Each year, OhioHealth shares a report with our physician partners and the community highlighting the work we do to meet or exceed standards for cancer care set by the American College of Surgeons Commission on Cancer (CoC).

This report exemplifies our efforts in 2018 (July 1, 2017 to June 30, 2018) to continuously improve the quality of care across our health system and details what we’re doing to detect cancer at its earliest stages.
At OhioHealth, we believe excellent care provided close to home supports better cancer outcomes and a more positive experience for our patients, their families and caregivers. We serve 33 Ohio counties and communities as far north as Mansfield and as far south as Athens.

We are a certified member of MD Anderson Cancer Network®, a program of MD Anderson Cancer Center, a world-renowned leader in cancer care. MD Anderson is one of the nation’s original comprehensive cancer centers designated by the National Cancer Institute to help pioneer guidelines that set the standard of cancer care today. The relationship between OhioHealth and MD Anderson Cancer Network® is a collaboration that involves the best of what we provide locally with the additional expertise of the nation’s leading cancer center to better serve our patients.
How do our patients benefit from this relationship?

+ OhioHealth oncology specialists are certified MD Anderson Cancer Network® physicians. This means they have successfully completed a rigorous certification process that’s based on an evaluation of best practices they use and oncology standards they follow in providing care to patients, in-depth review of their medical records and site assessment at facilities where they practice.

+ Our certified cancer physicians can participate in peer-to-peer consultations with MD Anderson specialists to discuss a comprehensive treatment plan that’s specifically designed for an individual’s diagnosis. They can also present cases and obtain treatment advice at weekly multidisciplinary treatment conferences.

+ In some cases, we arrange for patients to receive consultation and treatment at MD Anderson Cancer Center in Houston.

+ Care provided by OhioHealth cancer specialists is reviewed by the MD Anderson Physicians Network® on an ongoing basis, making sure that we are providing care that’s based on nationally recognized standards.

Eight OhioHealth hospitals and 80 of our affiliated oncology physicians are certified by the MD Anderson Cancer Network®. Our certified facilities include:

+ OhioHealth Riverside Methodist Hospital
+ OhioHealth Grant Medical Center
+ OhioHealth Doctors Hospital
+ OhioHealth Dublin Methodist Hospital
+ OhioHealth Grady Memorial Hospital
+ OhioHealth Marion General Hospital
+ OhioHealth Mansfield Hospital
+ OhioHealth O’Bleness Hospital (effective October 2018)
OhioHealth actively participates in regional, national and international research networks. Our comprehensive cancer research program offers the newest treatments and therapies, putting us at the forefront of cancer care. Benefits may include better management of a patient's symptoms, improved quality of life, cancer prevention and improved survival. Each patient is assigned a clinical trials team member to guide them through treatment.

Patients can find more information about clinical trials at OhioHealth.com by visiting the OhioHealth Cancer Care and the OhioHealth Research Institute. National websites, such as ClinicalTrials.gov, also provide general information about cancer-related clinical research studies and study-specific clinical research information.
Clinical Education

OhioHealth hosts continuing medical education (CME) events throughout the year at the system and care-site level to advance physician and clinician knowledge, competency and performance. We also welcome medical students, residents, nurses and nurse practitioners, and other healthcare professionals from OhioHealth and throughout the state to foster multidisciplinary collaboration. The OhioHealth Cancer Conference and Breast Health Symposium are two of our premier annual CME events that focus on specific topics related to cancer care.

2018 OhioHealth Cancer Conference

Three cancer specialists from MD Anderson Cancer Center and the American Society of Clinical Oncology (ASCO) joined OhioHealth physicians in presenting in-depth reviews on lung cancer, palliative care, cancer screening and guidelines. Held September 9, 2018, the CME event attracted 150 local physicians and clinicians — the largest attendance yet for this annual event.

2018 Breast Health Symposium

Cancer specialists from MD Anderson Cancer and OhioHealth were the keynote speakers for the 2018 Breast Health Symposium, which focused on the topics:

- TAILORx
- Molecular testing — oncotype for radiation
- New staging guidelines for breast cancer
- Oncology physical therapy

The CME event was held November 1, 2018 and attracted 60 physicians, residents and nurses.

MD Anderson Multidisciplinary Planning Conference

The MD Anderson Multidisciplinary Planning Conference is a weekly hour-long tumor board, where certified OhioHealth physicians have the opportunity to present their cases to a panel of MD Anderson faculty consultants (radiation oncologist, surgeon and medical oncologist) for a full multidisciplinary review. The conferences are disease-specific and rotate among the following cancer types: breast, GI (gastrointestinal, including colorectal, gastric, liver and pancreas), GU (genitourinary, including bladder, kidney, prostate and testicular), head and neck, thoracic and esophageal, and leukemia, lymphoma and myeloma. CME and continuing nursing education (CNE) credit is offered for each regularly scheduled conference.

MD Anderson Speakers Bureau Educational Video Conference Series

At least four times a year, MD Anderson offers a Speakers Bureau in place of its regularly scheduled Multidisciplinary Planning Conferences to address new metrics and guidelines, breakthrough research, issues that arise at community sites, and recurring questions from our certified members. Time is left at the end of each session for questions. All speakers are experts in their field, and while most are MD Anderson physicians, some are physicians from other institutions. The series is recorded and available for future reference. CME and CNE credit are offered for most Speakers Bureaus.

MD Anderson Nursing Educational Video Conference Series

The MD Anderson Nursing Educational Video Conference Series is designed specifically for oncology nurses and available throughout the year to address issues and trends affecting oncology nurses and their patients. The hour-long presentations are live, with time at the end for questions. The series is recorded and available for future reference. CNE credit is offered for those who attend the event in person.
Breast Survivorship Clinics
Transitioning from active treatment to survivorship is a significant journey for our patients and their families. Our new Breast Survivorship Clinic at OhioHealth Riverside Methodist Hospital and OhioHealth Grant Medical Center is designed to give patients the best possible quality of life after cancer treatment.

This program, which continues to grow and is open to patients wherever they receive treatment at OhioHealth, focuses on education, symptom management, cancer prevention and wellness, with the goal of identifying issues and concerns related to the physical, emotional and social effects of cancer treatment. Patients are connected with experts in cancer survivorship to discuss the following:

- Cancer screening recommendations.
- How to manage late- and long-term side effects of cancer treatment.
- Healthy behaviors.
- The role of genetic counseling in cancer survivorship.

