2017* Cancer Program Annual Report

“Through our exceptional healthcare services, we reveal the healing presence of God”

*based on 2016 data
2017 CANCER COMMITTEE MEMBERS

Dr. Shahid Waheed, MD, FACP, Medical Oncology/CCP Medical Director/Chairman
Dr. Joseph A. Corrado, MD, FACS, Surgery/Cancer Liaison Physician
Dr. Leslie Miller, MD, Pathology
Dr. George Cyriac, MD, Diagnostic Radiology
Dr. John Bechtel, MD, Radiation Oncology
Donna Jacobs, President/CEO
Kari Wilson, APRN-BC, VP Clinical Services
Dolly Giles, RN, Quality Management Manager
Cynthia Erwin, MSW, LCSW, Social Services
Lucinda Ham, RHIA, CTR, Health Information Manager
Kimberly Bull, RN, BSN, OCN, Cancer Center
Barbara Stroker, RHIT, CTR, Health Information Services
Tonya Linthacum, APRN-BC, Health & Wellness Director

GUEST ATTENDEES

Kim Menefee, MBA, Manager, Regional Cancer Centers
Jenea Smith, PT, Director, Rehabilitation Services
Angie Creed, CPC, Cancer Center

2017 CANCER PROGRAM ACTIVITY COORDINATORS

Community Outreach Coordinator   Tonya Linthacum, APRN-BC
Quality Management Activity Coordinator   Dolly Giles, RN
Cancer Conference Coordinator   Barbara Stroker, RHIT, CTR
Quality Control of Cancer Registry Data   Lucinda Ham, RHIA, CTR
Clinical Research Coordinator   Kimberly Bull, RN, BSN, OCN
Psychosocial Services Coordinator   Cynthia Erwin, MSW, LCSW
Dear Friends,

2017 has continued to be a year of compassion, commitment and exceptional care at the SSM Health Cancer Center in the J.B. and Greeta B. Arthur Medical Building. The Cancer Registry, Cancer Committee and all supporting staff have worked diligently to enhance existing programs and implement new efforts in treating our patients to the highest quality care. Our multi-disciplinary team approach allows us to serve our patients in all areas of need.

We continue to offer lymphedema and oncology rehabilitation services, social services, dietary consults, cancer screening and financial assistance programs. In addition, we provide survivorship care planning and advanced care planning to all of our patients fighting cancer. This multi-disciplinary approach continues to be a successful model in patient navigation and providing care in a medical home-based model.

Our commitment to education, outreach and prevention is being re-energized by many efforts within our communities. We have attended many community events, business health fairs and have been able to recruit new participants to our award-winning cancer screening programs.

I am certain that our hospital, cancer center and all programs involved with caring for our patients will strive to provide exceptional care over the coming year. We will continue to be advocates for our patients, their families and our communities.

Sincerely,

Shahid Waheed MD, FACP
Chairman, Cancer Committee, SSM Health Cancer Center
As the cancer liaison physician for SSM Health St. Mary’s Hospital-Audrain, it has been my pleasure to present cases at the monthly Surgical Oncology Conference. In 2016, 28 different cases were presented to those in attendance. Of the 28 cases, breast cancer, lung cancer and colon cancer were most frequently presented. I feel that our monthly conference is well attended by our local physicians, nurses and staff.

Breast cancer is more frequently diagnosed locally and nationally and is being diagnosed earlier due to the technology that we have at SSM Health St. Mary’s Hospital-Audrain. With our 3D mammography and the capability to perform ultrasound vacuum-assisted and stereotactic breast biopsies, those with the diagnosis of breast cancer are obtaining an earlier diagnosis without invasive surgery.

Without the combined efforts of many people involved, our monthly Surgical Oncology Conference would not be possible. We are very fortunate to have this conference. It has been a privilege to serve as cancer liaison physician for our hospital and I look forward to the coming years.

I want to again thank all our members involved with our cancer program at SSM Health St. Mary’s Hospital-Audrain. We have a robust program that is continuously evolving and improving to provide exceptional care for all those that we serve.

Sincerely,

Joseph A. Corrado, MD, FACS
St. Mary’s Hospital Cancer Registry was initiated in January 1997. It is a system designed for the collection, management and analysis of cancer-related data. During 2016, the cancer registry abstracted 115 primary tumors into the registry database. Follow-up information was continually added throughout the year for the patients in our registry. Currently, the registry is following 971 patients. Follow-up letters are sent to physician offices in an effort to obtain accurate treatment and outcome information. St. Mary’s Hospital has been able to maintain a follow-up rate of 90% or greater since its initiation in 1997.

