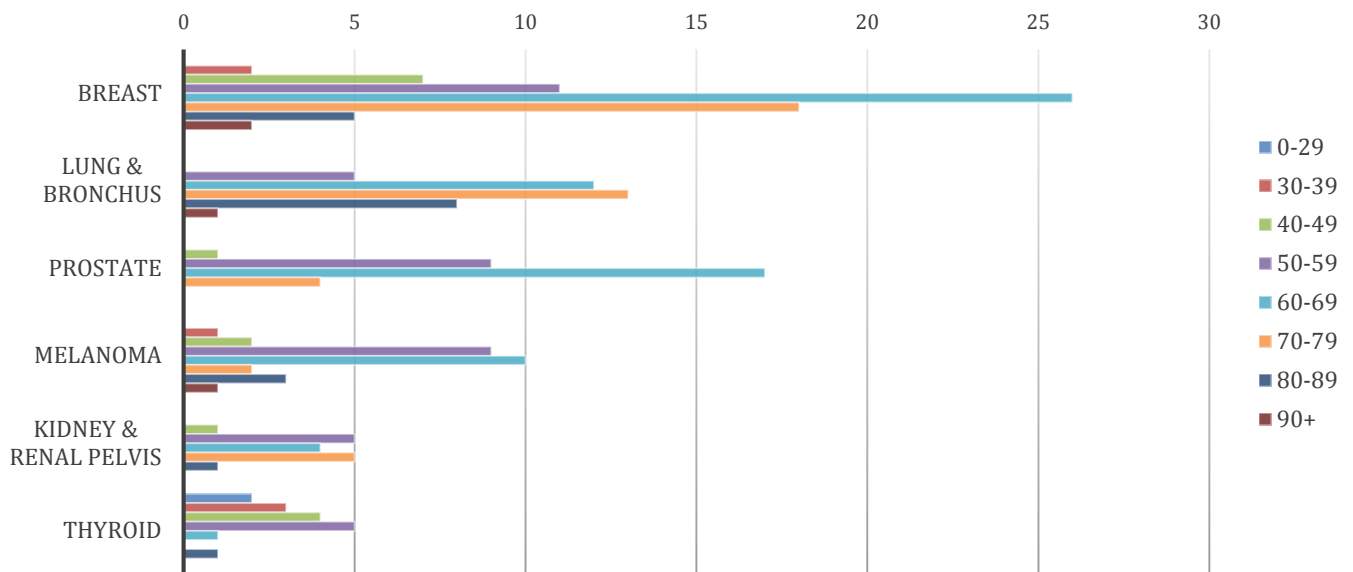
Stage at Diagnosis - Major Sites



Stage at Diagnosis - All Sites



Age at Diagnosis - Top 5 Sites



Statistical Analysis 2017

In 2017, 327 analytic cases (cases initially diagnosed and/or received first course of treatment at Advocate BroMenn Medical Center) were added to the registry. The top five sites at Advocate BroMenn were Breast (21.7%), Lung & Bronchus (11.9%), Prostate (9.5%), Melanoma (8.6%), Kidney & Renal Pelvis (4.9%) and Thyroid (4.9%).

Case distribution comparisons were made between men and women at Advocate BroMenn and in Illinois for the top 10 sites in 2017. For men, 6 out of 10 sites were reported at lower or equal percentages when compared to Illinois percentages. For women, 5 out of 10 sites were reported at lower or equal percentages when compared to Illinois percentages.

The top three cancer sites for men at Advocate BroMenn in 2017 were Prostate (21.4%), Lung and Bronchus (17.2%), and Melanoma (12.4%). The top three cancer sites for women at Advocate BroMenn in 2017 were Breast (38.5%), Corpus and Uterus (8.2%), and Lung and Bronchus (7.7%).