Multidisciplinary Prostate Cancer Clinic
Patients visiting our Multidisciplinary Prostate Cancer Clinic at OhioHealth Doctors Hospital meet with a team of experienced prostate cancer specialists during one consultation appointment that’s individualized to the patient’s specific needs and diagnosis. Our team explains the various treatment options available to patients, giving them information they need to confidently move forward with the treatment plan that’s right for them.

Survivorship Care Plans
OhioHealth recognizes the importance of supporting patients during and after cancer treatment. Our individualized survivorship care plans, an important component of follow up cancer care, are reviewed and provided to our patients by our oncology nurse navigators once they have completed treatment. This year over 1,400 patients and their primary care physicians received a survivorship care plan that included:

- Details of cancer diagnosis
- Names and contact information of providers
- Treatments administered
- Potential late and long-term side effects
- Specific recommendations for follow-up care
- Health promotion strategies
Survivorship Lecture Series

Cancer survivors who participated in focus groups have told us that among 16 topics, they considered the following issues most important during their transition from active treatment to survivorship:

+ Cancer prevention
+ Nutrition
+ Exercise and wellness
+ Finding their new normal
+ Connecting with others who’ve gone through the experience
+ Cancer screening and prevention
+ Symptom management

To address these needs, we established the OhioHealth Cancer Care Survivorship Lecture Series. Available at OhioHealth locations in central Ohio and the surrounding regions, the series is designed to educate, inform, connect and inspire patients and their caregivers. OhioHealth physicians and subject matter experts serve as presenters, and a panel of experts answers patient questions. In fiscal year 2018, OhioHealth hosted seven lectures at Riverside Methodist, Grant, Doctors Hospital, OhioHealth Dublin Methodist Hospital, OhioHealth Delaware Health Center, OhioHealth Marion General Hospital and OhioHealth Mansfield Hospital. The response has been overwhelmingly positive, based on a survey of 450 attendees, and we continue to offer the lecture series on a regular basis.

New Survivorship Wellness Programs

CANCER WALK/RUN CLUB — The Cancer Walk/Run Club is for anyone who is newly diagnosed, currently in cancer treatment or has completed cancer treatment. Patients participate in a training program for a 5K walk or run, with all levels of walkers and runners welcome. Throughout training, patients can participate in live group workouts with OhioHealth exercise physiologists and oncology physical therapists, as well as other club members. Participants also have access to other health and wellness opportunities, including educational presentations from expert physicians. Weekly emails provide additional support.

WEIGHT MANAGEMENT PROGRAM FOR CANCER SURVIVORS — Diet and physical activity play an important role in cancer survivorship. Being overweight can negatively affect quality of life and increase the risk for recurrence in cancer survivors. Cancer survivors in this program are encouraged to participate in moderate regular physical activity to improve their emotional and physical well-being.

The Weight Management program is led by a team that includes an oncology dietitian, exercise physiologist, oncology clinical nurse specialist and behavioral health specialist, giving patients the tools they need to help manage their weight. The program is available at the OhioHealth Arthur G.H. Bing, MD, Cancer Center at Riverside Methodist.
New Radiation Oncology Electronic health record

OhioHealth implemented a new Varian™ electronic health record in FY 2018 that allows our cancer team to easily access a patient’s radiation oncology treatment information from any OhioHealth location. A $5 million investment, the new record will improve both the physician and patient experience by creating greater visibility into the care we deliver, specifically:

+ Referring and other attending physicians will now have the ability to view more of the clinical documentation for their patients undergoing radiation oncology treatment.
+ Patients will be able to see their radiation oncology appointment information in their OhioHealth MyChart.
+ Electronic health record is now fully integrated with OhioHealth care sites
OhioHealth Hospitals

As members of MD Anderson Cancer Network®, OhioHealth hospitals and their affiliated physicians follow all nationally recognized cancer care protocols and best practices for the screening, diagnosis and treatment of patients with cancer.

Important to the OhioHealth mission, which is to improve the health of those we serve, is ensuring the patient care and experience we provide is as consistent as possible across our health system. For this reason, you may see repetitive information about our services throughout this document.
OhioHealth Doctors Hospital

Lung cancer mortality rates are higher in Franklin County than the average for the United States, and breast cancer continues to be the most common cancer treated at Doctors Hospital. To reduce these trends and the likelihood of deaths associated with late-stage cancer findings, Doctors Hospital offers programs and events that promote prevention, screening and early detection of these and other cancers in the community we serve.

STANDARD 4.1
Prevention

HPV Vaccine
According to the Centers for Disease Control and Prevention (CDC), the human papillomavirus (HPV) can cause such cancers as cervix, anal and some head and neck cancers. The HPV vaccine can serve as a long-term defense against these cancers. To raise awareness, gynecologic surgeon Kellie Rath, MD, provided HPV vaccine guidelines and education in FY 2018 to hospital staff, patients and visitors at Doctors Hospital.

Tobacco Cessation
According to the American Lung Association, tobacco use is the leading cause of preventable deaths in the United States. Doctors Hospital offers the OhioHealth Tobacco Cessation program, a free six-week course led by certified tobacco-treatment specialists to help patients quit smoking. The program is designed to treat chemical and behavioral addiction to nicotine, and provides patients with a strong support system.

In FY 2018, Doctors Hospital offered four tobacco cessation courses. A total 34 people enrolled, and of these, 11 attended at least one class, seven completed the six-week course, five reduced their tobacco intake, and two quit tobacco. Doctors Hospital contacted inpatients who were current tobacco users by phone to raise awareness about the program, increasing enrollment. Those who were unable to attend classes were referred to the Ohio Tobacco Quit Line for virtual support.
Reaccredited by the ACOS Commission on Cancer with commendation in Clinical Research Accruals, Cancer Registrar Education, Public Reporting of Outcomes, and Accuracy of Data Submission.

Held the 34th annual Cancer Day CME event, which updates regional primary care physicians, nurses and allied health professionals on evidence-based information and nationally recognized guidelines, and raises awareness of screening, prevention and treatment options close to home. Revenue from the event funds patient assistance, such as transportation, gas, medication assistance and food.