Cancer data reporting is mandated by federal and Missouri state regulations. Data is submitted to the National Cancer Database monthly for Rapid Quality and Reporting (RQRS). Cancer registry staff have found the RQRS results quite helpful in the completion of abstraction in newly diagnosed cancer patients. The data can be updated monthly, therefore a complete abstract is available at the end of patient treatment. Cases are submitted to the Missouri Cancer Registry quarterly and to the Commission on Cancer National Cancer Database annually. St. Mary’s Hospital receives feedback from data submitted through the American College of Surgeons website through the Cancer Program Practice profile reports for breast, colon and rectal cancers. Deficiencies found in the data are corrected by reviewing the medical record, correcting the abstract and correcting the data in the website.

Thanks to all who help make our program successful.

Sincerely,

Lucinda Ham, RHIA, CCS, CTR
A Note from the Cancer Center Staff....

The staff at the SSM Health Cancer Center would like to thank all those who have donated time, money and gifts to help improve our patients’ experience. We are blessed with numerous volunteers who assist staff in providing exceptional service to our patients. Our Auxiliary volunteers donate their time making calls, stocking the patient food area, running blood work to the hospital and offering snacks and drinks to those under treatment in the infusion room. We are fortunate to have had our Healing Garden beautifully updated through a gracious donation by our Auxiliary as well. Many groups in our area have brought hats, blankets, scarfs and gift bags for our patients receiving treatment. To those we know by name, and those we don’t, we thank you. Thank you to all in the community who have donated money to Give Cancer the Boot and our Foundation. Your donations were spent helping our patients with gas cards, paying for medications for cancer treatments, assisting with purchasing food, and helping to pay an electric bill to keep power from being shut off.

Thank you!
Exceptional Cancer Treatment - The Numbers

The SSM Health Cancer Center at St. Mary’s Hospital-Audrain provides treatment for a multitude of oncology diagnoses. Our primary diagnoses are breast, lung and colon cancers. We utilize NCCN guidelines, board-certified physicians, ONS OCN nursing and the American College of Surgeons Commission on Cancer to continuously improve upon our exceptional care. We function in a relationship-based model, taking into account both our patients and caregivers. Our multi-disciplinary approach touches each aspect of our patients’ needs.

2016 Primary Site Cases

- Oral Cavity
- Breast
- Endocrine System
- Digestive System
- Female Genital System
- Male Genital System
- Respiratory
- Lymphoma
- Myeloma
- Soft Tissue
- Urinary System
- Leukemia
Exceptional Cancer Treatment - The Numbers

2016 Top Five Primary Site Cases

- Breast: 21
- Lung: 18
- Prostate: 14
- Colon: 11
- Non-Hodgkin Lymphoma: 8

2016 Primary Site Diagnosis by Age, Gender, Race

- Male: Blue
- Female: Orange

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<th>Age Group</th>
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<td>Other</td>
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The multidisciplinary Surgical Oncology Conference of St. Mary's Hospital-Audrain is held on the second Wednesday of each month in the Jansen East Auditorium. Lunch is provided and one physician continuing education credit is awarded for attendance. Physicians may request to present a case at the meeting by contacting the cancer liaison physician or Cancer Registry. The cancer liaison physician selects the cases for presentation in the absence of requested cases. All physicians and support staff are welcome to attend. In 2016, 28 cases were presented and all were prospective:

Wednesday, January 13, 2016  
Wednesday, February 10, 2016  
Wednesday, March 9, 2016  
Wednesday, April 13, 2016  
Wednesday, May 11, 2016  
Tuesday, June 28, 2016  
Wednesday, July 13, 2016  
Wednesday, August 10, 2016  
Wednesday, September 14, 2016  
Wednesday, October 12, 2016  
Tuesday, November 8, 2016  
Wednesday, December 14, 2016  

Breast, Lymphoma, Pelvic area  
Endometrium, Breast  
Myeloma, Lung, Breast  
Breast, Prostate, Lung FU  
Cervix, Unknown Primary, Colon  
Breast, Unknown Primary, Bladder  
Gastroesophageal junction, Rectum  
Breast, Small Intestine, Colon  
Lymphoma, Colon, Lymphoma  
Sarcoma, Colorectal  
Lung Cancer Staging presentation  
Bladder, Breast
2016 has been a very busy year for our radiation oncology department. We are using IMRT availability heavily and have been able to serve many patients who were not candidates with our previous linear accelerator, due to its limitations for care. The upgrade in 2015 was much needed and with a 120 MLC, MV imaging and IMRT; our patients needs are being met. We anticipate radiation oncology to continue to be an important asset to our comprehensive cancer services in 2017.
The Cancer Screening Program completion of the program’s 32-year results indicated participation totaling 63,662 visits since the inception of the program. This year marks 33 years of service to the community with 1,875 patients seen this year and 64 new patients. Several hundred of the participants have returned annually for the full 32 years.

