## Message From the Service Line Leaders - Oncology

## Intensifying Our Battle Against Cancer



As we finish yet another year of unprecedented change while fighting cancer and the impact of COVID-19, we are truly hopeful that new preventive screening programs, diagnostic tools, and innovative treatments will move us one step closer to winning the battle for a healthier future with our family and friends.



As a certified member of MD Anderson Cancer Network<sup>®</sup>, a program of MD Anderson Cancer Center, one of the nation's top-ranked cancer centers, Premier Health brings world-renowned cancer care and expertise to our patients in Southwest Ohio. Through our strong physician collaboration, patients receive high quality, well-coordinated cancer care close to home, surrounded by family and friends.

All of our care sites undergo an annual quality and safety survey through MD Anderson as part of our certification process. We have more than 50 MD Anderson-certified physician members at Premier Health who have passed a rigorous peer review process. Premier Health is also accredited by the Commission on Cancer and consistently earns the prestigious Magnet<sup>®</sup> recognition for nursing excellence.

During 2021, we focused on getting patients caught up with their cancer prevention screenings for hereditary cancers by increasing access to genetic testing and counseling in our primary care practices.

Reducing the time from cancer detection to earlier cancer treatment and survivorship also is critical to our mission across all cancer types. We began recruiting additional hematology and oncology specialists to create a new Premier Blood and Cancer Center practice to expand access for patients at all Premier Health cancer centers. Our vision is to create a destination of care close to home that provides a compassionate experience for our patients by offering a healing environment, with a multidisciplinary care team, full continuum of cancer care, and supportive services, from diagnosis to survivorship.

By expanding new clinical trials for our patients through physician collaboration and leadership, our membership with MD Anderson, and the help of our foundations and donors, we have elevated our comprehensive cancer care to another level by keeping patients close to home for advanced cancer care.

As the Premier Health Cancer Institute looks forward to the new year ahead, we will continue to focus on improving and expanding cancer prevention, diagnostic tools, nurse navigators, new innovative treatment options, infusion care sites, and access to clinical trials — all with the goal of improving the survivorship of our patients. I am grateful for the collective efforts of our cancer care team: skilled physicians, nursing staff, navigators, leadership, and others who are committed to walking hand in hand with you and your family during your cancer journey — with much respect, compassion, and hope.

Sincerely,

## James Ouellette, DO, FACS

Clinical Service Line Leader – Oncology Certified Physician with MD Anderson Cancer Network® Lori Scalise System Director Service Line Strategy - Oncology

## MD Anderson Affiliation Brings World-Class Cancer Expertise To Southwest Ohio

<u>Premier Health is a certified member of the MD Anderson Cancer Network</u><sup>®</sup>, a program of MD Anderson Cancer Center. MD Anderson is one of the world's most respected centers devoted exclusively to cancer patient care, research, education, and prevention. It is the nation's top hospital for cancer care, according to U.S. News & World Report's "Best Hospitals" survey.

The affiliation with MD Anderson Cancer Center helps Premier Health provide advanced diagnostics and treatments as cancer care continuously evolves. Our physicians receive the most current information on treatments and research protocols available worldwide. Patients who are receiving cancer care from Premier Health benefit from best practices in cancer treatment, prevention, early detection, and follow-up care, all developed by a world-renowned cancer center.

Just this year, MD Anderson Cancer Center awarded Premier Health access to participate in their clinical trials program. (See related story in this report.)

MD Anderson Cancer Network certifies Premier Health physicians, using a rigorous application process to validate the physicians' experience and quality of care. These <u>certified local physicians</u> can consult directly with MD Anderson Cancer Network physicians on complex cases and rare diagnoses. They can request a review by a network physician during a patient's treatment course to reinforce that everything possible is being done for that patient.



"Being connected to MD Anderson Cancer Center allows us to pull some of their world-class expertise into discussions on cancer cases that we are having here locally," says surgical oncologist **James Ouellette, DO, FACS**, clinical service line leader, oncology, and certified physician with MD Anderson Cancer Network<sup>®</sup>.

"When we submit our own cases to network tumor boards [multidisciplinary conferences on patient cases]," Dr. Ouellette continues, "it's an additional set of eyes to confirm that we're getting it right and making sure, with our combined expertise, that our patients are getting optimal care close to home."

## Advancing Cancer Treatment Through Clinical Trials

MD Anderson Cancer Center, one of the nation's top cancer centers, has selected Premier Health to participate in several phase II and phase III clinical trials focused on new cancer medications and cancer-related devices.



"Clinical trials allow us to advance the science of cancer treatment in real people," says surgical oncologist **James Ouellette**, **DO**, **FACS**, clinical service line leader, oncology, and certified physician with MD Anderson Cancer Network<sup>®</sup>. "Many patients benefit from being involved in clinical trials, and the trials provide access to medications or treatments that would otherwise be limited or restricted."

Premier Health applied for the privilege of offering MD Anderson clinical trials as part of its status as a certified member of the MD Anderson Cancer Network<sup>®</sup>.



**Amanda Musser, MSN, RN**, system director, hospital operations outpatient oncology, describes the process of gaining access to MD Anderson clinical trials. "We have been working on growing our oncology clinical trial program to allow patients to receive care within their community. In 2021, we strategized with physicians from Premier Blood and Cancer Center, as well as Premier Health surgical and gynecological

oncologists. MD Anderson evaluated our portfolio and structure, and we were able to successfully show them our commitment to research."

She continues, "I am most excited that our patients at Premier Health will be able to stay close to their loved ones and be offered a treatment that they may not have had access to before. Giving patients the opportunity to stay close to home and receive the same treatment or trial as people being seen at MD Anderson is a great achievement for us."

The goal of phase II trials is to test new treatments that may slow or stop cancer growth, or destroy cancer altogether. These trials may also look at improved quality of life or extending people's lives. People in these trials often get the dosage deemed safest and most effective in previous trials.

Phase III clinical trials compare the safety and effectiveness of the new treatment against the current standard treatment.

As Premier Health physicians recognize patients who are eligible for various MD Anderson trials, they can enroll those patients. Premier Health also participates in many National Cancer Institute and industry-sponsored clinical trials. If you are interested in participating in oncology clinical trials, or referring patients, please reach out to Darinda Reis, oncology clinical trial supervisor, at (937) 438-7882 or Amanda Musser at (937) 776-6010.

## Nurse Navigators Dispense Guidance, Peace of Mind



If the oncology nurse navigator program at Premier Health had a bumper sticker, it would read, "Guiding patients to peace of mind in their cancer journeys." For <u>Charlie Watson</u>, a patient with head and

neck cancer, a joint effort by

nurse navigators Jenny Niekamp, BSN, RN, and Caitlin Sargent, MSN, RN, has helped him find his voice again.

When Watson was diagnosed with <u>oral squamous</u> <u>cell carcinoma (tongue cancer)</u> last summer, the 67-year-old was overwhelmed with thoughts of how his life was about to change. Sargent and



Niekamp teamed up to address his concerns. Sarah Jones MS, APRN, ACNS-BC, AOCNS, VA-BC, nurse manager, Upper Valley Medical



Center cancer center, says their teamwork was "exciting to see."

"It all worked so seamlessly," she says. "They really understood his special needs and concerns." Sargent made the initial contact and soon brought in Niekamp, who supported Watson through surgery, chemotherapy, and radiation.

<u>Nurse navigators</u> use their in-depth knowledge of cancer care to guide and support patients throughout diagnosis, treatment, and recovery, working closely with each patient's cancer care team. They focus on care coordination, patient education, barrier reduction, and connecting patients to community resources. Many navigators hold advanced degrees in nursing and specific certifications for oncology care.

A software tool, OncoNav, lets navigators share information across all Premier Health locations, which is helpful when patients have surgery at one hospital and radiation or chemotherapy at another.

"We continue to streamline our process so regardless of where a patient is, we can support them," Jones says.

## **Support For Unique Patient Journeys**

Watson's surgery to remove a portion of his tongue reduced his ability to speak and communicate – a drastic hurdle for anyone, but especially challenging for the gregarious Watson, who loved to sing and joke around. As he struggled to communicate post-surgery, Sargent and Niekamp investigated tools — mainly phone apps — other patients were using to facilitate communication.

They didn't find the apps very user-friendly. So they kept looking. They landed on an inexpensive, electronic reusable writing pad known as a Boogie Board. Watson's eyes lit up when Niekamp showed him the board. It was a breakthrough for the social isolation he'd been feeling. It gave him his voice again.

"The communication board gave Charlie that autonomy piece that was taken away from him," Niekamp says. She was so impressed with the impact such a simple device could create that she requested and received funding from the Good Samaritan Foundation to supply the boards for other patients.

## **Growth And Outreach**

Premier Health has committed to growing the oncology nurse navigator program, expanding it to support all types of cancers. We know how important it is for our patients to connect with a nurse navigator.

Jones also stresses the value of early navigator referral. "Often, patients don't know what they need or are overwhelmed with having cancer and all of a sudden have a lot to navigate." The sooner a navigator enters their care journey, the better, she says.

Recently, navigators began reaching out to women with suspected breast cancer — before their biopsies — so if a cancer diagnosis occurs, they're already connected to a navigator who can help guide them.

The program's goal is to keep growing so all Premier Health cancer patients can benefit from the peace of mind navigators help provide. Until then, Jones says, "If there's a patient who doesn't have a navigator but who could really benefit from one, we'll find one for them."

Physicians can make a <u>navigator referral</u> via Premier Health's Epic system or by emailing a <u>referral form</u>. Patients can call the Premier Health cancer hotline at **(844) 316-HOPE (4673)**, Monday through Friday, 8 a.m. to 5 p.m., to connect with a Premier Health oncology navigator.

## Advanced Care Spotlight: Breast Cancer

## New Breast Cancer Specialist, New Programs Elevate Patient Experience and Outcomes

Four months after learning she had breast cancer, <u>Sue Souders</u> jumped out of a plane. She believed the exhilaration of skydiving was a perfect response to resume living and move beyond her cancer experience.

Diagnosed with <u>stage 1 invasive ductal carcinoma</u>, the most common type of breast cancer, Souders





placed her health and trust in the hands of Premier Health breast surgical

oncologist <u>Selyne Samuel, MD, FACS</u>. Dr. Samuel joined Premier Surgical Oncology following a five-year residency program in general surgery and a fellowship in breast surgery at Cleveland Clinic Akron General Hospital in Northeast Ohio.

As a fellowship-trained breast surgical oncologist for Premier Health, Dr. Samuel is up to date on the latest surgical advances, recommendations, and guidelines for women who have — or are at high risk of getting — breast cancer. She has studied genetics and the biology of breast tumors for a greater understanding of which treatment options work best for which cancers.

Dr. Samuel has expertise in noninvasive breast biopsies in her office and procedures like nipplesparing mastectomies in the operating room.

"More surgeons are undergoing fellowship training to be on top of their areas of interest," Dr. Samuel says. "It's about being really good in your niche."

In addition to her technical expertise, she is also noted for the warmth and empathy she brings to her conversations with patients. "Breast cancer can be a very scary diagnosis. I'm working side by side with a woman who comes with emotions and responsibilities as a mother or wife. We work together to get her back to her quality of life."

She thoroughly enjoys seeing women transform from worried and concerned to giddy and relieved when they learn they are cancer-free.

When Souders finished her treatment and learned she was cancer-free, with no lymph node involvement, Dr. Samuel put on a country western song she knew Souders liked and said, "Let's do the cancer-free dance."

Souders relates, "Then, we did a little jig together. That's just the kind of doctor she is. So amazing and uplifting."

Working in collaboration with Dr. Samuel at Premier Health is an entire team of people who specialize in cancer care so patients can rest assured they won't be alone in their journey. Oncology nurse navigators guide patients through diagnosis, treatment, and beyond, providing education, answering questions, and helping to coordinate next steps for care.

Radiologists provide expert guidance in diagnosing cancer. Medical oncologists work closely with surgeons and radiation oncologists to create a personalized plan designed to give each woman the care she needs at the right time.

