



Cleveland Clinic Cancer Center at Fairview Hospital
Annual Report 2017-2018



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Chairman's Report



**Timothy P. Spiro, MD,
FACP**

The Cleveland Clinic cancer program at Fairview Hospital is fully integrated into Cleveland Clinic Taussig Cancer Institute. This program is widely recognized for quality cancer care on the west side of Cleveland, and has consistently been rated among the top cancer programs in the nation by the American College of Surgeons Commission on Cancer (ACOS/COC).

In our most recent survey (May 2017), the program had no deficiencies, and received 7 commendations, the maximum possible. Our cancer program was awarded the ACOS/COC "Outstanding Achievement Award" which is given to a small number of programs throughout the USA. This is the third consecutive triennial survey for which we have received the Outstanding Achievement Award, a testimony to the sustained excellence in cancer care that we have delivered over the last decade.

In the last 10 years, the focus of cancer treatments has been on finding abnormal molecular pathways within the cancer cell, and then treating patients with drugs specifically designed to inhibit these molecular targets. As such, genomic profiling of cancers is now a standard procedure. We find the abnormal pathway in the cancer cell, and provide treatments that are specific to an individual patient's cancer.

Additionally, we are now beginning to understand how the body's immune system works, and how the immune system protects us against cancer. This knowledge has resulted in the development of many new drugs that bolster the patient's immune system to treat their cancer. We have seen remarkable responses in cancers such as Melanoma, Kidney Cancer (Renal Cell Carcinoma), Bladder Cancer, Lung Cancer, and many others.

Increasingly, we are identifying families with hereditary cancers. This involves first confirming the underlying inherited genetic disposition, followed by counselling patients and their families about prevention and surveillance programs that we have at our center. More and more, we are identifying therapies that are specific to these patients.

Progress in cancer care can only occur in an environment

A unique feature of our cancer program is the financial support we give our patients through a philanthropic fund known as the "Caring Continues" fund.

where research is encouraged. Clinical research of new treatments is important in saving lives and prolonging survival in cancer patients. All of our clinical trials are integrated with the Cleveland Clinic Taussig Cancer Institute, and the Case Comprehensive Cancer Center, a National Cancer Institute designated comprehensive cancer center program. There are fewer than 50 such NCI-designated cancer programs in the United States. In addition, Cleveland Clinic's cancer program is ranked # 5 in the nation, and top-ranked in Ohio, according to US News & World Report.

Patients with cancer often incur financial hardships, both through the cost of cancer care, as well as the loss of income due to their illness. A unique feature of our cancer program is the financial support we give our patients through a philanthropic fund known as the "Caring Continues" fund. Our staff arranges fundraisers of various types, and the money raised then is given to our patients who are experiencing financial difficulty. The money goes towards utility bills, grocery store gift cards, rent payments, car payments etc. These payments help our patients and their families get through tough times.

Finally, good cancer care can only occur in the right environment. At Cleveland Clinic, we stand by our motto of "Patients First". Our cancer center staff shows an unparalleled concern for the welfare of our patients.

Timothy P. Spiro, MD, FACP
Chairman, Regional Oncology

Cancer patients live better with palliative medicine.

“If I could do one thing to make your life better, what would it be?”

That’s what Desi Carozza, MD, asks her patients at Cleveland Clinic Cancer Center at Fairview Hospital. As a fellowship-trained, board-certified palliative care physician, Dr. Carozza has expertise in symptom management and support for patients with serious illness.



Desi Carozza, MD

For those battling cancer, the palliative care team addresses pain, nausea, fatigue, difficulty sleeping, shortness of breath, depression, anxiety, isolation, spiritual distress and a host of other complications related to the disease or treatment.

“Palliative care improves patients’ quality of life during treatment,” says Dr. Carozza. “Serious illnesses don’t happen in a vacuum. They affect people physically, emotionally, spiritually and socially. It takes an interdisciplinary team to care for the whole patient.”

Dr. Carozza works with doctors, nurses, social workers and chaplains to offer care that’s personalized for each patient. In addition to helping them live better during treatment, she helps educate patients and families on what to expect during the disease process and how to prepare long-

term. Sometimes that includes end-of-life decisions, but many times it includes exploring values to make complex decisions about possible treatments.

