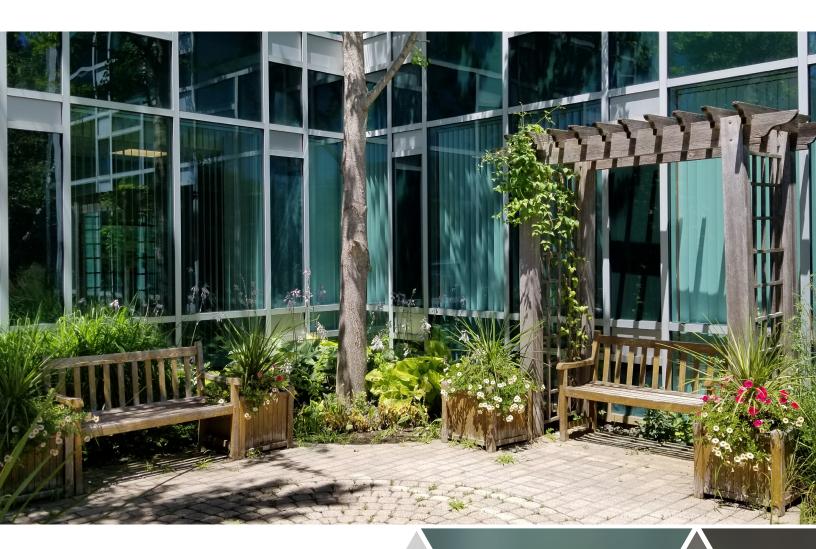
# 2017 ANNUAL REPORT

OSF Saint Anthony Medical Center *Patricia D. Pepe* Center for Cancer Care







#### DEAR MEMBERS OF OUR COMMUNITY,

#### WE ARE PROUD TO PRESENT

our annual report for 2017. At the Patricia D. Pepe Center for Cancer Care at OSF HealthCare Saint Anthony Medical Center, we made great strides to improve multidisciplinary care, provide nursing excellence, impact screening and prevention of cancer in our community and enhance our clinical trials program. We are committed to compassionate care delivery, and we strive to maintain the highest quality of care for our patients and their families.

Over the past year, our Multidisciplinary Breast Cancer Tumor Board reviewed 69 cases. The team meets regularly to review care and management options for patients, develop individualized care plans and offer a wide range of state-of-the-art therapies.

We conduct weekly multidisciplinary tumor conferences to provide a systematic approach to individualized cancer care. This allows for a rapid team-care approach that incorporates the latest technology, well-established best practices and evidence-based guidelines to maximize survival and quality of care. Through our Mayo Clinic affiliation, we participate in teleconference tumor boards and electronic consultative services.

Reducing the incidence of cancer in our community remains a central goal. Through our annual skin cancer screening program, we screened over 70 people in 2017. We maintain strong relationships with several community organizations, including the American Cancer Society and OSF Healing Pathways Resource Center. We also support events that raise awareness for screening and prevention, such as the Bow-Tie March, Winnebago County Relay for Life, Making Strides Against Breast Cancer and Cancer Comes in Many Colors.

Our nurses were recognized by their peers as the RN group of the year. Kim Conley, our clinical nurse, received an award for clinical excellence. Our patient access greeter, Andrew Kasigyi, received the Mission Partner of the Year, and our clinical pharmacist, Erich Balsman, was recognized for exemplary performance improvement. Nurse-directed navigation services continued to improve patient satisfaction and time to diagnosis, reduce barriers to care, and shorten the time to first treatment. In fact, our navigators, Peggy Malone and Lisa Bruno, have been nationally recognized for nursing excellence and patient empowerment.

Patients in our Center for Cancer Care have access to 60 clinical trials for a range of cancer diagnoses and stages. We continue to expand our therapy offerings by providing access to targeted therapies, personalized genomics and everexpanding immunotherapies.

Our patients demonstrate to us what strength, courage and love can do on a daily basis, and we are humbled to work alongside a team of caring providers. Looking forward, we hope to keep improving the health and quality of life of our patients, and we wish to thank the Mission Partners, supporters, volunteers and donors who make our achievements possible.