Many others add their skills as well: social workers for connections to community resources and support, exercise physiologist to improve physical health and mobility, physical therapists to help manage and reduce side effects of treatment, counselors to address the stresses of the disease, dietitians to help design an appetizing, healthy diet, and others who provide care in the home, if needed.

Oncology nurses like <u>Kelly Huntey</u> also provide critical support. Huntey shares a special bond with her patients, having <u>recently undergone breast cancer</u> <u>treatment herself.</u>

Together, the Premier Health cancer team continues to focus on shortening the length of time from breast cancer diagnosis through treatment so women can get back to their lives. In 2021, the cancer team worked toward this goal with several improvements:



- Women can <u>use online scheduling</u> for screening mammograms, making scheduling more convenient. Phone scheduling is still available, as well.
- Upper Valley Medical Center began offering the <u>SCOUT® wire-free radar localization</u> <u>system</u> to more accurately target breast tumors for surgical removal. SCOUT is already available at Atrium Medical Center and Miami Valley Hospital South. Instead of having a wire inserted into the breast to mark a tumor's location – often on the day of surgery – doctors can place a SCOUT reflector, which is smaller than a dime, into the breast in advance of surgery. This first step can be accomplished in the breast surgeon's office before surgery. The ease and accuracy of the technology help to allay women's fears and may result in better cosmetic outcomes.
- Women with dense breasts or who are at a higher risk for breast cancer can now choose
  <u>Fast Breast MRI</u> at Premier Health as a second step (following a mammogram) for breast
  cancer screening. In early 2021, Premier Health became the first in Dayton to offer this new
  option, which takes 10 minutes or less. It's an alternative to a traditional full breast MRI,
  which typically takes an hour. This self-pay option, costing \$400, is available at four locations
  in Southwest Ohio Atrium Medical Center, Miami Valley Hospital, Miami Valley Hospital
  North, and Upper Valley Medical Center.

• To increase flexibility of its staff and efficiency for women receiving care, Premier Health cross-trained its mammography staff to be able to perform multiple roles in multiple locations. To further streamline care for a woman who has a detected abnormality in her breast, Premier Health allows referring physicians to authorize additional needed care under the direction of a radiologist, without a new referral from that original referring physician. This process can help to speed care and reduce anxiety for patients.

Of course, <u>early detection of breast cancer</u> is always our goal. In addition to screening and diagnostic mammography, ultrasound, breast MRIs, and other diagnostic tools, Premier Health also offers highrisk breast cancer centers and genetic testing and counseling for those at increased risk for breast cancer.

## Cancer Programs and New Technology to Help Prevent, Detect, and Treat Cancer

Premier Health goes above and beyond in bringing unique programs and advanced treatments and technologies to the Southwest Ohio region. Our goal is to keep patients close to home for advanced cancer care near their loved ones.

## Cancer Prevention Keeping Up With Cancer Screenings Despite COVID-19

## Premier Health Cancer Prevention Program Takes Extra Steps to Identify Cancer Risk

One of your best defenses against cancer is catching it early through routine screenings. During the first months of the U.S. COVID-19 pandemic, however, many people delayed regular screenings for breast, colon and other cancers. In 2021, Premier Health worked to reverse that trend and offer an extra level of vigilance for people at higher risk for cancer.

The American Cancer Society and National Comprehensive Cancer Network reported the following on screening delays and speculated on long-term effects:

- More than one-third of adults failed to receive recommended cancer screenings during the pandemic.
- An estimated 22 million cancer screenings were canceled or missed between March and June 2020.
- 43 percent of patients missed routine preventive appointments due to COVID-19 fears.

The National Cancer Institute (NCI) estimates that over the next 10 years, almost 10,000 excess deaths in the U.S. from breast and colorectal cancer alone will result from pandemic-related delays in cancer screenings and treatment.



"We have seen patients being diagnosed at more advanced stages because they either missed their screening or had a symptom, but were fearful of going out in public or seeing a medical professional during the pandemic," says **Emily Townsend, MSN, RN, OCN**, oncology program manager.

Premier Health halted cancer screenings briefly in spring 2020 but quickly resumed them. The cancer team also looked for creative solutions to make screenings more accessible. For example, Premier Health promoted <u>the Polymedco Fecal Immunochemical Test (FIT)</u> to screen for blood in the stool, as well as markers that come off of tumors or advanced polyps. The at-home test requires submitting a stool sample for lab analysis. If anything unusual is found, the patient receives a follow-up colonoscopy, which is still considered the most effective screening tool for colorectal cancer. The value of FIT is to provide a screening alternative for people who have no symptoms and are reluctant to have a colonoscopy or go to a health care facility during the pandemic.

Townsend emphasizes the safety of getting screenings at Premier Health facilities: "We follow strict health and safety protocols, which include Centers for Disease Control and Prevention (CDC) recommendations." She strongly encourages people to schedule screenings according to American Cancer Society guidelines.

## **Premier Health Expands Cancer Prevention Program**

To increase early detection of cancer, Townsend says it's also important to identify patients at greatest risk of getting cancer. In 2021, Premier Health expanded its <u>Cancer Prevention Program</u> to nearly all of its primary care and gynecology offices.

The program uses Myriad Genetics Laboratories' myRisk<sup>®</sup> questionnaire and hereditary cancer testing, which patients can complete during routine physicals. If patients answer "yes" to at least one of the questions, they can have a phone conversation with a Myriad genetic counselor during their appointment.

If the patient and provider agree, the patient can then get a blood test the same day that screens for 35 different genetic mutations associated with eight hereditary cancer types. Results take about four to six weeks to come back. Patient and doctor then make a personalized care plan to address any cancer risks. Patients can also opt for a follow-up conversation with the genetics counselor for a detailed explanation of results.



"Premier Health's Cancer Prevention Program is another way we are helping our patients identify if they have an increased risk, need additional screenings, or screenings starting at any earlier age," says **Joseph Allen, MD**, medical director for Premier Physician Network. Once high-risk patients are identified, they can partner with their doctors to get screening tests at recommended intervals, develop a

healthful diet plan, exercise, decrease alcohol use, and quit unhealthy habits, such as smoking.

"More than 700 Premier patients completed the process in the first nine months of 2021," he notes. "Ninety-two percent had no out-of-pocket expense. That's something special you're not getting everywhere else."

## Advanced Programs, Technologies Accelerate Lung Cancer Diagnosis And Treatment



Finding and treating lung cancers at their earliest stage continues to drive our cancer team, according to **Jose Rodriguez**, **MD**, **FACS**, system director of thoracic surgery and certified physician with MD Anderson Cancer Network<sup>®</sup>. The following advancements combine to offer a full spectrum of lung cancer care close to home.

Miami Valley Hospital performed its <u>100th Monarch<sup>™</sup> Platform</u> case in November 2021, a milestone for this technology that aids in earlier diagnosis and treatment of lung cancers. The Monarch Platform is a robotic bronchoscope that provides improved vision, reach, and control for viewing inside a patient's airways. The computer-assisted navigation based on 3-D models of the patient's own lung anatomy enables pulmonary specialists to search the delicate, distant branches of the lung and obtain tissue samples from hard-to-reach nodules for biopsy. Miami Valley Hospital was the first in Ohio to use this technology. The Miami Valley Hospital Foundation provided funding for the equipment, which launched in August 2020.

A new system-wide Lung Nodule Evaluation Program is in development at Premier Health to provide a coordinated program for evaluation, risk stratification, monitoring, and optimization of care for patients with lung nodules. Often, lung nodules are found incidentally through X-rays and CT scans. Some lung nodules, depending on patient risk factors, can go on to develop into lung cancers. The new program, featuring an advanced practice nurse (APRN), will bring a highly coordinated approach for managing these patients, with a goal of diagnosing lung cancers at their earliest stages.

A collaborative effort by pulmonology, medical oncology, and diagnostic imaging aims to standardize the diagnostic order set to improve time between lung cancer diagnosis and treatment.

## Welcome To Premier Blood and Cancer Center



Premier Health is committed to providing more access to comprehensive, compassionate cancer

care, assisting our patients' cancer journeys with supportive services, clinical trials, and oncology specialists who offer advanced therapies and treatments. In 2021, we were excited to <u>five new</u> <u>hematology and oncology specialists</u> who have created a care team to personalize your cancer care: **John J. Haluschak, MD, Sana Jeffreys, MD, Piyush V. Patel, MD, Tarek M. Sabagh, MD**, and **Joseph R. See, MD**. <u>Premier Blood and Cancer Center</u> physicians are experienced in the diagnosis and treatment of all types of cancer, including blood and lymph disorders, breast, brain, bone, digestive, head and neck, urinary, lung, prostate, melanoma, and many more.

## Fellowship-Trained Neurosurgeon Leads Collaborative Neuro-Oncology Care



Premier Health's nationally recognized neuro-oncology program is led by **Ania Pollack**, **MD**, **FACS**, **FAANS**, a certified physician with MD Anderson Cancer Center Network<sup>®</sup>. The Miami Valley Hospital Foundation honored her as a medical professional Champion of Hope in 2020/2021 for her innovations in the neuro-oncology program, and for providing state-of-the-art and compassionate care for her patients at the

bedside and in the operating room.

Dr. Pollack is a fellowship-trained neurosurgeon specializing in skull-based neurosurgery and neuro-oncology. She provides personalized, comprehensive surgical and non-surgical treatment in collaboration with medical oncology and radiation oncology for brain and spine tumors and conditions like skull base and pituitary tumors, primary and metastatic brain tumors, and spinal tumors.

During a weekly neuro-oncology multidisciplinary clinic at Miami Valley Hospital South's Comprehensive Cancer Center, patients can see the physicians they need to see on the same day, without traveling from place to place. This greatly benefits patients who may have cognitive or physical impairments from their cancer. Each patient's case is discussed at the weekly tumor board for team input on personalized care plans.

The neuro-oncology program will continue to enhance access for patients in the Ohio region.

## Head And Neck Oncology: Restoring Hope Through Cancer Treatment, Reconstruction



When Tim Harrison of Springboro learned he had tongue cancer, he thought his life was over. What he didn't account for was the skill and tenacity of **Sameep Kadakia, MD**, a fellowship-trained facial, plastic, and microvascular reconstructive surgeon with expertise in eradicating head and neck cancers and reconstructing the face and neck to restore a person's function and quality of life. He is also a

certified physician with MD Anderson Cancer Network<sup>®</sup>. For complex cases, he consults with MD Anderson physicians.

Dr. Kadakia leads Dayton's first and only comprehensive Head and Neck Cancer Program, which offers a full spectrum of procedures, including oncologic ablation (using special probes to burn or freeze cancerous tumors), facial reconstruction, and chemoradiation.

He collaborates with a multidisciplinary team that includes experts in medical oncology, radiation oncology, speech and swallow therapy, pathology, and neurosurgery. They work together to diagnose and treat a wide range of benign and malignant head and neck tumors, including those of the eye, oral cavity, salivary glands, oropharynx, larynx, thyroid/parathyroid glands, esophagus, sinonasal tract, temporal bone, and skull base.

Patient Tim Harrison initially had surgery to remove a portion of the bottom of his tongue and mouth. When the cancer returned, Dr. Kadakia performed further surgery to remove cancer from Harrison's tongue, jawbone, and lymph nodes in his neck.



The surgery successfully eliminated the cancer, but Harrison needed delicate reconstruction to restore his speech and appearance. Dr. Kadakia collaborated with **Sunishka Wimalawansa, MD**, a fellowship-trained hand and microvascular reconstructive surgeon, to perform a radial forearm free flap, a procedure using a flap of skin on the underside of Harrison's forearm to reconstruct his tongue.

With therapy, Harrison has regained the ability to speak clearly, and he continues to be cancer-free. "It was astonishing – amazing!" he says. "I was back to normal very quickly and it had a lot to do with the doctors and therapists. I was prepared for the worst and then I got the best." <u>Watch Harrison's story</u>.