“Palliative care is not hospice care,” Dr. Carozza is quick to note. “It’s not focused on end of life. We focus on what makes life worth living. Palliative care is appropriate regardless of prognosis.”

Fairview Hospital has been offering palliative care for cancer patients at the Moll Cancer Pavilion since August, and the palliative care team is now serving hospitalized patients with other advanced serious diseases, such as heart failure, stroke, Parkinson’s disease and emphysema.

Palliative medicine is a growing effort around the U.S. Research has credited palliative care with relieving symptoms and helping patients live longer and better. It is a standard part of quality care at major medical centers. Fairview Hospital will be the first Cleveland Clinic hospital on Cleveland’s West Side to offer the service for patients.

“You’re not giving up when you turn to palliative medicine,” says Dr. Carozza. “It’s the opposite. You’re doing everything possible to continue your fight. We focus on healing, not just cure.”

To make an appointment with Dr. Carozza or another palliative medicine specialist at Fairview Hospital, call 216.476.7606.



Phone calls improve care at the Cancer Center

In order to improve the quality of life for patients undergoing treatment for cancer, several enhancements have been made at the Cleveland Clinic Cancer Center at Fairview. New processes for patient education and care coordination have decreased emergency room visits and presumably hospital readmissions.

For the last two years, the oncology dedicated pharmacist has been teaching patients about their chemotherapy, side effects, and management of those possible side effects. After this initial one hour session with the Oncology Pharmacist, the Care Coordinator Registered Nurses (RN) are the link with the patient at home. The enhancement to the process is that the RNs are proactively calling the patient at home after the first day of chemotherapy (Cycle

“These increased touch points have contributed to an overall downward trend in patients under active treatment seeking care in the Emergency Department.”

— Kim Davidson

1, day 1). The purpose of this call is to find out how the patient is feeling, reinforce the use of supportive care drugs, and guide the patient should fever or side effects occur. Specific directions are given on how to reach the physician after hours. The goal is to educate and empower the patient and family in order to prevent visits to the emergency department and unplanned re-admissions. These visits are both costly and interrupt the patient's ability to be at home or work. The reasons for unplanned readmission include nausea, vomiting, dehydration, and uncontrolled pain.

Kim Davidson, Sr. Director of Cancer Services for the West, also asked the RNs to call patients who were at high risk for low white blood cell count 7-10 days after their chemotherapy was given. These patients are at risk for infection and fever. The RNs ask specific questions over the phone and reinforce when to call the physician or seek treatment in the Emergency Department.

“These increased touch points have contributed to an overall downward trend in patients under active treatment seeking care in the Emergency Department”, says Kim



Davidson. The process of pro-active phone calls was presented in a poster presentation to the American Society of Clinical Oncology (ASCO) National Quality meeting in Phoenix this year.

The Oncology Pharmacist has also taken on the role of making proactive phone calls to a different group of patients, those taking hormonal therapy for breast cancer. The calls are made 4-5 weeks after the commencement of therapy to re-educate on the drug and offer suggestions for managing any side effects. The patient's adherence to the therapy is assessed. Nationally, the adherence rate drops at one year to 79% and to 52% in the fifth year. Adherence to therapy is important because certain breast cancers are fed by the hormones estrogen and progesterone. Drugs used to block the hormones should be taken for 5-10 years.

At the Cancer Center at Fairview we are constantly looking at ways to improve care and realize better outcomes for patients. Asking questions, collecting data, and comparing to national benchmarks are all ways to examine practice and make improvements.

Comprehensive Services Offered

Medical Oncology

Our Cleveland Clinic physicians are board certified in medical oncology and/or hematology. All have expertise in diagnosing and treating all types of cancer.

Breast Surgery

Breast surgeons evaluate and treat patients with both breast cancer and benign breast conditions. We offer minimally invasive breast biopsy techniques, sentinel lymph node biopsy, oncoplastic surgery for breast conservation and nipple sparing mastectomies. A high risk clinic is available.

Gynecologic Oncology

Gynecologic cancers are diagnosed and may be treated with combinations of surgery, chemotherapy and radiation therapy. Robotically assisted surgery is offered as well as minimally invasive techniques.