Sincerely,

Ajaz Khan, MD

Cancer Committee Chairman



#### CANCER CARE THAT MEETS THE HIGHEST STANDARDS

In keeping with our Mission, we strive to provide a warm, supportive and dignified environment for patients at all stages of their disease, whether receiving treatment, rehabilitation or palliative care.

Through our membership in the Mayo Clinic Care Network, providers at OSF HealthCare Saint Anthony Medical Center can collaborate and connect with Mayo Clinic specialists and Mayo Clinic resources to deliver cutting-edge treatment and expertise for patients locally. We can connect digitally with specialists using the eConsult tool, present and informally discuss the management of complex cases with a multidisciplinary panel using the eBoards tool and we can access Mayo Clinic care guidelines, treatment recommendations and other resources using the AskMayoExpert tool. The Mayo Clinic Care Network membership helps us strengthen our commitment to improving the delivery of health care through data-driven, evidence-based medical practices.

OSF HealthCare Saint Anthony Medical Center is honored to be an American College of Surgeons (ACoS) Commission on Cancer (CoC) accredited program for the past 75 years. The CoC accreditation challenges cancer programs to enhance the care they provide by addressing patient-centered needs and measuring the quality of the care they deliver against national standards.

OSF Saint Anthony is also proud to be accredited by the QOPI Certification Program (QCP™), an affiliate of the American Society of Clinical Oncology (ASCO), since 2012. QCP builds on ASCO's Quality Oncology Practice Initiative (QOPI®), providing a three-year certification for outpatient hematology-oncology practices that meet nationally recognized standards for quality cancer care. Achieving recertification emphasizes our commitment to provide high quality cancer care for our patients.



#### **CANCER CONFERENCES**

Cancer conferences provide an open forum for multidisciplinary presentations and discussions on various treatment options and ultimately the determination of the most appropriate patient management plan. National Comprehensive Cancer Network (NCCN) guidelines are reviewed and discussed at cancer conferences along with American Joint Committee on Cancer (AJCC) staging.

Weekly cancer conferences continued with enthusiasm in 2017 and were extremely well-attended by the medical staff. There were 49 Wednesday morning conferences, which are approved and certified for AMA PRA Category 1 Credit™.

These convenient on-site educational opportunities for the medical staff included diagnostic, pathologic and treatment overviews on 240 cases. The most commonly presented primary cancers were breast, lung, lymphoma, colon, head and neck. Physicians and health care professionals are welcome to attend these meetings that enhance patient care.

#### **CANCER REGISTRY**

Quality cancer data is central to the nation's fight against cancer and cancer registrars are essential to capturing that data. Cancer registry professionals collect, manage and analyze clinical cancer information on all inpatients and outpatients diagnosed and/or treated for cancer at OSF HealthCare Saint Anthony Medical Center. The collected data on all cases maintained in the cancer registry is available for the purposes of research, special studies, monitoring patient outcomes, cancer program development, cancer prevention and education. Each patient entered in the registry database is followed for life, thus providing accurate survival, recurrence and outcomes information. Only aggregate information is analyzed and published. Patient confidentiality is strictly maintained.

The data collected by the cancer registry is submitted and utilized by state and national cancer registries including:

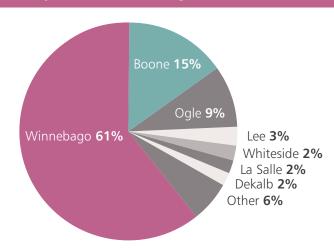
- Illinois State Cancer Registry, which is a part of the Center for Disease Control and Prevention's National Program of Cancer Registries (NPCR)
- National Cancer Data Base (NCDB), a joint program of the American College of Surgeons, Commission on Cancer (COC) and the American Cancer Society.
- The data is included in the prestigious Annual Report to the Nation on the Status of Cancer, a collaboration of the American Cancer Society, the Centers for Disease Control and Prevention, the National Cancer Institute and the North American Association of Central Cancer Registries.