Premier Health's Head and Neck Cancer Program is focused on increasing its services to head and neck cancer patients in the Ohio region.

## **Gynecologic Oncology Center Streamlines Care For Patients**



**Michael Guy, MD**, a fellowship-trained gynecologic oncologist and certified physician with MD Anderson Cancer Network<sup>®</sup>, leads a gynecologic oncology team that provides personalized treatment plans for women who have gynecologic cancer, whether it's cervical, endometrial, ovarian, uterine, vaginal, or vulvar. In addition, Dr. Guy does consults for post-menopausal bleeding, and even when patients don't have cancer,

he follows through until all questions and concerns have been addressed.

Gynecologic cancer care is streamlined and comprehensive, with most services provided at Miami Valley Hospital South. Radiation oncology services are provided at several locations for patients' convenience.



"It's a one-stop shop, where the physician and nursing team treat you like family and get to know you from start to finish," says **Amanda Musser, MSN, RN**, system director, hospital operations outpatient oncology. "Dr. Guy and his team work hand in hand with patients, to provide treatment and education, helping them to get appointments scheduled, and offering specialized services such as

genetic counseling, as needed."

Dr. Guy and the gynecologic oncology team routinely attend a multispecialty tumor conference to review and discuss cases. Dr. Guy also can consult with MD Anderson's cancer specialists on complex cases.

Several gynecologic clinical trials are available for patients who qualify.

#### **Surgeons Specialize In Treating Variety Of Cancer Sites**

A surgical oncologist is a physician who specializes in surgeries used to treat certain types of cancer. They typically have fellowship training beyond their general surgery training. At Premier Health, we have surgical oncologists who perform specialized procedures for melanoma, pancreatic cancer, and cancers of the colon, rectum, and digestive tract.

Each cancer specialty takes a multidisciplinary approach to patient care and treatment, bringing together surgeons who collaborate with oncology navigators, medical oncologists, radiation oncologists, radiologists, and others.

The Liver Cancer Center of Ohio combines the skills of both surgical and interventional oncology specialists to treat liver cancer. Surgical oncologists **James Ouellette**, **DO, FACS**, and **Matthew Doepker**, **MD**, both certified physicians with MD Anderson Cancer Network<sup>®</sup>, work



closely with interventional radiologist **Shannon Kauffman, MD**. Premier Health is among a small group of programs in the country to take this collaborative approach. Oncologists, gastroenterologists, primary care physicians, and other care providers also contribute to care.

For patients with melanoma, our surgical oncology team now offers T-VEC, a local immunotherapy treatment that kills melanoma cells in the skin and lymph nodes. T-VEC uses a virus to infect and kill cancer cells while avoiding normal, healthy cells. T-VEC is injected directly into melanoma tumors. The virus replicates within the cells, causing them to rupture and die.

## **Advances in Prostate And Other Urological Cancers**



Urologists **David Key, MD**, and **Mark Monsour, MD**, both certified physicians with MD Anderson Cancer Network<sup>®</sup>, have been instrumental in expanding technology tools to improve patient care. One of our most exciting advances has been the UroNav Fusion Biopsy Robotic technology. Funded by the Miami Valley Hospital Foundation,

UroNav allows the urologist excellent visualization and precision to remove a portion of the prostate tumor without surgery. It can also be used to diagnose and help manage prostate cancer and is helpful in planning for robotic surgery and radiation therapy.



**Erik Weise, MD**, a certified physician with MD Anderson Cancer Network<sup>®</sup>, and **Spencer Hill, MD**, perform advanced robotic surgery for prostate cancer. Other treatment options include chemotherapy, palliative care, immunotherapy that stimulates the body's immune system, bone-strengthening drugs to increase bone mass and prevent

fractures, and medicines that help slow the progression or kill cancer cells in the prostate.

Men experiencing advanced prostate cancer that has spread to other parts of the body – such as the bones, lymph nodes, or liver – can rely on guidance and support from our urologists and multidisciplinary care team in the Advanced Prostate Cancer Center at Miami Valley Hospital South.

In addition to prostate cancer, urology specialists across all Premier Health facilities manage bladder and kidney cancers for patients in Southwest Ohio.

## **Community-Based Lab Services For Patients' Convenience**

Premier Health, in partnership with locally based CompuNet Clinical Laboratories, provides essential laboratory services to aid in cancer diagnosis and treatment. Southwest Ohio residents benefit from this local arrangement by receiving testing close to home and receiving timely results.

CompuNet's flow cytometry, immunohistochemistry, FISH, and molecular departments test for lymphomas, leukemias, and solid organ malignancies. Working with CompuNet, Valley Pathologists offer extensive pathology interpretation on all testing related to cancer diagnosis and treatment. Because testing is performed locally, test results can be delivered more quickly, benefiting patients who anxiously await their diagnosis and enabling them to receive personalized disease management.

Pathology accomplishments in 2021 included:

• Improved breast biopsy specimen turnaround time: In 2021, CompuNet established a turnaround goal of 2.5 business days for returning breast biopsy specimen results to providers with initial findings. Actualized average turnaround was 2.88 days, with continued improvement towards goal. The short turnaround time allows faster treatment plans to be developed and reduces patient anxiety while waiting for test results.

- Laboratory testing in oncology/hematology offices: "Rapid response labs" are staffed in oncology/hematology physician offices to expedite testing. Phlebotomists and medical lab technologists use nationally accredited procedures and equipment to draw blood and process tests during a patient's appointment. Having patient test results available while the patient is in the office can aid the clinician in determining if any treatment plan modifications are required.
- Next-generation sequencing: Planning in 2021 paved the way for nextgeneration sequencing (NGS) technology to be offered by CompuNet in early 2022, with the support of Atef Shrit, MD, chairperson, CompuNet Clinical Laboratories, and president, Valley Pathologist. NGS can determine the sequence of DNA or RNA to study genetic variation. It will aid in



targeting specific gene mutations associated with different cancers. NGS has revolutionized genomic research by sequencing many DNA strands at the same time and completing an entire human genome study in a day. By contrast, previous sequencing technology could take up to a decade. Genomic sequencing is key to providing oncologists a targeted view of the cancer tumor type to provide a more personalized approach to treatment.

## **Radiation Oncology Services Receives National Accreditation**

<u>Radiation Oncology Services</u> consistently commits to clinical excellence, most recently evidenced through a four-year accreditation by the American Society for Radiation Oncology (ASTRO).



A joint venture of Premier Health, Dayton Physicians Network, and Wayne HealthCare, Radiation Oncology Services is the only program in the Dayton area to receive accreditation by ASTRO's Accreditation Program of Excellence, according to **Ryan Steinmetz, MD**, medical director for Premier Health radiation oncology. This independent accreditation program employs a rigorous review process that evaluates

comprehensive practice standards and performance, including safety, quality, and patient-centered care. Miami Valley and Southwest Ohio patients benefit from this clinical excellence at six convenient locations close to home.

## **Cancer Survivorship Services Continue Beyond Cancer Treatment**

Survivorship is the experience of living with, through, and beyond a cancer diagnosis. At Premier Health, we want to ensure our patients have access to services throughout their cancer journey and when it best fits their needs.



"We offer these services to get patients back to the level they were living before being diagnosed," says **Amanda Musser, MSN, RN**, system director, hospital operations outpatient oncology. "We treat both mind and body and ask ourselves what we can do to make sure patients are getting whatever they need, whether it's emotional support, meals, supplements, nutrition, or counseling. This goes well

beyond medical treatments."

We offer these services and programs across our system — whether in person or virtually — no matter where you receive cancer care in the Premier Health system.

Cancer survivors work with their care team to create a Survivorship Care plan, which provides a record of your cancer and treatment history. It documents needed follow-up appointments and makes recommendations for enhancing quality of life.

Services include:

- Exercise therapy
- Massage therapy
- Nutrition support
- Genetic counseling
- Social services
- Incontinence and pelvic floor physical therapy
- Resources for breast cancer survivors (e.g. Expressions of Hope)
- Support groups
- Weight management

"The typical patient gets a free three-month exercise program," Musser says. Premier Health foundations cover the costs for the exercise program, as well as massage therapy, for select patients undergoing cancer treatment.

## **Earlier Access To Palliative Care**

Quality cancer care reaches beyond technology and convenient locations. It also requires access to services that support physical comfort and emotional well-being, which can help promote healing.

Our recently improved screening tool aids our cancer team in identifying palliative care needs of patients as early in their disease process as possible for optimal health. In addition, our social workers can connect with patients to evaluate needs and assist with referrals.



Premier Health frequently works with <u>Pure Healthcare</u>, located on the Miami Valley Hospital South campus. Palliative and chronic care specialist **Chirag Patel**, **MD**, **FAAHPM**, is chief medical officer. Pure Healthcare works in partnership with Premier Health to offer palliative care specialists and a care model consistent with our individualized, patient-centered care philosophy.

## Our Care Lives Here: Community Outreach and Foundation Support

Cancer's impact is not confined to hospital walls. It's witnessed in the countless stories of courage and determination woven throughout our community. So that's where our outreach efforts take us as we bring prevention, hope, inspiration, and support to people when and where they need it. Our efforts were more important than ever in 2021 as we helped our community get back on track with preventive health care routines following challenges caused by COVID-19.

## **Combined Force Against Female Cancers**



Premier Health's four hospital foundations work together to create greater impact than any one foundation could alone, according to **Jenny Lewis, Premier Health system vice president of philanthropy**. This is especially true when it comes to early diagnosis of female cancers. Through collaboration with each other and generous community supporters, Premier Health's foundations are helping bring Southwest

Ohio women increasing access to critical preventive care.

Deirdra Williams benefitted from two of these efforts. After three years of putting off her mammogram, due to a job change and finding herself uninsured, she finally made the appointment. She was relieved to discover the <u>Breast</u> <u>and Cervical Cancer Project</u> would cover the cost. She conveniently scheduled her screening through Premier Health's community-funded mobile mammography coach. It was a good thing she did. Deirdra was diagnosed with stage zero breast cancer and benefitted from early detection and treatment. Read more about <u>Deirdra's story</u>.



The Breast and Cervical Cancer Project (BCCP) removes barriers to wellness for women through free cancer screenings and diagnostics. Funded by a grant from the Ohio Department of Health and administered in Southwest Ohio by Premier Community Health, BCCP provided 1,070 free breast and cervical cancer screenings for eligible women in a 16-county region during the 2020-21 grant year. An additional 75 screening services for women who fell outside BCCP eligibility were covered by Premier Community Health's voucher program, funded in part by Premier Health foundations.

Premier Health's <u>mobile mammography coach</u> made screening access easier for 2,064 women in 2021 and helped detect 11 cases of breast cancer. The coach attended 216 events in a 10-county area, parking at businesses, physician offices, schools, senior centers, YMCAs, churches, fire stations, and community buildings.

Generous foundation donors, as well as the Gala of Hope Foundation, have helped fund the coach. A collaboration with the Norma J. Ross Memorial Foundation and Bob Ross Buick provides convenient access to the mobile coach for Centerville residents. The Ross Foundation also supports BCCP by advocating for early detection of breast cancer and referring women with income or insurance barriers.

## **Brake For Breakfast And Breast Cancer Awareness**

Premier Health's annual Brake for Breakfast continued this year as a driving force in breast cancer awareness. The drive-through October events in Englewood, Piqua, Middletown, and Centerville provided broad community reach. Motorists received free breakfast bags and helpful breast health information that included the importance of early detection and annual mammograms for women over 40.

#### **Pink Ribbon Girls**

Premier Health continued its support this year of Pink Ribbon Girls, an all-volunteer group that provides healthy meals, rides to treatment, housecleaning, and peer support to patients with breast and gynecological cancers. Premier Health's Mikki Clancy, chief digital officer, serves as chair of the Pink Ribbon Girls Board.

#### **American Cancer Society Community Partnerships**

We continue to strengthen our longtime partnership with the American Cancer Society. We're helping increase awareness, engage community leaders, and expand access directly and indirectly for our patients with these activities.