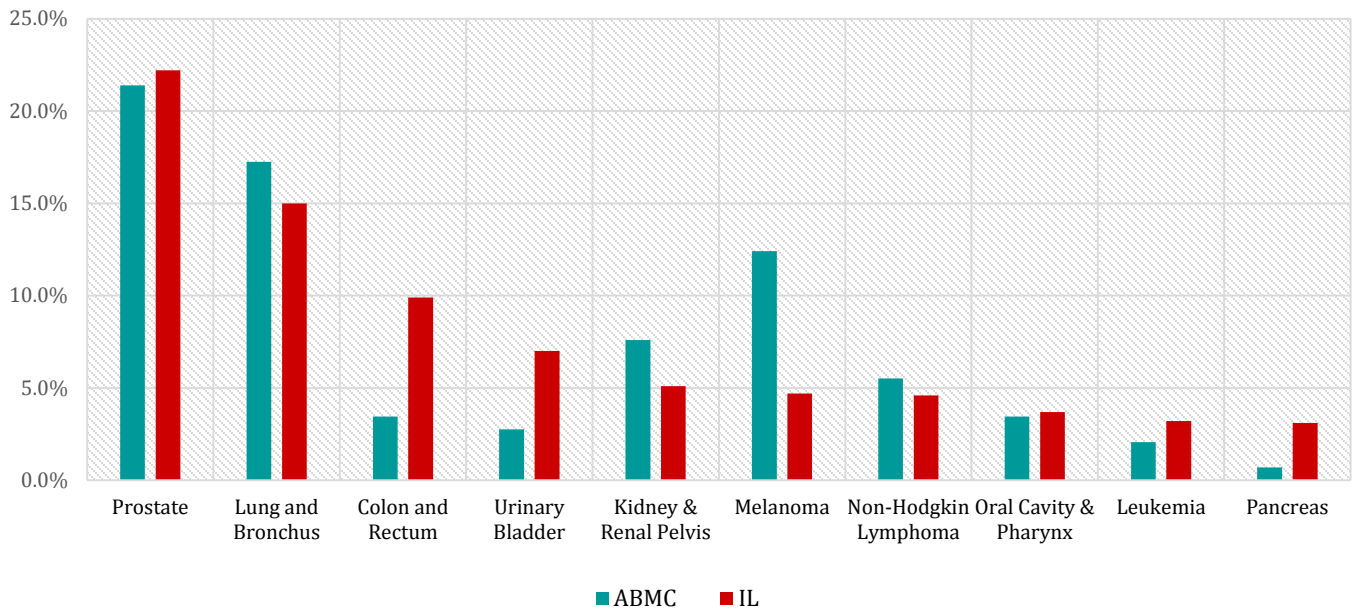
Case Distribution Comparison

Males			Females		
ABMC	Site	IL	ABMC	Site	IL
21.4%	Prostate	22.2%	38.5%	Breast	29.8%
17.2%	Lung & Bronchus	15.0%	7.7%	Lung & Bronchus	13.6%
3.4%	Colon & Rectum	9.9%	4.4%	Colon & Rectum	8.5%
2.8%	Urinary Bladder	7.0%	8.2%	Corpus & Uterus	6.9%
7.6%	Kidney & Renal Pelvis	5.1%	5.5%	Thyroid	4.5%
12.4%	Melanoma	4.7%	1.6%	Non-Hodgkin Lymphoma	3.9%
5.5%	Non-Hodgkin Lymphoma	4.6%	5.5%	Melanoma	3.3%
3.4%	Oral Cavity & Pharynx	3.7%	2.7%	Kidney & Renal Pelvis	2.8%
2.1%	Leukemia	3.2%	2.7%	Pancreas	2.7%
0.7%	Pancreas	3.1%	1.6%	Ovary	2.5%