Urology/Urologic Oncology

Both benign and cancerous conditions are diagnosed and treated. Robotic-assisted surgery is an option. The multidisciplinary prostate clinic is available for the newly diagnosed patient with prostate cancer.

Radiation Oncology

Our leading edge treatment equipment includes the TrueBeam and Artiste linear accelerators. Services include Intensity Modulated Radiation Therapy (IMRT), Image-Guided Radiation Therapy (IGRT),

Volume Modulated Arc Therapy (VMAT), prostate brachytherapy, and stereotactic body radiation therapy (SBRT).

Chemotherapy

The suite has 23 chairs where chemotherapy as well as other infusions (iron and blood) can be administered. The nurses are certified by the Oncology Nursing Society.

Nurse Navigators/ Care Coordinators

Registered Nurses work with physicians to plan the calendar of treatment, navigate through the different specialties and referrals, and provide a communication and support link between the physician and patient.

Pharmacists and Pharmacy

Specially trained Pharmacy staff members are solely dedicated to the Cancer Center. In addition to dispensing chemotherapy, a board certified oncology pharmacist is available for counseling patients and families.

Clinical Trials

Clinical trials are available in collaboration with Cleveland Clinic and the Case Comprehensive Cancer Center at Case Western Reserve University.

Genetic Counseling

On-site counseling and testing is available.

Laboratory Services

Lab services are located onsite for patient convenience and time efficiency.

Social Workers

Social workers are available daily and meet with every patient under active treatment.

Support Groups

There are general support groups and specific support groups such as the Gynecologic Group that meet monthly. Collaboration with the American Cancer Society on groups such as Look Good, Feel Better® is also available.

Survivorship Program

Under the auspices of an advanced practice nurse, the program offers classes and individual care planning for the future, after cancer treatment is finished.

Financial Counseling

Financial counselors are onsite daily to discuss Medicaid screening, charity care and general customer service.

Nutrition Support, Pastoral Care and Rehabilitation

Experts in all areas are part of our team.

Fairview Hospital Cancer Program Accredited by the Commission on Cancer of the American College of Surgeons

Fairview Hospital earns National Accreditation with Commendation at the Gold level from the Commission on Cancer of the American College of Surgeons

The Commission on Cancer (CoC), a quality program of the American College of Surgeons (ACS) has granted Three-Year Accreditation with Commendation to the cancer program at Fairview Hospital. To earn voluntary CoC accreditation, a cancer program must meet or exceed the CoC quality care standards, be evaluated every three years through a survey process, and maintain levels of excellence in the delivery of comprehensive patient-centered care. Three-Year Accreditation with Commendation is only awarded to a facility that exceeds standard requirements at the time of its triennial survey. Fairview's survey was May, 2017.

Because it is a CoC-accredited cancer center, Fairview Hospital Cancer Center takes a multidisciplinary approach to treating cancer as a complex group of diseases that requires consultation among surgeons, medical and radiation oncologists, diagnostic radiologists, pathologists, and other cancer specialists. This multidisciplinary partnership results in improved patient care.

“Our patients can be sure that they are being treated according to the latest science with the most compassionate care by a team of professionals,” says Dr. Timothy Spiro, Chairman of Cleveland Clinic Regional Oncology.

The CoC Accreditation Program provides the framework for Fairview Hospital to improve its quality of patient care through various cancer-related programs that focus on the full spectrum of cancer care including prevention, early diagnosis, cancer staging, optimal treatment, rehabilitation, life-long follow-up for recurrent disease, and end-of-life care. When patients receive care at a CoC facility, they also have access to information on clinical trials and new treatments, genetic counseling, and patient centered services including psycho-social support, a patient navigation process, and a survivorship care plan that documents the care each patient receives and seeks to improve cancer survivors' quality of life.

Like all CoC-accredited facilities, Fairview Cancer Program maintains a cancer registry and contributes data to the National Cancer Data Base (NCDB), a joint program of the CoC and American Cancer Society. This nationwide oncology outcomes database is the largest clinical disease registry in the world. Data on all types of cancer are tracked and analyzed through the NCDB and used to explore trends in cancer care. CoC-accredited cancer centers, in turn, have access to information derived from this type of data analysis, which is used to create national, regional, and state benchmark reports. These reports help CoC facilities with their quality improvement efforts.