- Premier Health increased its support of the Making Strides Against Breast Cancer walk in Dayton this year as a lead sponsor. Marquita Turner, chief operating officer of Miami Valley Hospital South, served as executive chair for the October 16 event held at Island MetroPark. Three national live virtual options also were offered. Eight teams and 102 participants from Premier Health came out to show support, raising \$3,990. Premier Health also donated an additional \$11,145.30 through the sale of over 1,000 Making Strides T-shirts.
- For the second year in a row, Premier Health's Mikki Clancy led the Real Men Wear Pink of Greater Dayton October campaign. The effort enlists the leadership and influence of distinguished men from the community to raise funds and draw attention to the fight against breast cancer. These campaign ambassadors raised \$49,267 through individual fundraisers. Six were from Premier Health, and they raised \$14,302.
- A recently awarded \$15,000 transportation grant from the American Cancer Society (ACS) is helping patients more easily access cancer care at Premier Health. Transportation is the third most-commonly cited barrier to accessing health services for older adults, according to the ACS. The grant was distributed across Premier Health's four foundations in September to help alleviate the financial burden of patient transportation costs. Based on individual needs, patients receive assistance in the form of gas cards, cab rides, ride share services, or public transportation passes.
- Premier Health provided sponsorships and teams for two **Relay for Life** events in Miami and Butler counties.

## **Skin Cancer Screenings**

Community skin cancer screenings returned in 2021 to boost access in Southwest Ohio to this <u>important tool in early detection</u>. Two events, hosted by Atrium Medical Center and Miami Valley Hospital, provided screenings to nearly 90 attendees, 11 of whom were recommended for biopsy.

## **National Cancer Survivors Month Events**

Our sixth annual Portraits of Hope celebrating National Cancer Survivors Day took place at Miami Valley South on Sunday, June 6. Forty families took advantage of the event's free portrait sessions for cancer patients, survivors, and their families, provided by Premier Health and Laveck Photography. Good weather enabled this socially distanced event to take place outdoors for some stunning photos!

Premier Health hosted a June 29 webinar, <u>"Intimacy and Cancer Survivorship,</u>" in recognition of National Cancer Survivors Month. The free, interactive webinar offered discussion surrounding intimacy and sexual health post cancer treatment, including physical and psychological effects on sexuality that can occur from physical changes and body image disruption.

Once again this year, we created a beautiful <u>Tree of Life</u> mosaic using submitted photos of cancer survivors, caregivers, and cancer care providers. The unique piece of art was shared via social media and is available for download on the Premier Health website.

## Leukemia And Lymphoma Society

Premier Health continued its partnership with the Dayton chapter of the Leukemia and Lymphoma Society (LLS) by sponsoring Light the Night, held virtually again this year September 30. With more than 500 participants, the event raised \$306,200. Our social workers and nurse navigators continue to work closely with LLS, sharing with our blood cancer patients and families the many ways LLS can support

## **Donor Impact And Patient Support**

Community contributions to Premier Health hospital foundations help provide patient support in areas beyond treatment and screenings, including lymphedema garments and integrative therapies (i.e., massage, yoga, healing touch, acupuncture, therapeutic art). Integrative therapy programs are designed specifically for cancer patients and are taught by trained instructors to enhance the health and well-being of patients throughout treatment and recovery.

The Norma J. Ross Foundation continued its collaboration with Premier Health this year by making significant gifts in support of our oncology staff.

Donate and learn more about Premier Health hospital foundations.

## Premier Health

## Site Summary Table for New Cases 2020

| CITE   |                | CEN        |                |        |          |          |                 |          |        |         |                  |
|--|----------------|------------|----------------|--------|----------|----------|-----------------|----------|--------|---------|------------------|
| SITE   | Total<br>Cases |            | IDER<br>Female | 0      | 1        | II       | CC STAGE<br>III | IV       |        | Unknown | % of<br>Occurren |
| Head and Neck                                |                |            |                |        |          |          |                 |          |        |         |                  |
| Lip  | 2              | 2          | 0              | 0      | 1        | 0        | 0               | 0        | 1      | 0       | 0.06             |
| Tongue                                       | 34             | 21         | 13             | 2      | 7        | 5        | 7               | 11       | 1      | 1       | 1.10             |
| Salivary Gland                               | 9              | 3          | 6              | 0      | 3        | 0        | 0               | 4        | 1      | 1       | 0.29             |
| Floor of Mouth/Gum/Other                     | 12             | 7          | 5              | 0      | 3        | 0        | 2               | 6        | 1      | 0       | 0.13             |
| Tonsil                                       | 21             | 16         | 5              | 0      | 9        | 5        | 1               | 3        | 2      | 1       | 0.68             |
| Nasopharynx                                  | 2              | 2          | 0              | 0      | 0        | 0        | 1               | 1        | 0      | 0       | 0.06             |
| Oropharynx                                   | 10             | 9          | 1              | 0      | 1        | 3        | 1               | 3        | 2      | 0       | 0.32             |
| Hypopharynx<br>Othor Oral Cavity and Pharyny | 3              | 3<br>2     | 0              | 0<br>0 | 0<br>0   | 0        | 0               | 1<br>0   | 1      | 1<br>0  | 0.10<br>0.06     |
| Other Oral Cavity and Pharynx                | 2              | 2          | 0              | 0      | 0        | 0        | 0               | 0        | 2      | 0       | 0.06             |
| Digestive System                             |                | ~ -        |                |        | -        | -        |                 |          |        | _       |                  |
| Esophagus                                    | 41             | 35         | 6              | 1      | 2        | 3        | 9               | 15       | 4      | 7       | 1.33             |
| Stomach<br>Small Intestine                   | 22             | 14         | 8              | 0      | 4        | 5        | 2               | 5        | 0      | 6       | 0.71             |
| Colon Excluding Rectum                       | 20<br>183      | 8<br>111   | 12<br>72       | 0<br>2 | 2<br>40  | 4<br>38  | 6<br>44         | 4<br>41  | 2<br>0 | 2<br>18 | 0.65<br>5.91     |
| Large Intestine, NOS                         | 13             | 9          | 4              | 0      | 40       | 3        | 44              | 41<br>6  | 0      | 0       | 0.42             |
| Rectosigmoid Junction                        | 6              | 3          | 3              | 0      | 1        | 0        | 2               | 3        | 0      | 0       | 0.19             |
| Rectum                                       | 42             | 23         | 19             | 0      | 7        | 10       | 19              | 5        | 0      | 1       | 1.36             |
| Anus, Anal Canal, Anorectum                  | 10             | 4          | 6              | 0      | 2        | 2        | 5               | 0        | 0      | 1       | 0.32             |
| Liver  | 29             | 20         | 9              | 0      | 9        | 4        | 5               | 8        | 0      | 3       | 0.94             |
| Gallbladder                                  | 9              | 2          | 7              | 0      | 1        | 3        | 0               | 3        | 0      | 2       | 0.29             |
| Intrahepatic Bile Duct                       | 10             | 7          | 3              | 0      | 3        | 0        | 1               | 3        | 1      | 2       | 0.32             |
| Other Biliary                                | 9              | 3          | 6              | 0      | 0        | 0        | 1               | 1        | 4      | 3       | 0.29             |
| Pancreas                                     | 74             | 43         | 31             | 0      | 8        | 11       | 12              | 39       | 1      | 3       | 2.39             |
| Retroperitoneum                              | 3              | 1          | 2              | 0      | 1        | 0        | 0               | 0        | 2      | 0       | 0.10             |
| Peritoneum, Omentum, Mesentery               | 4              | 0          | 4              | 0      | 0        | 0        | 2               | 0        | 0      | 2       | 0.13             |
| Other Digestive Organs                       | 5              | 3          | 2              | 0      | 0        | 0        | 0               | 0        | 5      | 0       | 0.16             |
| Respiratory System                           |                |            |                |        |          |          |                 |          |        |         |                  |
| Nose, Nasal Cavity, Middle Ear               | 9              | 7          | 2              | 1      | 0        | 1        | 1               | 3        | 3      | 0       | 0.29             |
| Larynx                                       | 33             | 20         | 13             | 2      | 5        | 3        | 9               | 13       | 0      | 1       | 1.07             |
| Lung and Bronchus                            | 474            | 248        | 226            | 1      | 127      | 32       | 89              | 194      | 14     | 17      | 15.32            |
| Trachea                                      | 0              | 0          | 0              | 0      | 0        | 0        | 0               | 0        | 0      | 0       | 0.00             |
| Mediastinum, Other Resp.                     | 0              | 0          | 0              | 0      | 0        | 0        | 0               | 0        | 0      | 0       | 0.00             |
| Bones and Joints                             | 1              | 0          | 1              | 0      | 1        | 0        | 0               | 0        | 0      | 0       | 0.03             |
| Soft Tissue Including Heart                  | 17             | 10         | 7              | 0      | 3        | 0        | 4               | 1        | 7      | 2       | 0.55             |
| Skin   |                |            |                |        |          |          |                 |          |        |         |                  |
| Melanoma                                     | 158            | 92         | 66             | 37     | 51       | 31       | 19              | 4        | 0      | 16      | 5.11             |
| Other Non-Epithelial                         | 2              | 2          | 0              | 0      | 1        | 0        | 0               | 4        | 0      | 10      | 0.06             |
|  |                |            |                |        |          |          |                 |          |        |         |                  |
| Breast                                       | 648            | 6          | 642            | 115    | 355      | 72       | 40              | 39       | 16     | 11      | 20.94            |
| Female Genital System                        |                |            |                |        |          |          |                 |          |        |         |                  |
| Cervix Uteri                                 |                | 17         | 17             | 0      | 6        | 5        | 1               | 3        | 0      | 2       | 0.55             |
| Corpus & Uterus                              |                | 97         | 97             | 0      | 65       | 4        | 16              | 3        | 0      | 9       | 3.14             |
| Ovary  |                | 27         | 27             | 0      | 2        | 1        | 9               | 11       | 0      | 4       | 0.87             |
| Vagina<br>Vulva                              |                | 1          | 1<br>9         | 0<br>0 | 0<br>3   | 0        | 1               | 0        | 0      | 0       | 0.03             |
| Other Female Genital Organs                  |                | 9<br>6     | 9              | 0      | 5<br>0   | 0<br>0   | 2<br>3          | 2<br>0   | 0<br>3 | 2<br>0  | 0.29<br>0.19     |
|  |                | 0          | 0              | 0      | 0        | 0        | 5               | 0        | 5      | 0       | 0.19             |
| Male Genital System                          |                |            |                | _      |          |          |                 |          | -      |         |                  |
| Prostate                                     | 397            | 397        |                | 0      | 43       | 196      | 86              | 50       | 0      | 22      | 12.83            |
| Testis                                       | 12             | 12         |                | 0      | 3        | 1        | 1               | 0        | 1      | 6       | 0.39             |
| Penis  | 2              | 2          |                | 0      | 1        | 0        | 0               | 0        | 0      | 1       | 0.06             |
| Jrinary Sytem                                |                |            |                |        |          |          |                 |          |        |         |                  |
| Urinary Bladder                              | 127            | 100        | 27             | 72     | 26       | 17       | 5               | 6        | 1      | 0       | 4.10             |
| Kidney                                       | 124            | 76         | 48             | 0      | 82       | 12       | 13              | 14       | 2      | 1       | 4.01             |
| Renal Pelvis                                 | 11             | 5          | 6              | 0      | 1        | 2        | 2               | 5        | 0      | 1       | 0.36             |
| Ureter<br>Other Urinary Organs               | 11<br>1        | 8          | 3<br>0         | 2<br>0 | 2<br>0   | 2<br>0   | 3<br>0          | 1<br>0   | 0      | 1       | 0.36             |
| Other Urinary Organs                         | T              | 1          | 0              | 0      | U        | 0        | 0               | 0        | 1      | 0       | 0.03             |
| Brain and CNS                                | _              |            |                |        |          |          |                 |          |        |         |                  |
| Malignant                                    | 23             | 12         | 11             | 0      | 0        | 0        | 0               | 0        | 23     | 0       | 0.74             |
| Cranial Nerves, Other Nervous System         | 1              | 0          | 1              | 0      | 0        | 0        | 0               | 0        | 1      | 0       | 0.03             |
| Endocrine System                             |                |            |                |        |          |          |                 |          |        |         |                  |
| Thyroid                                      | 101            | 22         | 79             | 0      | 85       | 9        | 1               | 2        | 3      | 1       | 3.26             |
| Thymus                                       | 1              | 1          | 0              | 0      | 1        | 0        | 0               | 0        | 0      | 0       | 0.03             |
| Adrenal Gland                                | 2              | 2          | 0              | 0      | 1        | 0        | 0               | 0        | 1      | 0       | 0.06             |
| Lymphoma                                     |                |            |                |        |          |          |                 |          |        |         |                  |
| Hodgkin Lymphoma                             | 12             | 6          | 6              | 0      | 0        | 8        | 3               | 1        | 0      | 0       | 0.39             |
| Non-Hodgkin Lymphoma                         | 102            | 56         | 46             | 0      | 13       | 20       | 22              | 27       | 7      | 13      | 3.30             |
| Myeloma                                      | 31             | 21         | 10             | 0      | 0        | 0        | 0               | 0        | 31     | 0       | 1.00             |
| eukemia                                      |                |            |                |        |          |          |                 |          |        |         |                  |
| Acute Lymphocytic Leukemia                   | 3              | 1          | 2              | 0      | 0        | 0        | 0               | 0        | 3      | 0       | 0.10             |
| Chronic Lymphocytic Leukemia                 | 5              | 3          | 2              | 0      | 1        | 0        | 0               | 4        | 0      | 0       | 0.10             |
| Other Lymphocytic Leukemia                   | 1              | 0          | 1              | 0      | 0        | 0        | 0               | 4<br>0   | 1      | 0       | 0.03             |
| Acute Myeloid Leukemia                       | 15             | 5          | 10             | 0      | 0        | 0        | 0               | 0        | 15     | 0       | 0.48             |
| Acute Monocytic Leukemia                     | 1              | 0          | 1              | 0      | 0        | 0        | 0               | 0        | 1      | 0       | 0.03             |
| Chronic Myeloid Leukemia                     | 2              | 1          | 1              | 0      | 0        | 0        | 0               | 0        | 2      | 0       | 0.06             |
| Other Myeloid-Monocytic Leukemia             | 1              | 0          | 1              | 0      | 0        | 0        | 0               | 0        | 1      | 0       | 0.03             |
| Other Leukemia                               | 2              | 1          | 1              | 0      | 0        | 0        | 0               | 0        | 2      | 0       | 0.06             |
| Kaposi Sarcoma                               | 2              | 2          | 0              | 0      | 0        | 0        | 0               | 0        | 2      | 0       | 0.06             |
|  | -              | -          | Ū              | v      | Ū        | v        | v               | Ū        | -      | 0       | 0.00             |
| Miccollanceus                                | 47             | 22         | 20             | •      | •        | -        | •               | ~        | 20     | 4       |                  |
| Miscellaneous<br>Totals                      | 43             | 23<br>1484 | 20             | 0      | 0<br>982 | 2<br>511 | 0<br>450        | 2<br>541 | 38     | 1       | 1.39             |