The cancer registry is overseen by two certified tumor registrars who are responsible for coordinating cancer conferences, cancer committee meetings and the survey process with the CoC, ensuring that each of the standards are being met. The registry also assists with quality studies and production and publication of the annual report. The registrars are members of the Cancer Registrars of Illinois and the National Cancer Registrars Association, and they participate in educational events including attendance of a regional or national conference to maintain certification status.

## CANCER REGISTRY REVIEW 2016 DATA

In 2016, the cancer registry accessioned 867 cases, 812 of which were analytic (diagnosed and/or treated at this facility). The data in this report will reflect only analytic cases.

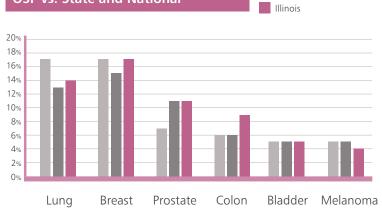
#### **County of Residence at Diagnosis**



#### **Top 10 Site and Sex Distribution**

Primary Site	Total	Male	Female
Lung	136	74	62
Breast	134	7	127
Hematopoietic	62	32	30
Prostate	55	55	0
Colon	52	22	30
Skin/Melanoma	43	25	18
Bladder	38	30	8
Pancreas	24	11	13
Kidney	20	13	7
Thyroid	20	7	13





OSF

National

## 2016 OSF TOTAL ANALYTIC INCIDENCE

by Site, Gender, AJCC Stage

Primary Site	Total	Male	Female	Stage 0	Stage I	Stage II	Stage III	Stage IV	N/A U	nknown
ORAL CAVITY & PHARYNX	14	9	5	0	1	3	4	3	0	3
Tongue	4	2	2	0	0	1	2	0	0	1
Salivary Glands	2	1	1	0	0	0	1	0	0	1
Floor of Mouth	2	1	1	0	0	1	0	0	0	1
Tonsil Oropharynx/Hypopharynx	4 2	4	0	0	0	1 0	1	2	0	0
DIGESTIVE SYSTEM	132	59	73	1	17	26	30	36	5	17
Esophagus	4	4	0	0	17	0	0	3	0	0
Stomach	10	3	7	0	3	0	3	2	0	2
Small Intestine	1	0	1	0	0	0	0	1	0	0
Colon Excluding Rectum	52	22	30	1	6	16	15	9	0	5
Rectum & Rectosigmoid	17	8	9	0	4	4	4	4	0	1
Anus, Anal Canal & Anorectum	8	2	6	0	1	4	3	0	0	0
Liver & Intrahepatic Bile Duct Gallbladder	6 2	4	2	0	0	0	2	1	0	2
Other Biliary	5	3	2	0	0	0	1	1	0	3
Pancreas	23	11	12	0	2	2	2	15	0	2
Other Digestive Organs	4	2	2	0	0	0	0	0	4	0
RESPIRATORY SYSTEM	144	80	64	0	37	8	24	63	0	12
Larynx	8	6	2	0	2	2	0	3	0	1
Lung & Bronchus	136	74	62	0	35	6	24	60	0	11
SOFT TISSUE	7	4	3	0	3	1	0	2	0	1
SKIN EXCLUDING BASAL & SQUAMOUS CELL	42 38	24 22	18	10	14 13	7	4	2	1	4
Melanoma Other Non-Epithelial Skin	38 4	22	16 2	10 0	13	6	4	0	0	3 1
BREAST	134	7	127	27	56	41	6	2	0	2
FEMALE GENITAL SYSTEM	30	0	30	0	8	2	10	5	0	5
Cervix Uteri	4	0	4	0	0	0	3	1	0	0
Corpus & Uterus	20	0	20	0	7	2	4	3	0	4
Ovary	4	0	4	0	0	0	2	1	0	1
Vagina	1	0	1	0	0	0	1	0	0	0
Vulva	1	0	1	0	1	0	0	0	0	0
MALE GENITAL SYSTEM Prostate	58 55	58 55	0	0	6	32 32	6	9	0	5 4
Testis	3	3	0	0	2	0	0	0	0	1
URINARY SYSTEM	63	47	16	7	30	7	6	7	1	5
Urinary Bladder	37	29	8	5	20	4	2	3	0	3
Kidney & Renal Pelvis	23	15	8	1	10	3	4	3	0	2
Ureter	1	1	0	1	0	0	0	0	0	0
Other Urinary Organs	2	2	0	0	0	0	0	1	1	0
BRAIN & OTHER NERVOUS SYSTEM	39	16	23	0	0	0	0	0	39	0
Brain Cranial Nerves Other Nervous System	18 21	12 4	6 17	0	0	0	0	0	18 21	0
ENDOCRINE SYSEM	26	11	17	0	5	2	0	5	7	7
Thyroid	19	7	12	0	5	2	0	5	0	7
Other Endocrine Including Thymus	7	4	3	0	0	0	0	0	7	0
LYMPHOMA	39	23	16	0	14	3	2	17	0	3
Hodgkin Lymphoma	6	3	3	0	1	1	1	1	0	2
Non-Hodgkin Lymphoma	33	20	13	0	13	2	1	16	0	1
MYELOMA	21	12	9	0	0	0	0	0	21	0
LEUKEMIA	18	11	7	0	0	0	0	0	18	0
Lymphocytic Leukemia Myeloid & Monocytic Leukemia	12 6	8	4	0	0	0	0	0	12 6	0
MESOTHELIOMA	2	2	0	0	0	0	0	1	0	1
KAPOSI SARCOMA	1	1	0	0	0	0	0	0	1	0
MISCELLANEOUS	42	22	20	0	0	0	0	0	42	0
TOTAL	812	386	426	45	191	132	92	152	135	65
TOTAL	812	386	426	45	191	132	92	152	135	65