Financial assistance has been a blessing for many patients with 13 patients this past year receiving funding from either the Show Me Healthy Women program, the Anna Margaret Griffin Foundation or the Susan G. Komen Foundation.

A total of 705 cancers have been detected since the start of the Cancer Screening Program in 1985. This includes breast, cervical, skin, (melanoma and non-melanoma), colorectal, and prostate cancers combined. The program has detected 183 breast cancers during the lifetime of the program.

The Cancer Screening Program is supervised by a medical director, with exams carried out by nurse practitioners. This multi-organ screening program focuses on breast, colon, skin, cervical and prostate cancer detection. One hour comprehensive screening exams for women include a detailed cancer risk assessment, head-to-toe physical exams which include a thorough examination of the skin, clinical breast exam, mammogram, pelvic and Pap test. In addition, a site-specific examination of the abdomen, thyroid, peripheral lymph nodes and rectum is conducted.

For men, the cancer screening examination includes a site specific physical examination of the skin, abdomen, peripheral lymph nodes, thyroid, external genitalia, digital rectal exam of the prostate and PSA blood test. For all tobacco users, the screening includes an examination of the mouth.
COMPREHENSIVE CANCER SCREENING SERVICES (continued)

The latest addition to our Cancer Screening Program is Low Dose Lung Cancer Screening. This program has served over 70 patients since its inception in December 2016. While this service line is in its infancy, we are working to conduct benchmarking efforts to include lung cancers diagnosed in correlation to stages of the disease. We have great expectations that this service will lead to earlier diagnoses/lesser stages, which will lead to greater success of curative efforts and our patients overall survival rates.

Extensive education is provided to all participants on cancer prevention modalities, current screening guidelines, and new research findings. All detected abnormalities are referred to the patient’s primary care physician for follow up. A follow-up phone call to the patient, as well as letter to the primary care provider is made four to six weeks after the initial exam in order to obtain the results of the referral visit.

Community outreach remains a strong part of the cancer screening services mission. Participation in health fairs and hosting cancer awareness workshops are avenues we routinely do for community awareness of cancer prevention tools. The Comprehensive Cancer Screening Program has been published numerous times at ASCO and the International Cancer Congress with tracking data from the screening program.

Massage therapy services continue to be offered in day and evening hours. Genetic testing and counseling for high risk individuals for breast, colon, and melanoma are offered through the cancer screening services as well.

Sincerely,

Tonya Linthacum APRN, BC, FNP
Clinical Coordinator, Health and Wellness Services
ANCILLARY SERVICES

At St. Mary’s Hospital-Audrain, our mission is to reveal the healing presence of God through our exceptional health care services.

Social Services: The Social Services Department provides: social assessment, counseling, discharge planning, financial planning, coordination with community service providers and resources, and emotional support. Patients are provided with education regarding specific types of cancer, treatment of cancer, support groups, and coping methods.

Pastoral Care: St. Mary’s Hospital-Audrain employs a chaplain who is available to any patient who desires spiritual assistance. The nurses or the hospital operator can make arrangements for patients to meet with the volunteer chaplain or clergy of their choice. The A.P. Green and St. Francis Chapels are available for prayer and meditation 24 hours per day.

Rehabilitation Services: Rehabilitation is a group of medically prescribed inpatient and outpatient services that include physical therapy, occupational therapy, speech pathology, diagnostic audiology, cardiac rehabilitation, oncology rehab, lymphedema program and a women’s health pelvic floor disorder program for urinary incontinence, urgency, pelvic floor weakness and pelvic pain.

Nutritional Services: The Food Service Department provides food and nutrition services of the highest value based upon the most current knowledge available. Each admitted patient’s initial assessment is conducted within 24 hours of admission as an inpatient.

Radiology Services: A variety of diagnostic imaging tools are on site for the diagnosis and follow-up of our cancer patients. These include nuclear medicine, computed tomography (CAT scans), PET/CT scanner, magnetic resonance imaging, ultrasonography, fluoroscopy and breast MRI. The hospital successfully upgraded from digital mammography to 3D mammography in 2017. This technology offers the best in diagnostic imaging, allowing our Radiologists and staff to detect breast cancer at earlier stages.

Community Education, Support Groups and Other Services: St. Mary’s Hospital-Audrain sponsors a wide range of support groups and resource programs that are free and open to the public including: Cancer Support Group, Caregiver Support Group, Grief Support Group, Genetic Counseling, Look Good Feel Better Program, Reach to Recovery Program, American Cancer Society Community Outreach Center, Anna Margaret Griffin Cancer Screening Grant Assistance, monthly evening educational programs, Speaker’s Bureau, Mid-Missouri Regional Cancer Conference, Women’s Health Conference.
REFERENCES

1) American Cancer Society, Inc. at www.cancer.org/

2) National Cancer Data Base, American College of Surgeons at www.facs.org/