## Atrium Medical Center

## Site Summary Table for New Cases 2020

| SITE   | GENDER AJCC STAGE GROUP |         |         |        |         |         |         |        |               |         |                    |
|--|-------------------------|---------|---------|--------|---------|---------|---------|--------|---------------|---------|--------------------|
| SITE   | Total<br>Cases          |         | Female  | 0      | I.      | II      | III     | IV     | P<br>None N/A | Unknown | % of<br>Occurrence |
| Head and Neck  |                         |         |         |        |         |         |         |        |               |         |                    |
| Lip  | 0                       | 0       | 0       | 0      | 0       | 0       | 0       | 0      | 0             | 0       | 0.00               |
| Tongue   | 12                      | 10      | 2       | 2      | 2       | 2       | 4       | 2      | 0             | 0       | 2.56               |
| Salivary Gland   | 1<br>2                  | 1<br>2  | 0       | 0<br>0 | 1<br>0  | 0<br>0  | 0       | 0      | 0<br>0        | 0       | 0.21<br>0.43       |
| Floor of Mouth/Gum/Other Mouth<br>Tonsil                   | 2<br>4                  | 2       | 0<br>1  | 0      | 2       | 1       | 1<br>0  | 1<br>1 | 0             | 0<br>0  | 0.43               |
| Nasopharynx  | 0                       | 0       | 0       | 0      | 0       | 0       | 0       | 0      | 0             | 0       | 0.00               |
| Oropharynx   | 3                       | 3       | 0       | 0      | 0       | 1       | 0       | 2      | 0             | 0       | 0.64               |
| Hypopharynx  | 0                       | 0       | 0       | 0      | 0       | 0       | 0       | 0      | 0             | 0       | 0.00               |
| Other Oral Cavity and Pharynx                              | 0                       | 0       | 0       | 0      | 0       | 0       | 0       | 0      | 0             | 0       | 0.00               |
| Digestive System   |                         |         |         |        |         |         |         |        |               |         |                    |
| Esophagus  | 5                       | 3       | 2       | 0      | 0       | 0       | 2       | 2      | 1             | 0       | 1.07               |
| Stomach  | 3                       | 1       | 2       | 0      | 0       | 1       | 1       | 0      | 0             | 1       | 0.64               |
| Small Intestine<br>Colon Excluding Rectum                  | 0<br>40                 | 0<br>25 | 0<br>15 | 0<br>0 | 0<br>10 | 0<br>9  | 0<br>11 | 0<br>7 | 0<br>0        | 0<br>3  | 0.00<br>8.53       |
| Rectosigmoid Junction                                      | 30                      | 21      | 9       | 0      | 7       | 7       | 7       | 6      | 0             | 3       | 6.40               |
| Rectum   | 2                       | 0       | 2       | 0      | 0       | 0       | 1       | 1      | 0             | 0       | 0.43               |
| Anus, Anal Canal, Anorectum                                | 5                       | 1       | 4       | 0      | 2       | 2       | 1       | 0      | 0             | 0       | 1.07               |
| Liver  | 3                       | 3       | 0       | 0      | 1       | 0       | 2       | 0      | 0             | 0       | 0.64               |
| Gallbladder  | 5                       | 2       | 3       | 0      | 2       | 0       | 0       | 1      | 0             | 2       | 1.07               |
| Intrahepatic Bile Duct                                     | 3                       | 1       | 2       | 0      | 2<br>0  | 0       | 0       | 1      | 0             | 0       | 0.64<br>0.21       |
| Other Biliary<br>Pancreas                                  | 1<br>1                  | 0<br>1  | 1<br>0  | 0<br>0 | 0       | 0<br>0  | 0<br>0  | 0<br>0 | 0<br>0        | 1<br>1  | 0.21               |
| Retroperitoneum  | 0                       | 0       | 0       | 0      | 0       | 0       | 0       | 0      | 0             | 0       | 0.00               |
| Peritoneum, Omentum, Mesentery                             | 10                      | 6       | 4       | 0      | 0       | 1       | 1       | 7      | 0             | 1       | 2.13               |
| Other Digestive Organs                                     | 0                       | 0       | 0       | 0      | 0       | 0       | 0       | 0      | 0             | 0       | 0.00               |
| Respiratory System   |                         |         |         |        |         |         |         |        |               |         |                    |
| Nose, Nasal Cavity, Middle Ear                             | 1                       | 1       | 0       | 0      | 0       | 0       | 0       | 1      | 0             | 0       | 0.21               |
| Larynx   | 8                       | 6       | 2       | 1      | 2       | 0       | 1       | 4      | 0             | 0       | 1.71               |
| Lung and Bronchus  | 0                       | 0       | 0       | 0      | 0       | 0       | 0       | 0      | 0             | 0       | 0.00               |
| Trachea  | 90                      | 47      | 43      | 0      | 34      | 6       | 20      | 27     | 0             | 3       | 19.19              |
| Mediastinum, Other Resp.                                   | 0                       | 0       | 0       | 0      | 0       | 0       | 0       | 0      | 0             | 0       | 0.00               |
| Bones and Joints   | 0                       | 0       | 0       | 0      | 0       | 0       | 0       | 0      | 0             | 0       | 0.00               |
| Soft Tissue Including Heart                                | 5                       | 3       | 2       | 0      | 0       | 0       | 0       | 0      | 5             | 0       | 1.07               |
| Skin   |                         |         |         |        |         |         |         |        |               |         |                    |
| Melanoma   | 12                      | 8       | 4       | 3      | 1       | 5       | 3       | 0      | 0             | 0       | 2.56               |
| Other Non-Epithelial                                       | 0                       | 0       | 0       | 0      | 0       | 0       | 0       | 0      | 0             | 0       | 0.00               |
| Breast   | 101                     | 0       | 101     | 10     | 59      | 12      | 7       | 8      | 4             | 1       | 21.54              |
| Female Genital System                                      |                         |         |         |        |         |         |         |        |               |         |                    |
| Cervix Uteri   | 13                      |         | 13      | 0      | 5       | 1       | 4       | 3      | 0             | 0       | 2.77               |
| Corpus & Uterus  | 2                       |         | 2       | 0      | 0       | 1       | 1       | 0      | 0             | 0       | 0.43               |
| Ovary  | 8                       |         | 8       | 0      | 5       | 0       | 3       | 0      | 0             | 0       | 1.71               |
| Vagina   | 3                       |         | 3       | 0      | 0       | 0       | 0       | 3      | 0             | 0       | 0.64               |
| Vulva<br>Other Female Conital Organs                       | 0<br>0                  |         | 0<br>0  | 0<br>0 | 0<br>0  | 0<br>0  | 0<br>0  | 0<br>0 | 0<br>0        | 0<br>0  | 0.00               |
| Other Female Genital Organs                                | 0                       |         | 0       | 0      | 0       | 0       | 0       | 0      | 0             | 0       | 0.00               |
| Male Genital System  | 47                      | 47      |         | 0      | 10      | 10      |         |        | 0             | 2       | 10.00              |
| Prostate<br>Testis   | 47<br>1                 | 47<br>1 |         | 0<br>0 | 10<br>0 | 19<br>0 | 11<br>0 | 4<br>0 | 0<br>0        | 3<br>1  | 10.02<br>0.21      |
| Penis  | 0                       | 0       |         | 0      | 0       | 0       | 0       | 0      | 0             | 0       | 0.21               |
|  | Ū                       | Ū       |         | Ū      | Ū       | Ū       | 0       | Ū      | Ū             | 0       | 0.00               |
| Urinary Sytem<br>Urinary Bladder                           | 9                       | 8       | 1       | 2      | 3       | 1       | 1       | 2      | 0             | 0       | 1.92               |
| Kidney   | 22                      | 13      | 9       | 0      | 16      | 3       | 2       | 1      | 0             | 0       | 4.69               |
| Renal Pelvis   | 2                       | 2       | 0       | 0      | 0       | 1       | 1       | 0      | 0             | 0       | 0.43               |
| Ureter   | 2                       | 2       | 0       | 0      | 0       | 1       | 0       | 0      | 0             | 1       | 0.43               |
| Other Urinary Organs                                       | 1                       | 1       | 0       | 0      | 0       | 0       | 0       | 0      | 1             | 0       | 0.21               |
| Brain and CNS  |                         |         |         |        |         |         |         |        |               |         |                    |
| Malignant  | 4                       | 3       | 1       | 0      | 0       | 0       | 0       | 0      | 4             | 0       | 0.85               |
| Cranial Nerves, Other Nervous System                       | 0                       | 0       | 0       | 0      | 0       | 0       | 0       | 0      | 0             | 0       | 0                  |
| Endocrine System   |                         |         |         |        |         |         |         |        |               |         |                    |
| Thyroid  | 18                      | 3       | 15      | 0      | 12      | 3       | 1       | 0      | 2             | 0       | 3.84               |
| Thymus   | 1                       | 1       | 0       | 0      | 1       | 0       | 0       | 0      | 0             | 0       | 0.21               |
| Adrenal Gland  | 1                       | 1       | 0       | 0      | 1       | 0       | 0       | 0      | 0             | 0       | 0.21               |
| Lymphoma   |                         |         |         |        |         |         |         |        |               |         |                    |
| Hodgkin Lymphoma   | 2                       | 2       | 0       | 0      | 0       | 1       | 0       | 1      | 0             | 0       | 0.43               |
| Non-Hodgkin Lymphoma                                       | 21                      | 11      | 10      | 0      | 4       | 3       | 4       | 6      | 2             | 2       | 4.48               |
| Myeloma  | 7                       | 5       | 2       | 0      | 0       | 0       | 0       | 0      | 7             | 0       | 1.49               |
| Leukemia   |                         |         |         |        |         |         |         |        |               |         |                    |
| Acute Lymphocytic Leukemia                                 | 0                       | 0       | 0       | 0      | 0       | 0       | 0       | 0      | 0             | 0       | 0.00               |
| Chronic Lymphocytic Leukemia                               | 2                       | 2       | 0       | 0      | 0       | 0       | 0       | 2      | 0             | 0       | 0.43               |
| Other Lymphocytic Leukemia                                 | 0                       | 0       | 0       | 0      | 0       | 0       | 0       | 0      | 0             | 0       | 0.00               |
| Acute Myeloid Leukemia                                     | 7                       | 3       | 4       | 0      | 0       | 0       | 0       | 0      | 7             | 0       | 1.49               |
| Acute Monocytic Leukemia<br>Chronic Myeloid Leukemia       | 1<br>0                  | 0<br>0  | 1<br>0  | 0<br>0 | 0<br>0  | 0<br>0  | 0<br>0  | 0<br>0 | 1<br>0        | 0<br>0  | 0.21<br>0.00       |
| Other Myeloid Leukemia<br>Other Myeloid-Monocytic Leukemia | 0                       | 0       | 0       | 0      | 0       | 0       | 0       | 0      | 0             | 0       | 0.00               |
| Other Leukemia   | 0                       | 0       | 0       | 0      | 0       | 0       | 0       | 0      | 0             | 0       | 0.00               |
|  | 0                       |         |         |        | 0       |         |         |        | 0             |         |                    |
| Kaposi Sarcoma   |                         | 0       | 0       | 0      |         | 0       | 0       | 0      |               | 0       | 0.00               |
| Miscellaneous  | 4                       | 3       | 1       | 0      | 0       | 0       | 0       | 0      | 4             | 0       | 0.85               |
| Totals   | 469                     | 230     | 239     | 18     | 165     | 71      | 76      | 82     | 39            | 18      | 100%               |
|  |                         |         |         |        |         |         |         |        |               |         |                    |