# BREAST CANCER EXPERIENCE AT OSF HEALTHCARE SAINT ANTHONY MEDICAL CENTER

Breast cancer remains one of the most common malignancies diagnosed in American women. It is the second leading cause of cancer death among women after lung cancer. Estimated statistics from the American Cancer Society forecast that over 266,120 new cases of invasive breast cancer and 63,960 new cases of carcinoma in situ (CIS) will be diagnosed in 2018.

Since the availability of mammographic screening, the incidence of breast cancer rose during the 1980's and 1990's, but trends over the past decade reveal an overall stability. However, the trend in African American women continues to reveal a slight increase by 0.3 percent per year. For women with average breast cancer risk or women with no known personal or familial history of breast cancer, and who have not received chest wall radiation before age 30, American Cancer Society recommends regular mammography screening starting at age 45. Annual mammograms should continue up to age 55. Women over 55 can switch to biennial or continue annual screening, as long they remain in good health.

Women who are at higher risk for breast cancer due to a known familial history, high-risk genetics, chest wall radiation or who have a greater than 20 percent lifetime risk of developing breast cancer are generally screened with a breast MRI and mammogram every year starting at age 30.

Mortality from breast cancer over the past three decades has decreased 39 percent, leading to over 320,000 fewer deaths. This is mainly due to earlier detection via screening and continued improvements in treatment. Currently, the American Cancer Society reports there are more than 3.5 million breast cancer survivors.

Risk factors for breast cancer are female sex, genetic predisposition, hormone replacement therapy, radiation to the chest wall, history of atypia on breast biopsy (i.e. lobular carcinoma in-situ, atypical ductal or lobular hyperplasia) and increasing age. The median age at diagnosis for women is 62 years and rates steadily climb with each decade of life after age 50.

The number of breast cancers diagnosed by age and stage here at OSF Saint Anthony are shown on the following page.