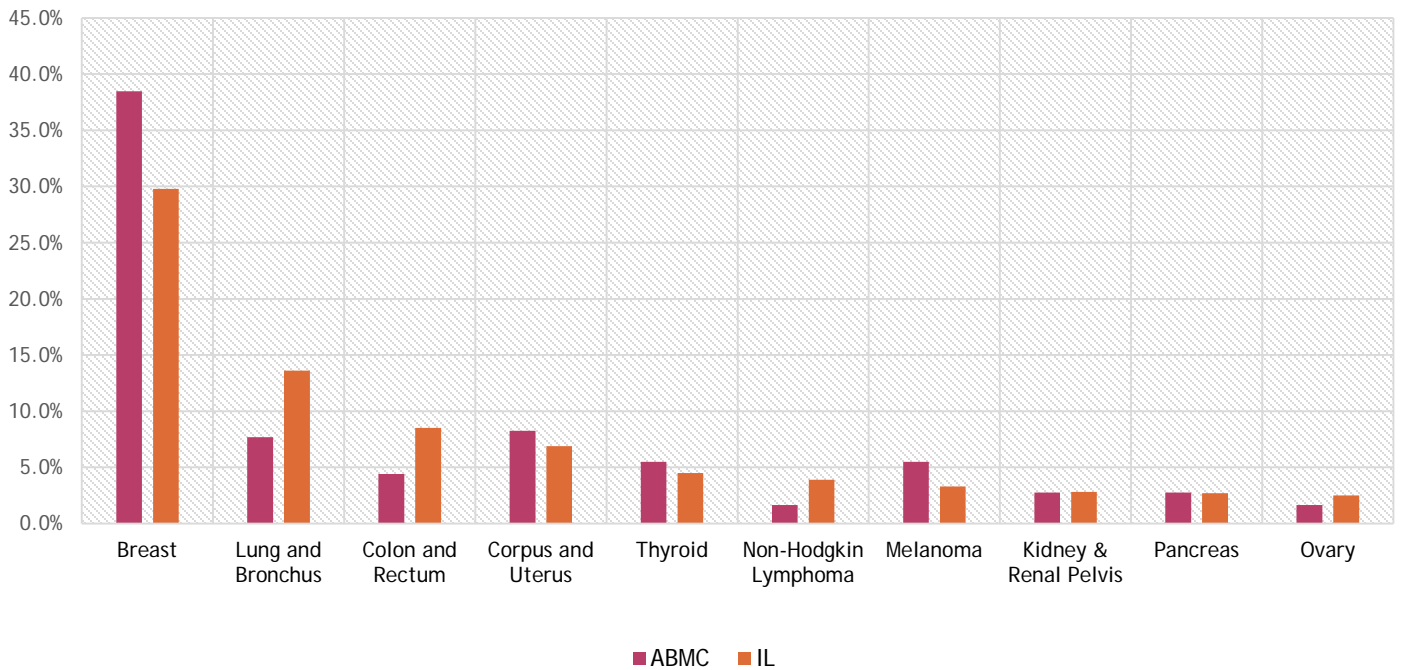
Illinois Data; Illinois Department of Public Health, Illinois State Cancer Registry, public data file, data as of November 2016

Statistical Analysis 2017

Top Cancer Sites in Men ABMC vs. IL



Top Cancer Sites in Women ABMC vs. IL



Community Cancer Center

The Community Cancer Center is a joint venture between Advocate BroMenn Healthcare and OSF St. Joseph Medical Center. The cancer programs at both hospitals are accredited by the American College of Surgeons. The Community Cancer Center's mission is "to be the destination of choice for cancer services in the Eastern region of Central Illinois through our effective partnerships coupled with personalized care."

In May 1999, the Community Cancer Center opened as a freestanding facility. The medical and radiation oncology practices of Mid-Illinois Hematology and Oncology Associates and Community Cancer Center all office in the Center. The Center is led by the executive director and the medical director, in a dyadic leadership model. Interdisciplinary staff includes ONS Certified Nurses, Oncology Certified Social Worker, Oncology Certified Dietitian, Community Health Educator, Professional Education Coordinator, Certified Breast Health Navigator, Radiation Therapists, Dosimetrist, PET Radiology Technician, Research Data Manager, Cancer Program Coordinator, Cancer Registrar, and support staff. This staff is committed to services, which complement, enhance and coordinate those offered by Advocate BroMenn Healthcare and OSF St. Joseph Medical Center, the physicians and other agencies.

The Community Cancer Center is governed by a Board of Directors appointed by the two Parent Organizations.

Professional Education

The Community Cancer Center coordinates continuing education for healthcare professionals. In 2018, a program was held to discuss the revised AJCC staging requirements for breast cancer as outlined in the 8th edition. This program covered the role of Genomic Assays in the new staging recommendations and the NCCN guidelines for ER positive, HER2 negative, node negative disease.