# Miami Valley Hospital Site Summary Table for New Cases 2020

| SITE   | GENDER AJCC STAGE GROUP |          |          |        |         |          |         |         |        |         |                    |
|--|-------------------------|----------|----------|--------|---------|----------|---------|---------|--------|---------|--------------------|
| ŚITE   | Total<br>Cases          |          | Female   | 0      | T       | AJ<br>II |         | IV      |        | Unknown | % of<br>Occurrence |
| Head and Neck  |                         |          |          |        |         |          |         |         |        |         |                    |
| Lip  | 1                       | 1        | 0        | 0      | 0       | 0        | 0       | 0       | 1      | 0       | 0.04               |
| Tongue   | 25                      | 13       | 12       | 0      | 5       | 4        | 5       | 9       | 1      | 1       | 1.04               |
| Salivary Gland<br>Floor of Mouth/Gum/Other Mouth             | 8<br>11                 | 3<br>6   | 5<br>5   | 0<br>0 | 3<br>3  | 0<br>0   | 0<br>1  | 4<br>6  | 0<br>1 | 1<br>0  | 0.33<br>0.17       |
| Tonsil   | 17                      | 13       | 4        | 0      | 5       | 4        | 1       | 2       | 1<br>2 | 1       | 0.17               |
| Nasopharynx  | 1                       | 1        | 0        | 0      | 0       | 0        | 0       | 1       | 0      | 0       | 0.04               |
| Oropharynx   | 7                       | 6        | 1        | 0      | 1       | 2        | 1       | 2       | 1      | 0       | 0.29               |
| Hypopharynx  | 2                       | 2        | 0        | 0      | 0       | 0        | 0       | 0       | 1      | 1       | 0.08               |
| Other Oral Cavity and Pharynx                                | 1                       | 1        | 0        | 0      | 0       | 0        | 0       | 0       | 1      | 0       | 0.04               |
| Digestive System   |                         |          |          |        |         |          |         |         |        |         |                    |
| Esophagus  | 29                      | 25       | 4        | 1      | 1       | 3        | 4       | 11      | 3      | 6       | 1.21               |
| Stomach<br>Small Intestine                                   | 16                      | 12       | 4        | 0      | 4       | 4        | 1       | 4       | 0      | 3       | 0.67               |
| Colon Excluding Rectum                                       | 19<br>131               | 8<br>75  | 11<br>56 | 0<br>2 | 1<br>30 | 4<br>25  | 6<br>31 | 4<br>31 | 2<br>0 | 2<br>12 | 0.79<br>5.47       |
| Rectosigmoid Junction  | 5                       | 3        | 2        | 0      | 1       | 0        | 2       | 2       | 0      | 0       | 0.21               |
| Rectum   | 31                      | 19       | 12       | 0      | 4       | 7        | 16      | 4       | 0      | 0       | 1.30               |
| Anus, Anal Canal, Anorectum                                  | 7                       | 1        | 6        | 0      | 1       | 2        | 3       | 0       | 0      | 1       | 0.29               |
| Liver  | 25                      | 17       | 8        | 0      | 8       | 4        | 5       | 6       | 0      | 2       | 1.04               |
| Gallbladder  | 6                       | 2        | 4        | 0      | 1       | 2        | 0       | 2       | 0      | 1       | 0.25               |
| Intrahepatic Bile Duct                                       | 9                       | 6        | 3        | 0      | 3       | 0        | 1       | 3       | 1      | 1       | 0.38               |
| Other Biliary<br>Pancreas                                    | 9<br>56                 | 3<br>33  | 6<br>23  | 0<br>0 | 0<br>8  | 0<br>10  | 1<br>10 | 1<br>24 | 4<br>1 | 3<br>3  | 0.38<br>2.34       |
| Retroperitoneum  | 3                       | 1        | 23       | 0      | 1       | 0        | 0       | 0       | 2      | 0       | 0.13               |
| Peritoneum, Omentum, Mesentery                               | 3                       | 0        | 3        | 0      | 0       | 0        | 1       | 0       | 0      | 2       | 0.13               |
| Other Digestive Organs                                       | 4                       | 2        | 2        | 0      | 0       | 0        | 0       | 0       | 4      | 0       | 0.17               |
| Respiratory System   |                         |          |          |        |         |          |         |         |        |         |                    |
| Nose, Nasal Cavity, Middle Ear                               | 5                       | 5        | 0        | 0      | 0       | 1        | 0       | 1       | 3      | 0       | 0.21               |
| Larynx   | 25                      | 12       | 13       | 1      | 4       | 3        | 5       | 11      | 0      | 1       | 1.04               |
| Lung and Bronchus  | 344                     | 177      | 167      | 1      | 88      | 26       | 62      | 147     | 12     | 8       | 14.38              |
| Trachea  | 0                       | 0        | 0        | 0      | 0       | 0        | 0       | 0       | 0      | 0       | 0.00               |
| Mediastinum, Other Resp.                                     | 0                       | 0        | 0        | 0      | 0       | 0        | 0       | 0       | 0      | 0       | 0.00               |
| Bones and Joints   | 1                       | 0        | 1        | 0      | 1       | 0        | 0       | 0       | 0      | 0       | 0.04               |
| Soft Tissue Including Heart                                  | 14                      | 9        | 5        | 0      | 3       | 0        | 4       | 1       | 4      | 2       | 0.59               |
| Skin   |                         |          |          |        |         |          |         |         |        |         |                    |
| Melanoma   | 143                     | 83       | 60       | 33     | 50      | 25       | 16      | 3       | 0      | 16      | 5.98               |
| Other Non-Epithelial   | 2                       | 2        | 0        | 0      | 1       | 0        | 0       | 0       | 0      | 1       | 0.08               |
| Breast   | 498                     | 6        | 492      | 96     | 272     | 56       | 31      | 25      | 12     | 6       | 20.81              |
| Female Genital System  |                         |          |          |        |         |          |         |         |        |         |                    |
| Cervix Uteri   | 14                      |          | 14       | 0      | 6       | 4        | 0       | 3       | 0      | 1       | 0.59               |
| Corpus & Uterus  | 89                      |          | 89       | 0      | 59      | 4        | 15      | 2       | 0      | 9       | 3.72               |
| Ovary  | 24                      |          | 24       | 0      | 2       | 1        | 9       | 8       | 0      | 4       | 1.00               |
| Vagina   | 1                       |          | 1        | 0      | 0       | 0        | 1       | 0       | 0      | 0       | 0.04               |
| Vulva<br>Other Female Conital Organs                         | 9<br>6                  |          | 9<br>6   | 0<br>0 | 3<br>0  | 0<br>0   | 2<br>3  | 2<br>0  | 0<br>3 | 2<br>0  | 0.38<br>0.25       |
| Other Female Genital Organs                                  | 0                       |          | 0        | 0      | 0       | 0        | 5       | 0       | 2      | 0       | 0.25               |
| Male Genital System  | 226                     | 226      |          | 0      | 10      | 170      | 74      | 45      | 0      | 10      | 12.62              |
| Prostate<br>Testis   | 326<br>9                | 326<br>9 |          | 0<br>0 | 19<br>1 | 172<br>1 | 71<br>1 | 45<br>0 | 0<br>1 | 19<br>5 | 13.62<br>0.38      |
| Penis  | 2                       | 2        |          | 0      | 1       | 0        | 0       | 0       | 0      | 1       | 0.08               |
|  | -                       | -        |          | 0      | -       | Ū        | 0       |         | Ū      | -       | 0.00               |
| Urinary Sytem<br>Urinary Bladder                             | 97                      | 78       | 19       | 55     | 21      | 14       | 4       | 2       | 1      | 0       | 4.05               |
| Kidney   | 95                      | 59       | 36       | 0      | 60      | 9        | 4<br>11 | 12      | 2      | 1       | 3.97               |
| Renal Pelvis   | 9                       | 3        | 6        | 0      | 1       | 1        | 1       | 5       | 0      | 1       | 0.38               |
| Ureter   | 9                       | 6        | 3        | 2      | 2       | 1        | 3       | 1       | 0      | 0       | 0.38               |
| Other Urinary Organs   | 0                       | 0        | 0        | 0      | 0       | 0        | 0       | 0       | 0      | 0       | 0.00               |
| Brain and CNS  |                         |          |          |        |         |          |         |         |        |         |                    |
| Malignant  | 21                      | 12       | 9        | 0      | 0       | 0        | 0       | 0       | 21     | 0       | 0.88               |
| Cranial Nerves, Other Nervous System                         | 1                       | 0        | 1        | 0      | 0       | 0        | 0       | 0       | 1      | 0       | 0.04               |
| Endocrine System   |                         |          |          |        |         |          |         |         |        |         |                    |
| Thyroid  | 73                      | 16       | 57       | 0      | 63      | 6        | 0       | 2       | 1      | 1       | 3.05               |
| Thymus   | 0                       | 0        | 0        | 0      | 0       | 0        | 0       | 0       | 0      | 0       | 0.00               |
| Adrenal Gland  | 1                       | 1        | 0        | 0      | 0       | 0        | 0       | 0       | 1      | 0       | 0.04               |
| Lymphoma   |                         |          |          |        |         |          |         |         |        |         |                    |
| Hodgkin Lymphoma   | 9                       | 4        | 5        | 0      | 0       | 6        | 3       | 0       | 0      | 0       | 0.38               |
| Non-Hodgkin Lymphoma   | 66                      | 39       | 27       | 0      | 6       | 16       | 15      | 19      | 5      | 5       | 2.76               |
| Myeloma  | 21                      | 14       | 7        | 0      | 0       | 0        | 0       | 0       | 21     | 0       | 0.88               |
| Leukemia   |                         |          |          |        |         |          |         |         |        |         |                    |
| Acute Lymphocytic Leukemia                                   | 3                       | 1        | 2        | 0      | 0       | 0        | 0       | 0       | 3      | 0       | 0.13               |
| Chronic Lymphocytic Leukemia                                 | 3                       | 1        | 2        | 0      | 1       | 0        | 0       | 2       | 0      | 0       | 0.13               |
| Other Lymphocytic Leukemia                                   | 1                       | 0        | 1        | 0      | 0       | 0        | 0       | 0       | 1      | 0       | 0.04               |
| Acute Myeloid Leukemia                                       | 7                       | 2        | 5        | 0      | 0       | 0        | 0       | 0       | 7      | 0       | 0.29               |
| Acute Monocytic Leukemia                                     | 0                       | 0        | 0        | 0      | 0       | 0        | 0       | 0       | 0      | 0       | 0.00               |
| Chronic Myeloid Leukemia<br>Other Myeloid-Monocytic Leukemia | 2<br>1                  | 1<br>0   | 1<br>1   | 0<br>0 | 0<br>0  | 0<br>0   | 0<br>0  | 0<br>0  | 2<br>1 | 0<br>0  | 0.08<br>0.04       |
| Other Leukemia   | 2                       | 1        | 1        | 0      | 0       | 0        | 0       | 0       | 1<br>2 | 0       | 0.04               |
|  |                         |          |          | 0      | 0       |          |         |         |        |         |                    |
| Kaposi Sarcoma   | 2                       | 2        | 0        |        |         | 0        | 0       | 0       | 2      | 0       | 0.08               |
| Miscellaneous  | 32                      | 14       | 18       | 0      | 0       | 0        | 0       | 2       | 30     | 0       | 1.34               |
| Totals   | 2393                    | 1138     | 1255     | 191    | 746     | 417      | 346     | 409     | 161    | 123     | 100%               |
|  |                         |          |          |        |         |          |         |         |        |         |                    |