Breast cancer treatment for early and locally advanced disease (i.e. Stages I, II, III) focuses on curative intent and long-term survival. Treatment involves multidisciplinary care by a team consisting of specialists such as a breast surgeon, radiation oncologist, medical oncologist, plastic surgeon, physician assistants, nurse practitioners, nurses, psychologists, social workers, nutritionists, genetic counselors and other health professionals. Each treatment plan is based upon medical and personal choices such as patient values and lifestyle. The treatment is specifically tailored to the biology of the tumor, stage of disease, overall health of the patient and personal preferences. These differences can lead to different treatment plans, even for people with identical diagnoses. The main strategies of treatment can be divided into local and systemic therapy. Local therapy consists of surgery or radiation, which treat the breast, chest wall and lymph nodes in the underarm area. Systemic therapy consists of chemotherapy, hormonal manipulation or targeted agents that aim to get rid of cancer cells that may have spread from the breast to other body parts.

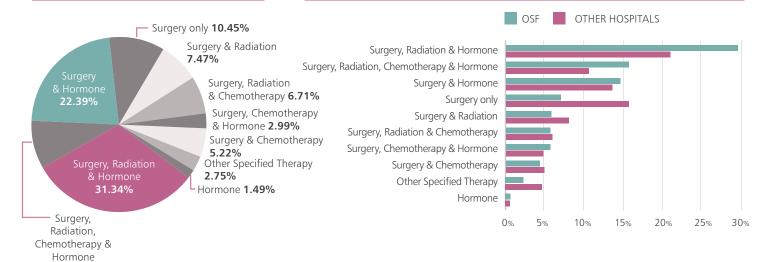
## Age by Stage Distribution OSF 2016 Analytic Breast Cancer Cases

Age at Diagnosis	Stage 0	Stage I	Stage II	Stage III	Stage IV	NA/UNK	Total
<40	0	1	2	0	0	0	3
40-49	2	5	5	2	0	0	14
50-59	5	10	6	0	1	3	25
60-69	11	20	9	1	0	0	41
70-79	7	14	9	1	0	0	31
80-89	2	5	6	2	0	0	15
90+	0	1	3	0	0	1	5

## 2016 OSF BREAST CANCER FIRST COURSE TREATMENT

8.96%

## BREAST CANCER - FIRST COURSE TREATMENT NCDB COMPARISON 2006-2015





The Patricia D. Pepe Center for Cancer Care at OSF HealthCare Saint Anthony Medical Center is the sponsor of the Woman to Woman Breast Cancer Support Group. In 2018, the group will celebrate its 10th year under the leadership of Lisa Bruno, RN, BSN, OCN. The group meets monthly and brings together women who share a common bond, providing emotional and spiritual support for them. Under Lisa's guidance, the group has grown over the years and boasts a monthly average attendance of 10 women.

## National Cancer Database Performance Measures STANDARD 4.4

Ongoing quality reviews monitor compliance at OSF HealthCare Saint Anthony Medical Center with nationally established evidence-based treatment guidelines for the cancer care and management of patients. This performance review includes six measures and compares our performance with state and national data.

The review includes the most recent NCDB data from 2015. OSF Saint Anthony consistently scored 100 percent, exceeding the overall state and national rates for all six accountability measures.

Measure		OSF	IL	USA
BCSRT	Radiation therapy is administered within one year (365 days) of diagnosis for women under age 70 receiving breast conserving surgery for breast cancer.	100%	93.3%	92.1%
MAC	Combination chemotherapy is recommended or administered within four months (120 days) of diagnosis for women under 70 with AJCC T1cN0, or stage IB–III hormone receptor negative breast cancer.	100%	93.1%	93.2%
нт	Tamoxifen or third generation aromatase inhibitor is recommended or administered within one year (365 days) of diagnosis for women with AJCC T1c or stage IB-III hormone receptor positive breast cancer.	100%	93.9%	92.7%
MASTRT	Radiation therapy is recommended or administered following any mastectomy within one year (365 days) of diagnosis of breast cancer for women with $>=4$ positive regional lymph nodes.	100%	91.2%	89.3%
ACT	Adjuvant chemotherapy is recommended, or administered within four months (120 days) of diagnosis for patients under the age of 80 with AJCC stage III (lymph node positive) colon cancer.	100%	92.2%	89.0%
12 RLN	At least 12 regional lymph nodes are removed and pathologically examined for resected colon cancer.	100%	93.6%	92.0%





The Patricia D. Pepe Center for Cancer Care at OSF Healthcare Saint Anthony Medical Center has partnered with several community organizations in the Rock River Valley, including the American Cancer Society, OSF Healing Pathways Resource Center and the Pink Heals Winnebago County, Illinois chapter. Partnership activities with the American Cancer Society include Relay for Life, Making Strides against Breast Cancer, Cancer Comes in Many Colors event and the Real Men Wear Pink campaign. We also partner with the American Dermatological Association to provide skin cancer screenings for the community. These partnerships are instrumental in meeting the needs of the community by preventing, diagnosing and treating cancer and providing support for patients and their families.