Held the first Women’s Prevention and Wellness event to raise awareness about Women’s Health services at Doctors Hospital and local community partners, including cancer prevention and detection. Doctors Hospital also provided mammograms, breast education, HPV vaccines and education, blood pressure readings, lung age breathing tests, hepatitis C testing, wellness exercise classes and tips, and nutrition education.

Celebrated Brendan Hurst, LISW, outpatient oncology social worker, who received the Hero of Hope Award during the American Cancer Society’s local Relay for Life.

Implemented a new Varian™ electronic health record that allows our cancer team to easily access patients’ radiation oncology treatment information and patients to view their radiation oncology appointments on their OhioHealth MyChart.

**2018 Highlights**

**Lung Cancer**
Doctors Hospital is addressing lung cancer in our community by offering the OhioHealth Lung Cancer Screening Program, a multidisciplinary approach to screening for patients who are at higher risk for developing lung cancer. In FY 2018, 398 people were screened for lung cancer using low-dose chest CT scan technology. Of those, 279 were initial screenings and 119 were follow-up annual screenings. Of those screened, seven lung cancers were diagnosed, four of which were Stage I. Every patient screened is referred for tobacco cessation counseling.

**Breast Cancer**
In FY 2018, the hospital performed 6,048 screening mammograms, and of those, 652 patients were recommended for additional imaging, 264 patients were biopsied, and 66 patients were diagnosed with breast cancer.

**Colorectal Cancer**
According to the American Cancer Society, colorectal cancer is the second-leading cause of cancer death in the United States. Colonoscopies can reduce deaths from cancer through early detection and removal of any precancerous adenomas. In FY 2018, Doctors Hospital performed 1,128 screening colonoscopies. Of these, seven patients were diagnosed with rectal cancer and 16 with colon cancer. The hospital’s adenoma detection rate (ADR) was 57 percent, which exceeds the standard set by the American Society for Gastrointestinal Endoscopy for adequate colonoscopy quality. ADR is defined as the proportion of screening colonoscopies that detect at least one adenoma, also known as a polyp. Doctors Hospital’s ADR is within the expected range of 25 percent to 40 percent, which is based on several studies showing the prevalence of adenomas in asymptomatic adults. Gender-specific prevalence findings showed a 25 percent ADR for men over age 50 and 15 percent for women in the same age group.
OhioHealth Dublin Methodist Hospital

According to the Ohio Department of Health, breast cancer was the No. 1 cancer diagnosis in Franklin County at 15.2 percent and number-three in mortality at 8 percent. To reduce this trend and the likelihood of deaths associated with late-stage cancer findings, OhioHealth Dublin Methodist Hospital offers programs and events that promote prevention, screening and early detection of this and other cancers in the community we serve.

STANDARD 4.1 | Outcomes

Prevention

Tobacco Cessation

According to the American Cancer Society, tobacco use results in higher absenteeism, higher disability costs, higher injury rates and lower productivity. Smokers lose more time to illness and have higher rates of hospitalization and longer hospital stays, decreasing their overall quality of life. Tobacco use is the No. 1 preventable cause of death, according to the Breathing Association, the leading resource for promoting lung health and preventing lung disease.

OhioHealth Dublin Methodist Hospital offers the OhioHealth Tobacco Cessation program, a free six-week course led by certified tobacco-treatment specialists to help patients quit smoking. The program is designed to treat chemical and behavioral addiction to nicotine, and provides patients with a strong support system. Classes are held quarterly.

In FY 2018, 22 people started the program. Of these, 14 completed the program, nine successfully quit at the four-week check, and six successfully quit at the six-month check. We measure success of the program through follow-up calls. Participants’ comments were extremely positive, identifying the carbon monoxide reading as the most helpful tool offered through the program and recommending continuing education about the program for primary care physicians, inpatient units and the community at large. To that end, Dublin Methodist calls on its associates to set a good example for the community with regard to tobacco use. The hospital also raises awareness through flyers and brochures distributed to primary care physicians and surgeons, and through local media.
STANDARD 4.2 | Outcomes

Screening

Breast Cancer

In October 2017, Dublin Methodist hosted a breast cancer screening event in the hospital lobby, where a surgical oncologist and nurse navigator answered clinical questions while attendees were scheduled for screening mammograms. Educational materials about breast cancer and genetic counseling were also provided. Of those people who attended, 37 were registered for screening mammograms, and 30 additional were counseled and given educational materials.

2018 Highlights

+ Accrued 961 patients to three different urologic cancer surgery clinical trials.
+ Hosted the 2017 Global MD Live Robotic Surgery Symposium, where Ronney Abaza, MD, performed two surgical cases — a partial nephrectomy and a radical prostatectomy — that were broadcast live to more than 800 attendees in 47 different countries.
+ Hosted the 2017 Multidisciplinary Robotic Surgery CME event, which focused on advancements in robotic techniques used in urologic, gynecologic, uro-gynecologic, colorectal and thoracic surgeries.
+ Implemented a new Varian™ electronic health record that allows our cancer team to easily access patients’ radiation oncology treatment information and patients to view their radiation oncology appointments on their OhioHealth MyChart.
The 2017 Delaware County Cancer Report prepared by the Ohio Department of Health lists breast cancer as the No. 1 most prominent cancer among Delaware County residents at 16 percent and third-most-common in mortality at 7.2 percent. The same report lists lung cancer as the third-most-prominent cancer at 11.8 percent and No. 1 in mortality at 28 percent. Colon cancer was listed as the fourth-most-prominent cancer among Delaware County residents at 7.9 percent and second in mortality at 8.8 percent, while melanoma of the skin ranked as the fifth-most-prominent cancer among Delaware residents at 6.3 percent of all diagnoses. To reduce these trends and the likelihood of deaths associated with late-stage cancer findings, Grady Memorial offers programs and events that promote prevention, screening and early detection in the community we serve.

In FY 2018, 34 people started the program. Of these, 25 completed the program, 23 successfully quit at the four-week check, and eight successfully quit at the six-month check. We measure success of the program through follow-up calls. Participants’ comments were extremely positive, identifying the carbon monoxide reading as the most helpful tool offered through the program, and recommending continuing education about the program for primary care physicians, inpatient units and the community at large. To that end, Grady Memorial calls on its associates to set a good example for the community with regard to tobacco use. The hospital also raises awareness through flyers and brochures distributed to primary care physicians and surgeons, and through local media.