# Upper Valley Medical Center Site Summary Table for New Cases 2020

| SITE   | GENDER AJCC STAGE GROUP |          |          |         |          |         |         |         |         |         |                    |  |
|--|-------------------------|----------|----------|---------|----------|---------|---------|---------|---------|---------|--------------------|--|
|  | Total<br>Cases          |          | Female   | 0       | I.       | IJ      | III     | IV      |         | Unknown | % of<br>Occurrence |  |
| Head and Neck  |                         |          |          |         |          |         |         |         |         |         |                    |  |
| Tongue Lip   | 1                       | 1        | 0        | 0       | 1        | 0       | 0       | 0       | 0       | 0       | 0.30               |  |
| Tongue<br>Calinaria Claud                                | 4                       | 2        | 2        | 0       | 1        | 0       | 0       | 3       | 0       | 0       | 1.18               |  |
| Salivary Gland<br>Floor of Mouth/Gum/Other Mouth         | 1<br>0                  | 0<br>0   | 1<br>0   | 0<br>0  | 0<br>0   | 0<br>0  | 0<br>0  | 0<br>0  | 1<br>0  | 0       | 0.30<br>0.00       |  |
| Tonsil   | 2                       | 2        | 0        | 0       | 1        | 1       | 0       | 0       | 0       | 0       | 0.00               |  |
| Nasopharynx  | 1                       | 1        | 0        | 0       | 0        | 0       | 1       | 0       | 0       | 0       | 0.30               |  |
| Oropharynx   | 2                       | 1        | 1        | 0       | 0        | 0       | 0       | 1       | 1       | 0       | 0.59               |  |
| Hypopharynx  | 1                       | 1        | 0        | 0       | 0        | 0       | 0       | 1       | 0       | 0       | 0.30               |  |
| Other Oral Cavity and Pharynx                            | 1                       | 1        | 0        | 0       | 0        | 0       | 0       | 0       | 1       | 0       | 0.30               |  |
| Digestive System   |                         |          |          |         |          |         |         |         |         |         |                    |  |
| Esophagus  | 8                       | 8        | 0        | 0       | 1        | 1       | 3       | 2       | 0       | 1       | 2.37               |  |
| Stomach  | 4                       | 2        | 2        | 0       | 0        | 1       | 0       | 1       | 0       | 2       | 1.18               |  |
| Small Intestine<br>Colon Excluding Rectum                | 2<br>25                 | 1<br>16  | 1<br>9   | 0<br>0  | 1<br>4   | 0<br>7  | 0<br>6  | 0<br>5  | 1<br>0  | 0<br>3  | 0.59<br>7.40       |  |
| Rectosigmoid Junction                                    | 25                      | 0        | 9        | 0       | 4        | 0       | 0       | 0       | 0       | 0       | 0.00               |  |
| Rectum   | 7                       | 3        | 4        | 0       | 1        | 2       | 2       | 1       | 0       | 1       | 2.07               |  |
| Anus, Anal Canal, Anorectum                              | 0                       | 0        | 0        | 0       | 0        | 0       | 0       | 0       | 0       | 0       | 0.00               |  |
| Liver  | 4                       | 2        | 2        | 0       | 0        | 1       | 0       | 2       | 0       | 1       | 1.18               |  |
| Gallbladder  | 2                       | 2        | 0        | 0       | 0        | 0       | 0       | 1       | 0       | 1       | 0.59               |  |
| Intrahepatic Bile Duct                                   | 2                       | 0        | 2        | 0       | 0        | 1       | 0       | 1       | 0       | 0       | 0.59               |  |
| Other Biliary  | 0                       | 0        | 0        | 0       | 0        | 0       | 0       | 0       | 0       | 0       | 0.00               |  |
| Pancreas   | 0                       | 0        | 0        | 0       | 0        | 0       | 0       | 0       | 0       | 0       | 0.00               |  |
| Retroperitoneum  | 9                       | 5        | 4        | 0       | 0        | 0       | 1       | 8       | 0       | 0       | 2.66               |  |
| Peritoneum, Omentum, Mesentery<br>Other Digestive Organs | 0<br>0                  | 0<br>0   | 0<br>0   | 0<br>0  | 0<br>0   | 0<br>0  | 0<br>0  | 0<br>0  | 0<br>0  | 0<br>0  | 0.00<br>0.00       |  |
|  | 0                       | 0        | 0        | U       | U        | 0       | 0       | 0       | 0       | U       | 0.00               |  |
| Respiratory System                                       | л                       | 2        | 2        | 1       | 0        | 0       | 1       | 2       | 0       | 0       | 1 1 0              |  |
| Nose, Nasal Cavity, Middle Ear<br>Larynx                 | 4<br>3                  | 2<br>3   | 2<br>0   | 1<br>0  | 0<br>0   | 0<br>0  | 1<br>3  | 2<br>0  | 0<br>0  | 0<br>0  | 1.18<br>0.89       |  |
| Larynx<br>Lung and Bronchus                              | 5<br>0                  | 5<br>0   | 0        | 0       | 0        | 0       | 5<br>0  | 0       | 0       | 0       | 0.89               |  |
| Trachea  | 56                      | 31       | 25       | 0       | 12       | 2       | 11      | 22      | 3       | 6       | 16.57              |  |
| Mediastinum, Other Resp.                                 | 0                       | 0        | 0        | 0       | 0        | 0       | 0       | 0       | 0       | 0       | 0.00               |  |
| Bones and Joints   | 0                       | 0        | 0        | 0       | 0        | 0       | 0       | 0       | 0       | 0       | 0.00               |  |
| Soft Tissue Including Heart                              | 1                       | 0        | 1        | 0       | 0        | 0       | 0       | 0       | 1       | 0       | 0.30               |  |
| Skin   | _                       | -        |          | -       | -        | -       | -       | -       |         | -       |                    |  |
| Melanoma   | 3                       | 1        | 2        | 1       | 0        | 1       | 0       | 1       | 0       | 0       | 0.89               |  |
| Other Non-Epithelial                                     | 0                       | 0        | 0        | 0       | 0        | 0       | 0       | 0       | 0       | 0       | 0.00               |  |
| Breast   | 81                      | 0        | 81       | 13      | 45       | 9       | 4       | 6       | 0       | 4       | 23.96              |  |
|  | 01                      | Ű        | 01       | 15      |          | -       | -       | Ŭ       | Ŭ       | -       | 25.50              |  |
| Female Genital System<br>Cervix Uteri                    | 1                       |          | 1        | 0       | 0        | 0       | 0       | 0       | 0       | 1       | 0.20               |  |
| Corpus & Uterus  | 1<br>11                 |          | 1<br>11  | 0<br>0  | 0<br>9   | 0<br>0  | 0<br>1  | 0<br>1  | 0<br>0  | 1<br>0  | 0.30<br>3.25       |  |
| Ovary  | 2                       |          | 2        | 0       | 0        | 0       | 0       | 2       | 0       | 0       | 0.59               |  |
| Vagina   | 0                       |          | 0        | 0       | 0        | 0       | 0       | 0       | 0       | 0       | 0.00               |  |
| Vulva  | 2                       |          | 2        | 0       | 0        | 0       | 1       | 1       | 0       | 0       | 0.59               |  |
| Other Female Genital Organs                              | 0                       |          | 0        | 0       | 0        | 0       | 0       | 0       | 0       | 0       | 0.00               |  |
| Male Genital System                                      |                         |          |          |         |          |         |         |         |         |         |                    |  |
| Prostate   | 28                      | 28       |          | 0       | 14       | 7       | 5       | 2       | 0       | 0       | 8.28               |  |
| Testis   | 2                       | 2        |          | 0       | 2        | 0       | 0       | 0       | 0       | 0       | 0.59               |  |
| Penis  | 0                       | 0        |          | 0       | 0        | 0       | 0       | 0       | 0       | 0       | 0.00               |  |
| Urinary Sytem  |                         |          |          |         |          |         |         |         |         |         |                    |  |
| Urinary Bladder  | 21                      | 14       | 7        | 15      | 2        | 2       | 0       | 2       | 0       | 0       | 6.21               |  |
| Kidney   | 8                       | 4        | 4        | 0       | 7        | 0       | 0       | 1       | 0       | 0       | 2.37               |  |
| Renal Pelvis   | 0                       | 0        | 0        | 0       | 0        | 0       | 0       | 0       | 0       | 0       | 0.00               |  |
| Ureter<br>Other Urinary Organs                           | 1                       | 1        | 0        | 0       | 0<br>0   | 0       | 1       | 0       | 0       | 0       | 0.30               |  |
| Other Urinary Organs                                     | 0                       | 0        | 0        | 0       | 0        | 0       | 0       | 0       | 0       | 0       | 0.00               |  |
| Brain and CNS<br>Malignant                               | 1                       | 0        | 1        | 0       | 0        | 0       | 0       | 0       | 1       | 0       | 0.20               |  |
| Malignant<br>Cranial Nerves, Other Nervous System        | 1<br>1 0                | 0<br>0   | 1<br>0   | 0<br>0  | 0<br>0   | 0<br>0  | 0<br>0  | 0<br>0  | 1<br>0  | 0<br>0  | 0.30<br>0.00       |  |
|  | i U                     | U        | U        | U       | U        | U       | U       | U       | U       | U       | 0.00               |  |
| Endocrine System   | 11                      | 2        | 0        | 0       | 11       | 0       | 0       | 0       | 0       | 0       | 2.25               |  |
| Thyroid<br>Thymus  | 11<br>0                 | 3<br>0   | 8<br>0   | 0<br>0  | 11<br>0  | 0<br>0  | 0<br>0  | 0<br>0  | 0<br>0  | 0<br>0  | 3.25<br>0.00       |  |
| Adrenal Gland  | 0                       | 0        | 0        | 0       | 0        | 0       | 0       | 0       | 0       | 0       | 0.00               |  |
| Lymphoma   | v                       | J        | Ŭ        | v       | Ū        | Ū       | Ū       | 0       | Ŭ       | Ŭ       | 0.00               |  |
| L <b>ympnoma</b><br>Hodgkin Lymphoma                     | 1                       | 0        | 1        | 0       | 0        | 1       | 0       | 0       | 0       | 0       | 0.30               |  |
| Non-Hodgkin Lymphoma                                     | 1<br>17                 | 7        | 10       | 0       | 3        | 1       | 3       | 2       | 1       | 0<br>7  | 5.03               |  |
|  |                         |          |          |         |          |         |         |         |         |         |                    |  |
| Myeloma  | 4                       | 3        | 1        | 0       | 0        | 0       | 0       | 0       | 4       | 0       | 1.18               |  |
| eukemia  | -                       | -        | ~        | ~       | ~        | ~       | ~       | -       | ~       | -       | <b>-</b>           |  |
| Acute Lymphocytic Leukemia                               | 0                       | 0        | 0        | 0       | 0        | 0       | 0       | 0       | 0       | 0       | 0.00               |  |
| Chronic Lymphocytic Leukemia                             | 0                       | 0        | 0        | 0       | 0        | 0       | 0       | 0       | 0       | 0       | 0.00               |  |
| Other Lymphocytic Leukemia                               | 0                       | 0        | 0        | 0       | 0        | 0       | 0       | 0       | 0       | 0       | 0.00               |  |
| Acute Myeloid Leukemia<br>Acute Monocytic Leukemia       | 1<br>0                  | 0<br>0   | 1<br>0   | 0<br>0  | 0<br>0   | 0<br>0  | 0<br>0  | 0<br>0  | 1<br>0  | 0<br>0  | 0.30<br>0.00       |  |
| Chronic Myeloid Leukemia                                 | 0                       | 0        | 0        | 0       | 0        | 0       | 0       | 0       | 0       | 0       | 0.00               |  |
| Other Myeloid-Monocytic Leukemia                         | 0                       | 0        | 0        | 0       | 0        | 0       | 0       | 0       | 0       | 0       | 0.00               |  |
| Other Leukemia   | 0                       | 0        | 0        | 0       | 0        | 0       | 0       | 0       | 0       | 0       | 0.00               |  |
| Kaposi Sarcoma   | 0                       | 0        | 0        | 0       | 0        | 0       | 0       | 0       | 0       | 0       | 0.00               |  |
|  | v                       |          |          | v       | Ū        | v       | v       |         | Ū       | ·       | 0.00               |  |
| Miscellanceus  | 7                       | ~        | 4        | ^       | •        | 2       | ^       | ~       | 4       | -       | 2.07               |  |
| Miscellaneous<br>Totals                                  | 7<br>338                | 6<br>151 | 1<br>187 | 0<br>30 | 0<br>115 | 2<br>38 | 0<br>43 | 0<br>66 | 4<br>19 | 1<br>27 | 2.07<br>100%       |  |