The American Cancer Society estimates that more than 1.6 million cases of cancer will be diagnosed in 2016. There are currently more than 1,500 CoC-accredited cancer programs in the U.S. and Puerto Rico. CoC-accredited facilities diagnose and/or treat more than 70 percent of all newly diagnosed cancer patients. When cancer patients choose to seek care locally at a CoC-



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accredited cancer center, they are gaining access to comprehensive, state-of-the-art cancer care close to home. The CoC provides the public with information on the resources, services, and cancer treatment experience for each CoC-accredited cancer program through the CoC Hospital Locator at facs.org/search/cancer-programs.

Established in 1922 by the American College of Surgeons, the CoC is a consortium of professional organizations dedicated to improving patient outcomes and quality of life for cancer patients through standard setting, prevention, research, education, and the monitoring of comprehensive, quality care. Its membership includes Fellows of the American College of Surgeons. For more information, visit: facs.org/cancer

The American College of Radiology has also accredited the Radiation Oncology Department at Fairview Hospital through 2020. This department, located in the Moll Pavilion, provides safe, state of the art radiation therapy in conjunction with the Cleveland Clinic main campus.

Fairview Breast Center's Excellence Recognized by Two Major Organizations

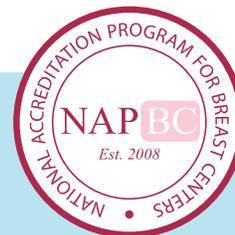
The Breast Program at Fairview Hospital was accredited nine years ago, 2009, by the National Accreditation Program for Breast Centers (NAPBC). It was the first program in Ohio to be accredited, and one of the first programs in the nation. In April, 2018, the Breast Program successfully met their third triennial re-accreditation survey. The surveyor from Chicago said, "the program is exemplary".

The NAPBC accreditation requires centers to meet 27 standards and go through a rigorous on-site evaluation to review their performance. The standards reflect that breast care happens with a multidisciplinary team approach. At Fairview, each case of cancer is brought before a team of professionals in the weekly breast conference. The team assesses the pathology, staging, imaging studies, and prognostic indicators to create a plan of care. National guidelines and the availability of clinical trials are discussed. Psycho-social and supportive care team members are often enlisted to the plan for the patient.

Quality improvement studies are performed every year to improve outcomes for the patients. These studies also monitor the use of national guidelines and the timeliness of care. "We design our studies to ensure quality patient care is provided", says Debra Pratt, MD, FACS, Medical Director of the Program. She adds, "We are very proud of the care we provide. We have opened our doors to let outside organizations critique us and help us identify areas in which we can improve. We are constantly reviewing our outcomes and making positive changes to benefit our patients."

Fairview is also recognized by the American College of Radiology as a Breast Imaging Center of Excellence. This designation evaluates the quality of the mammograms, ultrasounds, breast MRI, and stereotactic biopsies performed at a center. In 2017, Breast Imaging Specialists from the Cleveland Clinic Imaging Institute opened their schedules at Fairview to allow faster, greater access to biopsy. The Breast Center is transitioning to using 100% Breast Imaging Specialists to perform this important procedure. Using these specialists will help detect more cancers at an earlier stage and result in fewer call backs for diagnostic mammograms following screening mammograms.

Fairview's Breast Program offers a full spectrum of services including care for the patient with benign breast disease, which helps identify women at increased risk for developing breast cancer. The women who are identified at high risk for developing breast cancer are monitored and offered risk-reducing strategies. Breast cancer treatment is provided with the assistance of a nurse to help navigate the process. Once a cancer patient completes their acute care, they meet with a survivorship nurse who helps them transition into the maintenance and surveillance part of the treatment.



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Fairview Cancer Conference



Under the direction of Anthony Mastroianni, MD, the Fairview Cancer Program held 45 weekly multidisciplinary Cancer Conferences in 2017. In addition to these general conferences there were also breast cancer conferences and gastrointestinal care conferences.

Cancer Conference physicians discussed staging and offered recommendations based on National Cancer guidelines in cancer patient management on all presented cases. The average weekly participation included medical and radiation oncologists, pathologists, diagnostic radiologists, surgeons, internists, residents, nurses and other allied health professionals.