Skin Cancer

In September 2018, Grady Memorial held a skin-cancer screening event at the Delaware County Fair, where staff used age progression software and a large TV monitor to show visitors what their skin will look like up to age 72 because of sun exposure. They also got to see the difference in their appearance if they wore sunscreen or not, and if they smoked or not. Staff handed out information on skin cancer screening opportunities and self-exams. A total of 61 visitors participated in the event, and in a survey, 56 (92 percent) indicated that they were more likely to wear sunscreen, and five said they already consistently wore sunscreen.
Screening

Breast Cancer

In FY 2018, Grady Memorial held registration events for breast cancer screening during Breast Cancer Awareness Month at the hospital, OhioHealth Delaware Health Center, and the SourcePoint community center’s Health and Wellness Expo. The events were staffed by a nurse navigator, who answered clinical questions while attendees were scheduled for screening mammograms. Educational materials about breast cancer and genetic counseling were also provided. Results were as follows:

+ **GRADY MEMORIAL**: 43 patients were educated and 25 were registered for screening mammograms.
+ **DELAWARE HEALTH CENTER**: 32 patients were educated and 19 were registered for screening mammograms.
+ **SOURCEPOINT**: 30 patients were educated and nine patients were registered for screening mammograms.

In addition to these community events, Grady Memorial provided 4,143 mammograms through October 5, 2017. Of these, 3,427 were screening mammograms and 664 were diagnostic mammograms. The hospital’s overall cancer detection rate was 14.7 percent (7.2 percent screening and 54.2 percent diagnostic) per 1,000 patients screened.

Colorectal Cancer

In March 2018, Grady Memorial held events at the hospital and SourcePoint community center in conjunction with Colon Cancer Awareness Month. Nurses and administrative staff were available to answer clinical questions while attendees were registered for screening appointments. At the SourcePoint event, Grady Memorial displayed an inflatable colon people could walk through to teach them the differences between a healthy and unhealthy colon and underscore the importance of screening. Educational materials about colon cancer and genetic counseling were also provided. Results were as follows:

+ **GRADY MEMORIAL**: 32 patients were educated on risk factors, detection and prevention, and four patients were scheduled for colonoscopies.
+ **SOURCEPOINT**: 25 patients were educated on risk factors, detection and prevention, and three patients were scheduled for colonoscopies.

2018 Highlights

+ Introduced a Massage Therapy Clinic at the Delaware Health Center made possible through the OhioHealth Foundation. The 60-minute massages are free to current cancer patients or those who have received cancer treatment in the last 12 months.
+ Introduced inpatient Palliative Care services to increase patient and caregiver satisfaction and reduce the cost of care.
+ Hosted the Cancer Survivorship Lecture Series at the Delaware Health Center to help patients find their new normal after a cancer diagnosis.
+ Implemented a new Varian™ electronic health record that allows our cancer team to easily access patients’ radiation oncology treatment information and patients to view their radiation oncology appointments on their OhioHealth MyChart.
OhioHealth Grant Medical Center

The majority of patients treated by Grant, including two regional sites we manage — the OhioHealth Pickerington Medical Campus and OhioHealth Westerville Medical Campus — come from Athens, Delaware, Fairfield, Franklin and Hardin counties. Our community has a high incidence of cancer, and the top five cancer diagnoses we treat at these three locations are breast, lung, colon, kidney and uterine. Men have a higher incidence of cancer than women. Blacks and African Americans have a higher incidence of kidney and renal pelvis, lung and bronchus, pancreas, prostate and stomach, while whites have a higher incidence of bladder, esophageal, melanoma, skin and testicular. Additionally, people in Franklin County have increased risk factors for cancer, such as obesity, tobacco and alcohol use, low vaccine rates, poverty and lower than national cancer screening rates.

To lessen these trends and address the needs of the community we serve, Grant and the Pickerington and Westerville medical campuses make cancer screening and early detection easily accessible, offering programs to promote early detection for lung, breast, colon, skin and cervical cancers. Grant also offers a ConvenientCare Mammography Shuttle Service, a mobile wellness clinic where people have access to HPV vaccines and a walk-in clinic staffed by primary care physicians and cancer specialists.

STANDARD 4.1 | Outcomes

Prevention

HPV Vaccine

While human papillomavirus (HPV) is associated with six or more types of cancer, the HPV vaccine has been very successful in preventing cancer. This year, 1,525 patients received the HPV vaccine at primary care offices affiliated with Grant. We also send phone, email and OhioHealth MyChart reminders to those who received their first dose of the vaccine to schedule their subsequent dosing.

Tobacco Cessation

Grant and the Pickerington and Westerville medical campuses offer the OhioHealth Tobacco Cessation program, a free six-week course led by certified tobacco-treatment specialists to help patients quit smoking. The program is designed to treat chemical and behavioral addiction to nicotine, and provides patients with a strong support system.

In FY 2018, Grant expanded access to tobacco cessation courses with the certification of additional tobacco treatment specialists, and offered three courses. A total of 10 people enrolled in the program, and of these, none completed the six-week course. Because of our limited success with completion rates, we’re now offering more classes at different times in FY 2019. We also provided one-on-one tobacco cessation counseling to 287 patients. It’s not uncommon for tobacco users to attempt quitting several times throughout their journey, and because of this, OhioHealth offers tobacco cessation courses free to return participants and links them to additional resources.
Screening

Cervical Cancer

Pap smears are used to screen for cervical cancer, HPV and other conditions. Once a patient has an initial Pap smear, her primary care physician determines whether she needs further testing: HPV testing, a colposcopy (biopsy) or a repeat Pap in three to six months. Patients are notified of their results no later than one week after their primary care physician is informed.

In FY 2018, Grant physicians performed 2,197 Pap smears and 109 colposcopies, with one diagnosis of cervical cancer. The hospital also conducted 159 Pap smears, referring patients with abnormal results to our OB-GYN or GYN-ONC clinics at Grant.

Lung Cancer

Grant is addressing lung cancer in our community by offering the OhioHealth Lung Cancer Screening Program, a multidisciplinary approach to screening for patients who are at higher risk for developing lung cancer. In FY 2018, 712 patients were screened for lung cancer at Grant and the Pickerington and Westerville medical campuses using low-dose chest CT scan technology. Of those, 491 were initial screenings and 221 were annual follow-up screenings. Of those screened, 80 required additional diagnostic workup and seven lung cancers were diagnosed. Every patient screened is referred for tobacco cessation counseling.