## 2022 Oncology Institute Membership

#### **PHYSICIANS**

James Ouellette, DO Clinical Director Service Line

Michael Guy, MD Gynecological Oncology

Thomas Heck, MD General Surgeon

Melissa Roelle,MD General Surgeon

Selyne Samuel, MD Breast Surgical Oncology

Sameep Kadakia, MD Head and Neck Oncology/Reconstruction

Joseph See, MD Hematology and Oncology

Tarek Sabagh, MD Hematology and Oncology

Sana Jeffreys, MD Hematology and Oncology (Alternate)

**Pyrush Patel, MD** Hematology and Oncology (Alternate)

Zach Simmons, MD General Surgery

Dan Taylor, MD General Surgery Jose Rodriguez, MD Medical Director Thoracic Surgery

Atef Shrit, MD Pathology Chair of CompuNet Clinical Lab

Erik Weise, MD Urological Surgeon

Ania Pollack, MD Neurological Oncology Surgeon

Dan Palomino, MD Radiologists

Ryan Steinmetz, MD Radiation Oncologist

#### **Administration**

**Lori Scalise**, System Director, Service Line Strategy Oncology

Amanda Musser, System Director, Hospital Operations Outpatient Oncology

Emily Townsend, Manager Oncology / MD Anderson Liaison

**Diane Pleiman**, President Premier Physician Network and Oncology Service Line

## **Cancer Committees**

## **ATRIUM MEDICAL CENTER**

Heather Adkins, MD Surgery

Ravi Cherukuri, MD Radiology

Pavani Dantala, MD Hospitalist

**Baojin Fu, MD** Pathology designated alternate

Kenneth Jiang, MD Hospitalist

Sameep Kadakia, MD Surgery designated alternate

Nkeiruka Okoye, MD Medical Oncology

Alan Prok, MD Pathology

Radhika Rajsheker, MD Medical Oncology designated alternate

**Barry Robertson, MD** Primary Care Physician

**Ryan D. Steinmetz, MD** Radiation Oncology, Cancer Committee Chair, CLP

John Weske, MD Radiology designated alternate

Andrea Anderson Atrium's American Cancer Society Partner – Account Representative / Hospital Systems / Dayton Market J. Logan Beeman, BSN, RN Nurse Manager – Medical Oncology MedSurg Unit Quality Improvement Coordinator

Lisa Boster, RHIT, CTR Cancer Registry, Cancer Registry Quality Coordinator, required CTR member, Cancer Conference Coordinator designated alternate

Melissa Cottman, RT Director, Medical Imaging

Sandy Fletcher, BSN, RN, CNOR, OCN, CCRP Research/Clinical Trials, Clinical Research Coordinator

**Theresa Gustafson, BS, RT (R)(M)** Manager, Breast Imaging Medical Imaging Admin

Lisa Hanahan Social Worker & Psychosocial Services Coordinator Psychosocial Services Coordinator designated alternate

**Debbie Hatter, MSN, APRN, FNP-BC, OCN** Compton Infusion Center, Manager Cancer Program Administrator Survivorship Program Coordinator Co-Chair

**Deb Hurst, MS, APRN, ACNS** Board Certified Palliative Care

**Daniel Hutson, PT, DPT** Manager, Rehabilitation Therapy

**Tia Leedy, LSW** Required Social Worker member & Psychosocial Services Coordinator

Jamey Phillips, RPh Inpatient Pharmacy Infection Control Officer

**Phyllis Rudokas, BS, RN, OCN, CBCN** Oncology Nurse Navigator, Required Oncology nurse member

Melinda Sortman, RHIT, CTR Cancer Registry, Cancer Conference Coordinator CTR designated alternative

Amber Stanton, RD, LD Clinical Nutrition Supervisor

**Teresa Wilson, BSN, RN, OCN** Oncology Nurse Navigator, Designated alternative for Oncology Nurse

## **MIAMI VALLEY HOSPITAL**

Mark Marinella, MD, FACP, Chair Medical Oncologist

Melissa Alcazar, APRN, FNP Palliative Care

Mark Anstadt, MD Surgeon

Diane Anderson, DO Radiologist

Rebecca Balaj, MD Pathologist

Charles Bane, MD Medical Oncologist

Patricia Braeuning, MD Interventional Radiology

Christine Broomhall, MS, BSN, RN, ACSM-CES Oncology Exercise Therapy

Faith Callif-Daley, MS, CGC Certified Genetic Counselor

Natalie Denker, MSW, LISW Social Work Services

**Douglas Ditzel, DO** Radiation Oncologist

Sara Elliott, MBA, BSN, RN-BC Medical and Radiation Oncology Nurse Manager

Sandy Evers, RN, BS, VA-BC Clinical Trials Research Nurse

Mary I. Fisher, PT, PhD, OCS, CLT Physical Therapist Anna Frantz, MSW, LISW Oncology Social Worker

Howard Gross, MD, FACP Medical Oncologist

Sharon Guenther, MSW, LISW-S Manager, Social Work Services

Michael S. Guy, MD, ABOG, FACOG Gynecologic Oncology

Nancy Hampton-Jones, DNP, APRN, AOCNS, AGCNS-BC Neurosurgery

**Chelsea Harris, RN, CHPN** Palliative Care

Stephanie Hisey, MS, APRN, AGCNS-BC, OCN Oncology CNS

Deborah Hurst, MS, RN, ACNS-BC, CHPN Palliative Care

Connie Ickes, MSW, LISW-S Oncology Social Worker

Shamim Jilani, MD, FACP Medical Oncologist

Sameep Kadakia, MD, FACS Otolaryngologist

Melissa Laux, CTR Oncology Information Center

Jennifer Masny-Bushman, MSW Oncology Social Worker

**Brenda McCracken, BS, CTR** Oncology Data Specialist

Pam McFarland, BSN, RN Nurse Manager, GYN Oncology

**Amy McKenna, BSN, RN** Oncology Nurse Navigator

Miranda Mougey, BS, CTR Oncology Information Center

**Amanda Musser, MSN, RN** System Director, Hospital Operations Outpatient Oncology

**Bobbie Newsome, BSN, RN** Oncology Research Data Coordinator

**Denise Nichols, MSW, LISW-S** Oncology Social Workers

James Ouellette, DO, FACS Surgical Oncologist Clinical Service Line Director Cancer Liaison

Ania Pollack, MD, FACS, FAANS Neurology

Alison Potts, MSN, RN Director of Nursing

**Greg Rasp, MD** Radiation Oncologist

Jose Rodriguez, MD, FACS Cardiothoracic Surgery

Melissa Roelle, MD, FACS Surgeon Tarek Sabagh, MD Medical Oncologist

Julie Sawyer, MS, LCGC Certified Genetic Counselor

Lori Scalise System Director Service Line Strategy - Oncology

Joseph See, MD Medical Oncologist

Carol Stadler, PharmD, RPh Clinical Pharmacist

Allen Stephens, DO Pathologist

Toni Stoltz Oncology Abstractor

Nancy Thoma, BSN, RN, OCN Oncology Nurse Navigator

Emily Townsend, MSN, RN, OCN Oncology Program Manager - MVH

Nicki Vance, BSN, RN Oncology Education

Burhan Yanes, MD Medical Oncologist/Medical Director MVH

#### **UPPER VALLEY MEDICAL CENTER**

**Rebecca Balaj, MD, Chair** Pathology

Ronald Setzkorn, MD Radiation Oncology

Shane Smith, MD Diagnostic Radiology

Joseph Ridgeway, MD Diagnostic Radiology

Allen Stephens, MD Pathology

Zachary Simmons, MD Cancer Liaison Physician / General Surgery

Rajeev Kulkarni, MD Medical Oncology

Sarah Jones, MS, RN, AOCNS, ACNS-BC Cancer Program Administrator / Oncology CNS Manager

**Caitlin Conaway, MSN, RN** Quality Improvement Coordinator, Survivorship Program Coordinator

Heather Penwell, BSN, RN Clinical Research Coordinator

Charles Strawser, RN Palliative Care

Jim Dabbelt, CTR Certified Tumor Registrar Cancer Registry Quality Coordinator **Dusti Mathes** Cancer Conference Coordinator

Pam Wilson, LSW Social Worker

Amy Cain, LSW Social Worker/ Psychosocial Services Coordinator

Deborah Niese American Cancer Society

Trisha Wackler, MSN, MHA, RN Administration

Erin Brumeister, RD, LD Clinical Dietitian

Jordan Stickley, RD, LD Clinical Dietitian

Mike Barhorst, RPh Pharmacy

Jacqui Rose, MBA, CRA, FAHRA, RT(R) Director of Radiology

Jenny Jones PT Rehabilitation Services

Jonny Nemeth AT Rehabilitation Services