2017 Cancer Conference Cases

SITE	# OF CASES
Breast	544
Lung	31
Urinary Bladder	12
Colon	87
Corpus Uteri	5
Prostate	13
Kidney	20
Lymphoma	34
Rectum	10
Pancreas	6

Top 10 Sites – Female

Women

Site	#	%
Breast Female	311	41.41
Corpus Uteri	88	11.72
Lung	69	9.19
Colon	39	5.19
Rectum	28	3.73
Non-Hodgkins Lymphoma	28	3.73
Thyroid	26	3.46
Ovary	26	3.46
Cervix	17	2.26
Other Female Genital	16	2.13

Top 10 Sites – Male

Men

Site	#	%
Lung	95	19.11
Prostate	91	18.31
Urinary Bladder	60	12.07
Colon	45	9.05
Rectum	27	5.43
Kidney	25	5.03
Non-Hodgkins Lymphoma	20	4.02
Lip Oral Cavity Pharynx	11	2.21
Esophagus	10	2.01
Pancreas	10	2.01

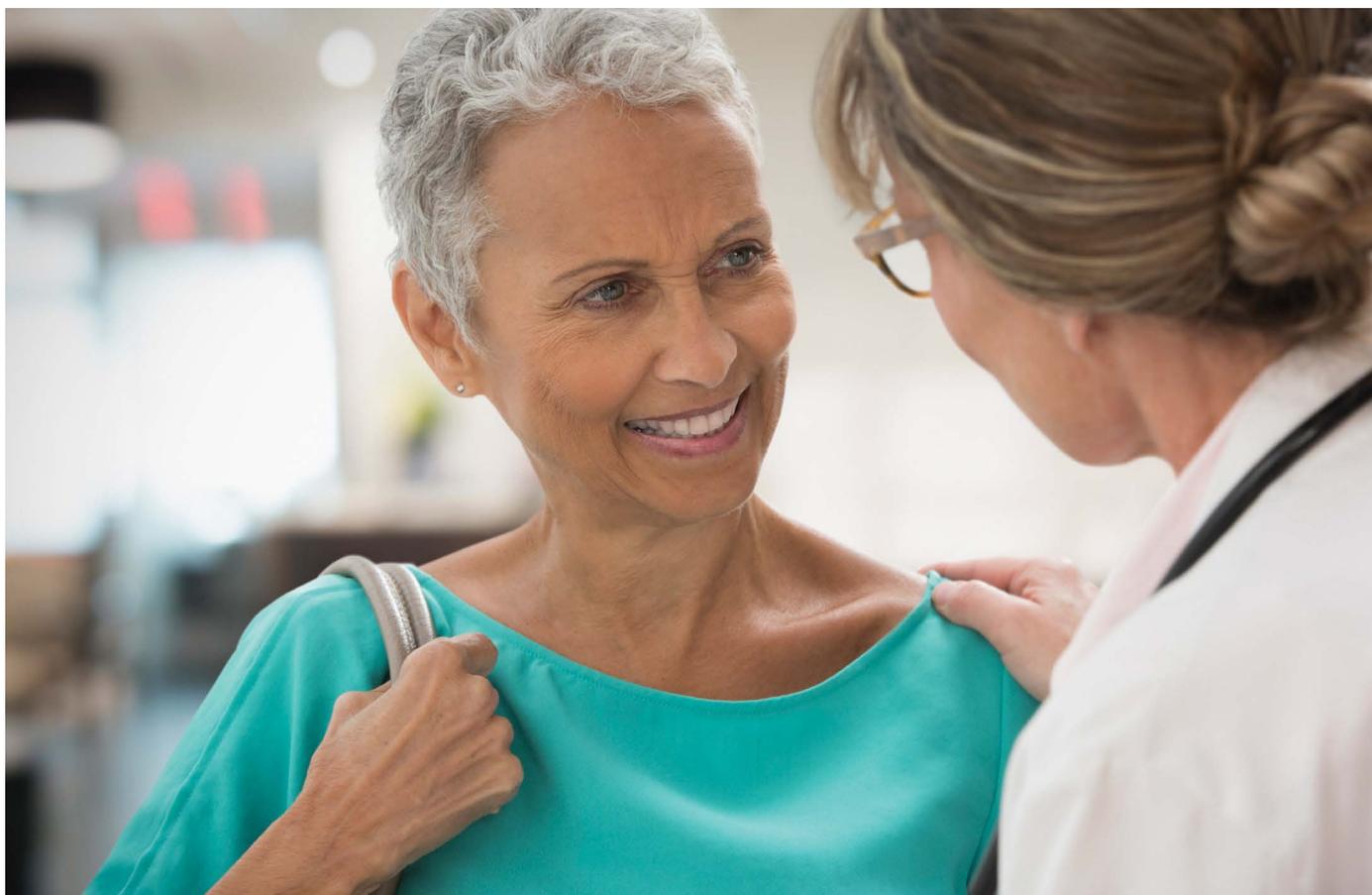
Oncology Data Services Report

The cancer registry is an essential component of the Commission on Cancer (CoC) accredited cancer program. The Fairview Hospital Comprehensive Community Cancer Program (CCCP) is a strategic partner with CHAMPS Oncology Data Services (ODS) who staffs the registry with Certified Tumor Registrar's (CTR's). The data provided facilitates clinical research, education, administrative decisions and quality studies in clinical outcomes measurements. ODS personnel help programs achieve their goals by collecting and reporting quality cancer data in support of their business planning and outreach initiatives.

Data collected by the cancer registry is an invaluable tool in the fight against cancer. As an accredited CoC program, the registry collects demographic and disease specific data elements on each cancer patient presenting for diagnosis or treatment. The information collected is

utilized by physicians, administrators and other health care professionals. In 2017, there were 1,252 analytic and 101 non-analytic cases for a total of 1,353 cases accessioned. In accordance with Ohio Cancer Incidence Surveillance System (OCISS) cases are submitted monthly and are sent annually to the National Cancer Data Base (NCDB) for use in statistical analysis. Cancer registry data is instrumental in resource allocation, production of survival data, and evaluating efficacy of treatment modalities.