FY18 LUNG SCREENING VOLUMES

LUNG SCREENING PROGRAM OUTCOMES
Breast Cancer

- At Grant in FY 2018, 4,128 patients received screening mammograms and 1,196 patients received diagnostic mammograms. Of those, 125 patients were biopsied. Grant’s breast cancer detection rate was 11.5 percent.

- At the Pickerington Medical Campus in FY 2018, 3,939 patients received screening mammograms and 915 patients received diagnostic mammograms. The Pickerington Medical Campus’ breast cancer detection rate was 4.6 percent.

- At the Westerville Medical Campus in FY 2018, 13,844 patients received screening mammograms and 2,054 patients received diagnostic mammograms. The Westerville Medical Campus’ breast cancer detection rate was 3.9 percent.

- In FY 2018, 539 patients working downtown received screening mammograms through our ConvenientCare Mammography Shuttle Service. Of those screened, 37 patients required additional diagnostic workup, resulting in three benign breast condition diagnoses, and one Stage 0 breast cancer diagnosis.

Skin Cancer

- Among Ohio males, the age-adjusted cancer incidence rate for melanoma of the skin increased 33 percent from 2006. In May 2018, we provided skin cancer prevention and risk reduction education to 2,000 emergency medical services (EMS) workers and firefighters at the OhioHealth EMS Conference at the Columbus Convention Center. At the event, 30 attendees received full-body screenings, and of these, 15 were referred for follow-up. We provided resources for follow-up to all participants, and at three months, we checked up on individuals we referred. Because of this event, skin screening is now part of the annual screening for this high-risk population.
Colorectal Cancer

Colonoscopies not only screen for colorectal cancer, but also prevent colorectal cancer by identifying precancerous conditions. In FY 2018, Grant performed 890 screening colonoscopies and 1,083 diagnostic colonoscopies, with an adenoma detection rate (ADR) of 36 percent, which exceeds the standard set by the American Society for Gastrointestinal Endoscopy for adequate colonoscopy quality. ADR is defined as the proportion of screening colonoscopies that detect at least one adenoma, also known as a polyp. Grant’s ADR is within the expected range of 25 percent to 40 percent, which is based on several studies showing the prevalence of adenomas in asymptomatic adults. Gender-specific prevalence findings showed a 25 percent ADR for men over age 50 and 15 percent for women in the same age group.

2018 Highlights

+ Began construction to combine oncology services under one roof in the William W. Wilkins Professional Building at Grant. Plans include expansion of the infusion center, laboratory and patient library, and the creation of one suite where medical oncology, pharmacy and infusion can work closely together to serve our patients. The center will also include onsite PET/CT technology.
+ Enhanced our high-dose radiotherapy program, prone breast program and stereotactic body radiation therapy with new services.
+ Implemented a new Varian™ electronic health record that allows our cancer team to easily access patients’ radiation oncology treatment information and patients to view their radiation oncology appointments on their OhioHealth MyChart.
+ Received a $25,000 grant from the Prevent Cancer Foundation through the OhioHealth Foundation for the initiative, “Reaching Women: Human Papillomavirus (HPV) Vaccination of High-Risk Women in Central Ohio.”
+ Celebrated MD Anderson certification of Vincent Daniel, MD, Bruce Kerner, MD, and Peter Lee, MD, bringing our total to eight certified physicians.
+ Welcomed new palliative medicine physicians.
+ Celebrated Brendan Hurst, LISW-S, LCSW, who received the 2018 Hero of Hope Award at the American Cancer Society’s local Relay for Life.
OhioHealth Mansfield Hospital

Melanoma of the skin, breast cancer and lung cancer are among the top five cancers in Richland County, according to the Ohio Department of Health Richland County Cancer Profile, with lung disease being the third-leading cause of death. Lung cancer is the No. 1 cancer at Mansfield Hospital, as identified by the cancer registry for 2017 analytic cases, surpassing breast for the first time in several years. In addition, 16 percent of adults in Richland County are current smokers, and of these, 54 percent rated their health as “poor.” The Ohio Department of Health also identified a higher than average incidence rate of melanoma in the region, at 23 to 25.8 cases per 100,000 people. Richland County had a higher proportion (16 percent) of late-stage melanoma, compared to Ohio (8.8 percent) and the United States (7 percent). To reduce these trends and the likelihood of deaths associated with late-stage cancer findings, Mansfield Hospital offers programs and events that promote prevention, screening and early detection of these cancers in the community we serve.

STANDARD 4.1 | Outcomes

Prevention

Tobacco Cessation

Mansfield Hospital offers the OhioHealth Tobacco Cessation program, a free six-week course led by certified tobacco-treatment specialists to help patients quit smoking. The program is designed to treat chemical and behavioral addiction to nicotine, and provides patients with a strong support system. Classes are held quarterly.

In FY 2018, 26 people enrolled in the program. Of these, 23 quit smoking. Mansfield Hospital is also partnering with the local chapter of the American Cancer Society to develop a tobacco prevention program for middle schools in Richland County.
STANDARD 4.2 | Outcomes

Screening

Lung Cancer

Mansfield Hospital is addressing lung cancer in our community by offering the OhioHealth Lung Cancer Screening program, a multidisciplinary approach to screening for patients who are at higher risk for developing lung cancer. In FY 2018, 264 patients were screened for lung cancer at Mansfield Hospital using low-dose chest CT scan technology. Of those screened, 166 were initial screenings and 98 were follow-up annual screenings. 35 people were referred for follow-up and three lung cancers were diagnosed. Every patient screened is referred for tobacco cessation counseling.

Breast Cancer

In FY 2018, a total of 5,234 screening mammograms were performed at Mansfield Hospital. Of those screened, 465 were referred for additional testing, and of these, 92 cancers were diagnosed. OhioHealth Mobile Mammography was expanded to Richland County and to raise awareness, Mansfield Hospital and nearby OhioHealth Shelby Hospital hosted informational sessions in their cafeterias. Mansfield Hospital and Shelby Hospital also scheduled 113 women for screening mammograms at the local Minority Health Fair and cafeteria event. Of those scheduled, all 113 women received a screening mammogram and 21 were referred for additional testing. No breast cancers were diagnosed.