On April 21, 2017, about 250 people attended this event at Giovanni's Convention Center in Rockford. Dr. Richard Nora was the keynote speaker on the topic of lung cancer. The Center for Cancer Care and OSF Healing Pathways partnered to host a booth at this event where more information was provided on lung cancer and the services offered at OSF Healing Pathways.

#### Community Physician Referral Open House

To increase exposure to the new expansion area of the Center for Cancer Care, an open house was held on May 10, 2017, for community physicians. Tours were conducted by Mission Partners.

#### Leukemia and Lymphoma Society Event

Dr. Richard Nora was the keynote speaker at this event at Prairie Street Brewhouse in Rockford on May 11, 2017. Again, the Center for Cancer Care and OSF Healing Pathways partnered to host a booth.





#### Skin Cancer Screening

The annual skin cancer screening event was held on May 13, 2017. Dermatology providers performed screenings. There was also information regarding skin cancer prevention and early detection, as well as myths and facts about sunscreen. Seventy-four people were screened, and 15 of the participants were referred for follow-up.

#### Winnebago County Relay for Life

On June 2, 2017, OSF Saint Anthony had a special opportunity to partner with the American Cancer Society, as well as other area organizations and health care systems, to support Relay for Life. A team from the Center for Cancer Care hosted an educational booth at this event.

#### Senior EXPO

On September 13, 2017, Mission Partners from the Women's Center hosted an educational booth with cancer prevention and early detection materials at the EXPO. The Senior EXPO is a two-day resource fair featuring the latest in programs, products, events and information for those 60 and older. It serves as a one-stop shop for caregivers or family members seeking information for the seniors in their lives.

#### **Pink Heals Tour**

The Pink Heals Winnebago County chapter visited the Center for Cancer Care on September 21, 2017. It was a day filled with lots of pink fire trucks, police cars and pink firemen. The group went through the cancer center and the inpatient oncology unit and gave hugs and support to patients and families. Their goal is to assist patients and families that are battling cancer in our community.

#### Styling for Pink

Cancer Comes in Many Colors: This fundraiser was held on October 1, 2017 at Giovanni's Restaurant & Convention Center. The OSF Women's Center hosted an educational booth and display about early detection and prevention of breast cancer.

#### Real Men Wear Pink

Our very own Dr. Ajaz Khan participated in the American Cancer Society Real Men Wear Pink campaign in October, 2017, to raise awareness and funds for breast cancer.

#### Making Strides Against Breast Cancer Walk

This American Cancer Society walk was held on Saturday, October 14, 2017, at Rock Valley College. The OSF Women's Center hosted an educational booth with breast cancer prevention educational materials, while several OSF HealthCare Mission Partners and their family members participated in this annual walk with over 3,000 participants.

#### **Great American Smoke-Out**

The national Great American Smoke-Out day was November 16, 2017. This year, a team from the Center for Cancer Care partnered with the American Cancer Society and had an educational booth in the front lobby of OSF Saint Anthony. Information on the dangers of smoking and resources for quitting were provided, along with low-dose CT scan criteria to identify lung cancer at an earlier stage.







#### COMMITMENT TO PROFESSIONAL DEVELOPMENT

#### **Awards**

The nurses of the Patricia D. Pepe Center for Cancer Care at OSF HealthCare Saint Anthony Medical Center were presented with the 2017 Interdisciplinary Clinical Excellence "RN Group of the Year" award.

Andrew Kasigyi was presented with the 2017 Interdisciplinary Clinical Excellence "Mission Partner of the Year" award.