Continuing education is a priority for the staff of the Oncology Data Services. They are encouraged to attend all available educational venues to strengthen their knowledge of cancer diagnosis and treatment, along with the management of the data. All CTR's are active members of the National Cancer Registrars Association within their allocated state of residence.



Primary Site Tabulation for 2017

Diagnostic Site	Gender		Class of Case		STAGE (Analytic Cases)							Total
	Male	Female	Analytic	Non-Analytic	0	I	II	III	IV	NA	UNK	Totals
ORAL CAVITY, PHARYNX	12	5	17	0	0	1	3	3	7	0	3	17
Lip	0	0	0	0	0	0	0	0	0	0	0	0
Tongue	5	2	7	0	0	0	1	1	5	0	0	7
Salivary Gland	2	3	5	0	0	1	2	1	0	0	1	5
Floor of Mouth	1	0	1	0	0	0	0	0	0	0	1	1
Gum, Other Mouth	1	0	1	0	0	0	0	0	1	0	0	1
Tonsil	2	0	2	0	0	0	0	1	0	0	1	2
Nasopharynx	0	0	0	0	0	0	0	0	0	0	0	0
Oropharynx	1	0	1	0	0	0	0	0	1	0	0	1
Hypopharynx	0	0	0	0	0	0	0	0	0	0	0	0
Other Oral Cavity and Pharynx	0	0	0	0	0	0	0	0	0	0	0	0
DIGESTIVE SYSTEM	115	114	229	0	4	45	53	50	63	4	10	229
Esophagus	11	1	12	0	2	0	3	1	4	0	2	12
Stomach	7	3	10	0	1	2	2	1	4	0	0	10
Small Intestine	0	3	3	0	0	0	0	0	3	0	0	3
Colon, Rectum, Anus	71	77	148	0	1	39	37	41	23	0	7	148
Colon Excluding Rectum	40	46	86	0	1	18	29	20	14	0	4	86
Cecum	7	16	23	0	0	6	9	5	2	0	1	23
Appendix	2	1	3	0	0	0	2	0	0	0	1	3
Ascending Colon	11	12	23	0	1	6	6	5	4	0	1	23
Hepatic Flexure	3	0	3	0	0	0	2	1	0	0	0	3
Transverse Colon	1	3	4	0	0	0	3	1	0	0	0	4
Splenic Flexure	0	1	1	0	0	0	0	0	1	0	0	1
Descending Colon	3	4	7	0	0	1	3	2	1	0	0	7
Sigmoid Colon	12	7	19	0	0	4	3	6	5	0	1	19
Large Intestine, NOS	1	2	3	0	0	1	1	0	1	0	0	3
Rectosigmoid, Rectum, Anus	31	31	62	0	0	21	8	21	9	0	3	62
Rectosigmoid Junction	6	8	14	0	0	5	2	5	2	0	0	14
Rectum	23	18	41	0	0	14	5	14	6	0	2	41
Anus, Anal Canal, Anorectum	2	5	7	0	0	2	1	2	1	0	1	7
Liver, Gallbladder, Intrahep Bile Duct	14	11	25	0	0	2	7	3	10	3	0	25
Liver	5	0	5	0	0	2	1	0	1	1	0	5
Gallbladder	1	1	2	0	0	0	0	1	1	0	0	2
Intrahepatic Bile Duct	3	4	7	0	0	0	0	1	4	2	0	7
Other Biliary	5	6	11	0	0	0	6	1	4	0	0	11
Pancreas	11	14	25	0	0	1	4	3	17	0	0	25
Retroperitoneum	0	1	1	0	0	1	0	0	0	0	0	1
Peritoneum, Omentum, Mesentery	0	4	4	0	0	0	0	1	2	0	1	4
Other Digestive Organs	1	0	1	0	0	0	0	0	0	1	0	1