Skin Cancer

In May 2018, Mansfield Hospital held its annual free skin-cancer screening event, where a local dermatologist screened 65 people for skin cancer. Of those screened, 5 percent were diagnosed with basal cell carcinoma, 21 percent were recommended for biopsy, and 49 percent were referred for follow-up. Of those asked the question, “Would you have received your skin screening if there were not a free skin screening,” 85 percent said they would not have had the screening.

2018 Highlights

+ Expanded breast health services to accommodate increased volume with a new mammography machine.
+ Welcomed breast radiologist Ava Powell, DO.
+ Welcomed surgeon Donnamarie Packer, MD, who joined OhioHealth Surgical Specialists at Mansfield Hospital.
+ Welcomed new social worker Peggy Reeves, LISW-S, to support infusion and palliative care patients.
+ Celebrated Katherine Exten, MD, who completed all requirements to become an MD Anderson Cancer Network certified physician.
+ Held the 31st Annual Cancer Survivor Day in Mansfield, attended by more than 800 people from the community. Surgeon Donnamarie Packer, MD, was the featured speaker.
+ Implemented a new Varian™ electronic health record that allows our cancer team to easily access patients’ radiation oncology treatment information and patients to view their radiation oncology appointments on their OhioHealth MyChart.
OhioHealth Marion General Hospital

Lung cancer, followed by breast cancer, are the two top cancers diagnosed in Marion County. According to the Ohio Department of Health, Marion County is in the top 25 percent for late-stage diagnosis of lung cancer and incidence of melanoma of the skin. To reduce these trends and the likelihood of deaths associated with late-stage cancer findings, Marion General offers programs and events that promote prevention, screening and early detection of these cancers in the community we serve.

STANDARD 4.1 | Outcomes
Prevention

Tobacco Cessation
An estimated 22 percent of Marion County residents are active tobacco users. Marion General offers the OhioHealth Tobacco Cessation program, a free six-week course led by certified tobacco-treatment specialists to help patients quit smoking. The program is designed to treat chemical and behavioral addiction to nicotine, and provides patients with a strong support system.

In FY 2018, Marion General Hospital offered six tobacco cessation courses. A total 18 people enrolled in the program — 12 from Marion County, one from Crawford County, four from Morrow County and one from Delaware County. Of these, seven (39 percent) quit smoking. It’s not uncommon for tobacco users to attempt quitting several times throughout their journey, and because of this, OhioHealth offers tobacco cessation courses free to return participants and links them to additional resources. Marion General raised awareness about the tobacco cessation program through automated phone calls, flyers and brochures placed in physician offices, discussions during inpatient smoking cessation counseling, and local media.

Breast Cancer
In October 2017, Jeanne Ashworth, MD, gave a presentation on breast cancer to members of the local Kiwanis Chapter, addressing screening, prevention, genetics, survival, new technology and local resources.

STANDARD 4.2 | Outcomes
Screening

Lung Cancer
Marion General is addressing lung cancer, the No. 1 diagnosed cancer in Marion County, by offering the OhioHealth Lung Cancer Screening Program, a multidisciplinary approach to screening for patients who are at higher risk for developing lung cancer. In FY 2018, 337 patients were screened for lung cancer at Marion General using low-dose chest CT scan technology. Of those screened, 275 were initial screenings and 62 were follow-up annual screenings. 34 people were referred for follow-up, and of these, six lung cancers were diagnosed, five of which were Stage 1 and one that was Stage 3. Every patient screened is referred for tobacco cessation counseling.

With lung cancer on the rise, in part because of high rates of smoking, Marion was chosen to pilot the Incidental Pulmonary Lung Nodule program. Under the pilot, patients are referred for pulmonary consultation or thoracic surgery if they have a pulmonary nodule that meets certain size criteria. A lung nurse navigator
is available to support them through the referral process and answer their questions. In the first three months of the program, which began in July 2018, 46 patients were found to have incidental pulmonary nodules, four of which were malignant.

Breast Cancer

Marion General has worked diligently to ensure that breast cancers are diagnosed at an early, more treatable stage. In FY 2018, Marion General performed 5,620 screening mammograms. Of those, 487 were referred for additional testing, and of these, 90 cancers were diagnosed. Also this year, Marion General introduced tomosynthesis, which uses 3D imaging to help detect breast cancer, especially in those who have dense breasts.

Skin Cancer

Dermatologist Frank Morocco, DO, screened 41 patients at a skin cancer screening event held by Marion General. Of these, 13 patients were referred for follow-up and nine patients were recommended for biopsy. Of those referred, nine patients did follow up with a dermatologist and four patients did not.

Of those biopsied, four skin cancers were diagnosed (three basal cell and one squamous cell). Patients also received education on protection from the sun, the importance of sunscreen, self-exams and warning signs of melanoma of the skin.

2018 Highlights

+ Celebrated Farrukh Ashraf, MD, who completed all requirements to become an MD Anderson Cancer Network certified physician.
+ Brought access to stereotactic body radiation therapy (SBRT) close to home and enhanced kilovoltage (KV) imaging and volumetric arc therapy (VMAT) at OhioHealth Marion Radiation Oncology.
+ Implemented a new Varian™ electronic health record that allows our cancer team to easily access patients’ radiation oncology treatment information and patients to view their radiation oncology appointments on their OhioHealth MyChart.
+ Expanded and moved the medical oncology practice, increasing clinic space from four exam rooms to 10.

+ Added inpatient hospice services to Marion General for patients requiring acute symptom management.
+ Expanded the OhioHealth Lung Cancer Screening Program to OhioHealth Hardin Memorial Hospital and Morrow County Hospital.
+ Hosted “Finding Your New Normal,” a program of the OhioHealth Survivorship Lecture Series, presented by radiation oncologist Jeanne Ashworth, MD, followed by a panel discussion with Farrukh Ashraf, MD, Arvinder Bhinder, MD, and John McDonough III, MD. A total 80 patients, family members and hospital volunteers attended the event.
OhioHealth O’Blenessness Hospital

The top three cancers diagnosed in 2017 at O’Bleness Hospital, which serves the southeast Ohio region, were lung, breast and bladder. To reduce these trends and the likelihood of deaths associated with late-stage cancer findings, O’Bleness Hospital continues to expand access to programs that promote prevention, screening and early detection in the communities we serve.