Genetics

Genetics testing is available at the Community Cancer Center and is conducted by an Advanced Oncology Certified Nurse with special training in genetics. Patients referred for genetic testing are screened for hereditary breast and ovarian cancer, Lynch syndrome, non-polyposis colorectal cancer, and adenomatous polyposis syndromes.

Survivorship

All patients considered to be analytic (initially diagnosed and/or treated at Advocate BroMenn) with Stage I, II, or III cancers that are treated with curative intent for initial cancer occurrence and who have completed active therapy are eligible to receive a survivorship care plan.

Support Services

Support services at the Community Cancer Center are offered throughout the year at no charge to the participants. Support services that are offered include: Cool Club (for kids who have a loved one with cancer), UsToo (prostate cancer support group), Advanced Cancer Support Group (for those with metastatic or stage IV cancer), reNEW (a healthy lifestyle program for cancer survivors), Spiritual Pathways (religious and spiritual perspective on the cancer journey), i care (cancer caregiver support group), and Yoga (offers therapeutic support to patients and caregivers).

Comprehensive Breast Service of the Community Cancer Center

Launched in 2007, the Comprehensive Breast Service of the Community Cancer Center strives to promote weekly multi-disciplinary treatment planning where newly diagnosed breast cancer cases are presented for discussion and treatment decisions (breast cancer conference). Weekly conferences are attended by physicians representing all aspects of patient's care, including Medical Oncology, Radiation Oncology, General Surgery, Pathology, Radiology, and Primary Care. The service offers the assistance from the certified Breast Health Navigator, a registered nurse who specializes in the facilitation of breast cancer care. The Navigator offers educational resources for the patient and family, answers their questions, and provides support during the cancer treatment process. She is also trained in breast-self exam and conducts community education events to train women in the proper exam procedure. Facilitation of physician recommendations for patient care is relayed by the Navigator in order to ensure patient understanding.

For more information, please visit our website: www.comprehensivebreastcenter.org.

Pink Partners

In 2009, the initiative Pink Partners of the Community Cancer Center™ was created in an effort to increase the mammography rate in our community. The program focuses on the encouragement among women to get a mammogram, advocacy in the form of partnerships with local businesses and organizations. In 2018, Pink Partners participated in the Women's Health Night event and collaborated with local beauty salons to host the 2nd annual "Mamm and Glam." There were 75 attendees at this free event, which featured educational programs on breast health, offered mammogram scheduling, and showcased a variety of beauty services. Educational information was promoted on the Pink Partners® Facebook page, WJBC local radio station, CCC website and in local newspapers.

Treatment Options

Medical Oncology and Radiation Oncology services, intensity modulated radiation therapy (IMRT), image-guided radiation therapy (IGRT), and stereotactic radiosurgery and body radiotherapy (SRS/SBRT), are available at the Community Cancer Center. The treatments offered follow recommendations and guidelines established by the National Comprehensive Cancer Network (NCCN) and include access to clinical trials and state of the art technology.

Resource Center

The Community Cancer Center has a stocked library covering various topics (prevention, early detection, treatment, general reference, coping, and survivorship) for those diagnosed with cancer and their loved ones. Through the center's website (www.cancercenter.org), community members can research clinical trials and find information on various community activities. The volunteers that devote time to the Community Cancer Center greatly contribute to the enhancement of services. Volunteers assist in everything from reception and patient visits to office work and gardening. These volunteers are greatly appreciated by the staff and the patients.

Advocate BroMenn

Site Specific Study – Lung Cancer 2017

Lung cancer continuously presents as one of the top cancer diagnoses at Advocate BroMenn Medical Center (ABMC). For this study, we analyzed stage by age group and compared stage at time of diagnosis to other Community Cancer Programs. In 2017, there were 39 patients diagnosed with lung cancer at Advocate BroMenn. Of these patients, 33.33% were diagnosed between the ages of 70-79, which is comparable to the national average. For patients diagnosed with lung cancer between 50 and 69 years old, 41.2% were diagnosed in earlier stages (Stage 0-Stage II). Overall, 25.64% of Advocate BroMenn patients were diagnosed with Stage I lung cancer compared to 21.37% nationally. Fewer ABMC patients were diagnosed with Stage 4 lung cancer in comparison to similar facilities (41.03% vs. 44.45%).