**Erich Balsman, PharmD, BCPS**, was presented with the 2017 Interdisciplinary Clinical Excellence "Performance Improvement" award.

**Lisa Bruno**, **RN**, **BSN** was a finalist for The Oncology Nurse 2017 ONE award. She also was presented with the 2017 Ministry Interdisciplinary Clinical Excellence "Empowerment" award.

Kim Conley, RN, BSN, was presented with the 2017 Ministry Interdisciplinary Clinical Excellence award.

#### **Professional Achievements**

Congratulations goes to Judy LaSala, RN, BSN, who received her Bachelor of Science in Nursing degree.



### **OUR DEDICATED ONCOLOGY TEAM**



Iftekhar Ahmad, MD Radiation Oncology



George Bryan, MD Radiation Oncology



Kent Hoskins, MD Medical Oncology



Ajaz Khan, MD Medical Oncology



Mete Korkmaz, MD Medical Oncology



Richard Nora, MD Medical Oncology



Peggy Rogers, AOCNP Medical Oncology



Ismael Shaukat, MD Medical Oncology



Shylendra Sreenivasappa, MD Medical Oncology

#### CANCER COMMITTEE

The Cancer Committee is a multidisciplinary group comprised of physicians from various specialties, as well as representatives from departments that provide support and manage cancer care. The committee works closely with the American Cancer Society, benefitting the support and services they have available. The committee meets monthly to guide and implement cancer-related policies and programs for OSF HealthCare Saint Anthony Medical Center.

Cancer Committee Chair

Ajaz Khan, MD

Cancer Liaison Physician

Iftekhar Ahmad, MD, MS

#### Cancer Committee Coordinators

Cancer Conference Coordinator Quality Improvement Coordinator Cancer Registry Quality Coordinator Community Outreach Coordinator Clinical Research Coordinator Psychosocial Services Coordinator Tanya Magnuson, CTR Peggy Malone, RN, BS, OCN Lynn Kiehl, CTR Julie Carlson, MSN, APN, AOCNS Mark Rogers, CCRC Gabrielle Kirby, MSW, LCSW

#### Cancer Committee Members

American Cancer Society
Clinical Trials

Diagnostic Radiology Stephen L General Surgery Jeffrey Ba

Genetics Pe

OSF Healing Pathways Medical Oncology

Nutrition Services Oncology Nurse

Palliative Care
Pathology
Patient Navigation
Pharmacy
Radiation Oncology
Rehabilitation Services

Women's Center

Ashley Lach

Shylendra Sreenivasappa, MD

Stephen Lehnert, MD

Jeffrey Barteau, MD

Peggy Rogers, MSN, FNP-BC, AOCNP Amy Mullen

Mete Korkmaz, MD

Richard Nora, MD, MBA

Ismael Shaukat, MD

Jodi Witte, RD, LDN, CSO Kim Calabro, RN, BSN, OCN

Darlynn Venne, BSN, OCN

Jean Kriz, MD Dian Feng, MD

Lisa Bruno, RN, BSN, OCN

Erich Balsman, PHARMD, BCPS

George Bryan, MD Lisa Timpe-Johnson, PT Allison Gleason, R.T. (R) (M) For more information about cancer services and programs, or to refer a patient to the Patricia D. Pepe Center for Cancer Care at OSF HealthCare Saint Anthony Medical Center, call (815) 227-2273 or visit osfsaintanthony.org

#### References

- AJCC Cancer Staging Handbook, Seventh Edition, American Joint Commission on Cancer; 2009.
- American College of Surgeons National Cancer Database (NCDB) Benchmark Reports, www.facs.org/cancer/ncdb/index.html
- Cancer Facts and Figures 2016, American Cancer Society, 2016, www.cancer.org
- Cancer Facts and Figures 2017, American Cancer Society, 2017, www.cancer.org

A special thank you to the Cancer Committee members for their dedicated leadership and tireless effort.















OSF HealthCare Saint Anthony Medical Center 5666 E. State St., Rockford, Illinois osfsaintanthony.org