STANDARD 4.1 | Outcomes
Prevention

Tobacco Cessation
O’Bleness Hospital offers the OhioHealth Tobacco Cessation program, a free six-week course led by certified tobacco-treatment specialists to help patients quit smoking. The program is designed to treat chemical and behavioral addiction to nicotine, and provides patients with a strong support system. In FY 2018, O’Bleness Hospital offered four classes. Of the five people who enrolled in the program, two were successful with tobacco cessation. To raise awareness about the program, we placed flyers and brochures in local physician offices.

Screening

Lung Cancer
O’Bleness Hospital is addressing lung cancer in our community by offering the OhioHealth Lung Cancer Screening Program, a multidisciplinary approach to screening for patients who are at higher risk for developing lung cancer. In FY 2018, 302 patients were screened for lung cancer at O’Bleness Hospital using low-dose chest CT scan technology. Of those screened, 195 were initial screenings, and 107 were follow-up annual screenings. Two lung cancers were diagnosed, one limited-stage small cell lung cancer and one Stage 4 adenocarcinoma of the esophagus. Every patient screened is referred for tobacco cessation counseling.

Skin Cancer
Local dermatologist Dawn Sammons, DO, conducted a free skin cancer screening for patients in Athens county. A total 88 patients were screened, and of these, 16 patients were recommended for biopsy.

Breast Cancer
Because breast screenings are essential to early detection, successful treatment and positive outcomes of breast cancer, O’Bleness Hospital offers mobile mammography screening at the nearby OhioHealth Nelsonville Health Center and locations throughout the community. O’Bleness Hospital also enhanced its services this year with
breast tomography, a new screening and diagnostic tool used for early detection that reduces the need for follow-up imaging. In FY 2018, O’Bleness Hospital provided 535 screening mammograms on the mobile unit. Of those, 272 were provided at the Nelsonville Health Center and 263 at community partner sites, including:

- Athens City School District
- Rocky Boot
- OhioHealth Physician Group Heritage College Physician Offices
- Hopewell Health Centers
- Noble County Health Department
- Athens County Commissioners Office
- Peoples Bank
- Belpre Senior Center
- Cornwell Jewelers
- Federal Hocking City School District
- Chase Bank
- Meigs County Schools
- Scenic Hills Senior Center
- Buckeye Hills Regional Council
- Athens County Libraries
- Ohio University Heritage College of Osteopathic Medicine
- Vinton County School District
- Hocking Athens Perry Community Action
- Susan G. Komen Columbus®

The number of screening mammograms O’Bleness Hospital provided per county were:

- Athens County — 123
- Hocking County — 7
- Jackson County — 11
- Meigs County — 66
- Morgan County — 17
- Noble County — 6
- Perry County — 11
- Washington County — 22

2018 Highlights

- Celebrated certification as an MD Anderson Cancer Network hospital.
- Opened new radiation oncology services in fall 2017, and started 43 patients and performed 790 treatments from October 9, 2017 to June 30, 2018.
- Expanded patient navigation services with full-time nurse navigators for general cancer and breast cancer.
- Launched Breast Health program in March 2018, supported by a dedicated breast health nurse navigator.
- Increased awareness and connected uninsured patients through the Ohio Department of Health’s Breast and Cervical Cancer Project.
- Implemented a new Varian™ electronic health record that allows our cancer team to easily access patients’ radiation oncology treatment information and patients to view their radiation oncology appointments on their OhioHealth MyChart.
- Held “lunch-and-learn” sessions to raise awareness about cancer services for O’Bleness Hospital associates and community professionals:
  - July 2017 — “Summertime Skin: Skin Cancer and Sun Safety” with Dawn Sammons, DO.
  - October 2017 — “Breast Imaging Update” with Jeffrey S. Benseler, DO.
  - January 2018 — “HPV: You are the Key” with Krystal Shockey, PharmD.
  - April 2018 — “Social Determinates of Health” with Moderator Michele Morrone, PhD, and presenters Tania Basta, PhD, CHES, Ruth Dudding, CHES, and Dawn Graham, PhD.
OhioHealth Riverside Methodist Hospital

According to the Ohio Department of Health Franklin County Cancer Profile and the American Cancer Society, the incidence rate of lung and colon cancers in Franklin County and the state were higher than the national average. The leading types of cancer from 2010 to 2014 were female breast, lung, bronchus, prostate, colon, rectal and melanoma of the skin. These represent 55 percent of all invasive cancer cases. Prostate cancer accounts for 25 percent of newly diagnosed cancers in Ohio males (2009-2013). The incidence of breast cancer in Ohio is at or around the national incidence rate, but the death rate in Ohio for breast cancer is higher than the national death rate. To reduce these trends and the likelihood of deaths associated with late-stage cancer findings, Riverside Methodist offers a wide range of programs and services that promote prevention, screening and early detection in the community we serve.

STANDARD 4.1 | Outcomes

Prevention

HPV Vaccine

Cervical cancer is caused by a sexually acquired infection, with two types of persistent human papillomavirus (HPV) infection causing 70 percent of cervical cancers and precancerous cervical lesions. There is also evidence linking HPV with cancers of the anus, vulva, vagina and penis.

+ In FY 2018, a total of 706 patients on Riverside Methodist’s campus received the HPV vaccination during their annual visits, along with HPV education. Patients requiring follow-up care are contacted by their primary care physicians for referral.

+ In September 2017, Riverside Methodist hosted an HPV community event in the hospital cafeteria, where a nurse practitioner who specializes in gynecologic care shared information on HPV and how to prevent it, and answered questions related to cervical cancer. A total 100 people attended the event.
**Tobacco Cessation**

Riverside Methodist offers the OhioHealth Tobacco Cessation program, a free six-week course led by certified tobacco-treatment specialists to help patients quit smoking. The program is designed to treat chemical and behavioral addiction to nicotine, and provides patients with a strong support system. In FY 2018, Riverside Methodist conducted four tobacco cessation courses. Of the 20 people who signed up, seven completed the six-week course, and of these, four were tobacco-free by the end of the course. It’s not uncommon for tobacco users to attempt quitting several times throughout their journey, and because of this, OhioHealth offers tobacco cessation courses free to return participants and links them to additional resources.

**Weight Management**

Because of the overall increase in obesity and the cancer risk it poses, Riverside Methodist hosted cancer-fighting cooking demonstrations to educate the community about the importance of a healthy diet. We held four classes at the OhioHealth McConnell Heart Health Center, located close by the Riverside Methodist campus, where 31 attendees learned about foods rich in antioxidants and other cancer-fighting nutrients. In surveys conducted after the classes, 100 percent of attendees indicated they would change their cooking and eating habits to include more healthy options to prevent cancer.

**Skin Cancer Awareness**

Through OhioHealth Employer Services, Riverside Methodist participated in two corporate health fairs this past fiscal year, educating employees of our corporate partners about the long-term effects of ultraviolet rays and reducing the risk of skin cancer. OhioHealth staff used progression software to demonstrate to employees what their skin will look over time because of sun exposure. They also got to see the difference in their appearance if they wore sunscreen or not, and if they smoked or not.

+ In October 2017, we provided demonstrations to 50 employees at Huntington’s health fair.
+ In March 2018, we provided demonstrations to 60 employees at Business First’s health fair.

**Screening**

**Cervical Cancer**

In FY 2018, Riverside Methodist performed 653 Pap smears to screen for cervical cancer and other gynecologic conditions. Patients with an abnormal Pap result are contacted by their referring physicians about appropriate follow-up and further testing, as well as education about gynecologic cancers and prevention.

**Lung Cancer**

Riverside Methodist is addressing lung cancer in our community by offering the OhioHealth Lung Cancer Screening program, a multidisciplinary approach to screening for patients who are at higher risk for developing lung cancer.

In FY 2018, 437 patients were screened for lung cancer using low-dose chest CT scan technology. Of those, 295 were initial screenings and 142 were annual follow-up screenings. Of those screened, 45 required additional diagnostic workup, and five lung cancers were diagnosed. Eligible patients are referred for tobacco cessation counseling.

**BING LUNG SCREENING PROGRAM FY18**

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<th>Number of Cancers</th>
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</table>

+ In October 2017, we provided demonstrations to 50 employees at Huntington’s health fair.
+ In March 2018, we provided demonstrations to 60 employees at Business First’s health fair.
Breast Cancer

Because breast screenings are essential to early detection, successful treatment and positive outcomes of breast cancer, Riverside Methodist offers mobile mammography screening to those in underserved areas and hosts community events to schedule women for screening mammograms and teach them the importance of self-exams.

The OhioHealth Mobile Mammography Unit offers state-of-the-art technology and a quality screening experience that’s as safe, private and accurate as any of our other screening locations. In FY 2018, 2,199 women received screening mammograms on the unit. Of those, 249 (11.3 percent) were abnormal, requiring additional workup. Riverside Methodist’s breast cancer detection rate was 2.7 percent.

In October 2017, Riverside Methodist hosted an education event in the hospital cafeteria, where 76 women scheduled mammograms and learned how to do a self-exam.

AGE OF SCREENING MAMMOGRAMS

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Colorectal Cancer

In FY 2018, Riverside Methodist performed 1,269 screening colonoscopies, with an adenoma detection rate (ADR) of 39 percent, which exceeds the standard set by the American Society for Gastrointestinal Endoscopy for adequate colonoscopy quality. ADR is defined as the proportion of screening colonoscopies that detect at least one adenoma, also known as a polyp. Riverside Methodist’s ADR is within the expected range of 25 percent to 40 percent, which is based on several studies showing the prevalence of adenomas in asymptomatic adults. Gender-specific prevalence findings showed a 25 percent ADR for men over age 50 and 15 percent for women in the same age group.

Prostate Cancer

In FY 2018, Riverside Methodist performed 6,514 prostate-specific antigen (PSA) screenings for prostate cancer. Patients with abnormal PSA results are contacted by their referring physician for appropriate follow-up and further testing, along with education about the risks of prostate cancer and how it can be prevented.
**Skin Cancer**

While skin cancer is not among the most common cancers seen at Riverside Methodist, the hospital has identified a general community need for additional types of screenings across Franklin County. Many of our community partners — firefighters and emergency medical services (EMS) personnel, for example — are at high risk for skin cancer.

+ In July 2017, we provided skin cancer prevention education and skin screenings at the Ohio Fire Chiefs and Firefighters Convention, where 38 attendees were screened. Of those screened, 25 were recommended for follow-up, and all sought appropriate follow-up care.
+ In May 2018, we provided skin cancer prevention and risk reduction education to 2,000 EMS workers and firefighters at the OhioHealth EMS Conference at Columbus Convention Center. At the event, 30 attendees received full-body screenings, and of these, 15 were referred for follow-up. We provided resources for follow-up to all participants, and at three months, we checked up on individuals we referred. Because of this event, skin screening is now part of the annual screening for this high-risk population.

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**2018 Highlights**

+ Expanded laboratory services at the OhioHealth Arthur G.H. Bing, MD, Cancer Center, making it possible to offer point-of-care laboratory testing that yields quicker results and is more convenient for patients needing same-day lab testing.
+ Launched a new eight-week weight management program for all cancer survivors through our Breast Cancer Survivorship Clinic.
+ Developed an “Intro to Exercise” course in collaboration with the McConnell Heart Health Center for cancer patients and survivors to promote their health and well-being.
+ Welcomed financial advocate Rita Herzberger, who counsels patients requiring financial assistance and connects them with the appropriate resources and programs to help them manage the financial burden of cancer treatment.
+ Offered new Social Work Navigation and Licensed Independent Social Worker (LISW) Counseling services for patients requiring short-term counseling or those experiencing distress-related issues.
+ Achieved a 36 percent clinical trial accrual, exceeding the ACOS Commission on Cancer’s recommendation of 8 percent.
+ Implemented a new Varian™ electronic health record that allows our cancer team to easily access patients’ radiation oncology treatment information and patients to view their radiation oncology appointments on their OhioHealth MyChart.
WE are a faith-based not-for-profit, family of leading healthcare providers sharing an unwavering commitment to deliver quality, convenient and timely healthcare to all members of the community, regardless of their ability to pay. Our hospitals regularly receive national recognition for excellence in clinical quality, patient safety and technological innovation.