Primary Site Tabulation for 2017

Diagnostic Site	Gender		Class of Case		STAGE (Analytic Cases)							Total
	Male	Female	Analytic	Non-Analytic	0	I	II	III	IV	NA	UNK	Totals
RESPIRATORY SYSTEM	99	70	169	0	0	32	15	26	91	0	5	169
Nose, Nasal Cavity, Middle Ear	1	0	1	0	0	1	0	0	0	0	0	1
Larynx	2	1	3	0	0	1	1	1	0	0	0	3
Pleura	0	0	0	0	0	0	0	0	0	0	0	0
Lung and Bronchus	95	69	164	0	0	30	14	25	90	0	5	164
Non-Small Cell	71	55	126	0	0	28	14	22	58	0	4	126
Small Cell	19	9	28	0	0	1	0	3	23	0	1	28
Other Lung	5	5	10	0	0	1	0	0	9	0	0	10
Trachea	0	0	0	0	0	0	0	0	0	0	0	0
Mediastinum, Other Resp.	1	0	1	0	0	0	0	0	1	0	0	1
BONES, JOINTS	0	0	0	0	0	0	0	0	0	0	0	0
SOFT TISSUE INCLUDING HEART	2	2	4	0	0	0	1	1	1	1	0	4
SKIN	7	2	9	0	3	1	0	1	3	0	1	9
Skin: Melanoma	7	2	9	0	3	1	0	1	3	0	1	9
Skin: Other Non-Epithelial	0	0	0	0	0	0	0	0	0	0	0	0
Epithelial Skin	0	0	0	0	0	0	0	0	0	0	0	0
BREAST	3	315	318	0	65	144	76	24	8	0	1	318
Female Breast	0	315	315	0	64	142	76	24	8	0	1	315
Male Breast	3	0	3	0	1	2	0	0	0	0	0	3
FEMALE GENITAL SYSTEM	0	159	159	0	1	70	7	33	21	1	26	159
Cervix Uteri	0	18	18	0	0	7	3	4	2	0	2	18
Corpus, Uterus: NOS	0	98	98	0	0	52	3	16	8	0	19	98
Corpus Uteri	0	97	97	0	0	52	3	16	7	0	19	97
Uterus: NOS	0	1	1	0	0	0	0	0	1	0	0	1
Ovary	0	27	27	0	0	6	1	7	9	0	4	27
Vagina	0	0	0	0	0	0	0	0	0	0	0	0
Vulva	0	12	12	0	1	5	0	4	1	0	1	12
Other Female Genital Organs	0	4	4	0	0	0	0	2	1	1	0	4
MALE GENITAL SYSTEM	100	0	100	0	0	20	36	21	14	1	8	100
Prostate	90	0	90	0	0	19	35	20	14	0	2	90
Testis	10	0	10	0	0	1	1	1	0	1	6	10
Penis	0	0	0	0	0	0	0	0	0	0	0	0
Other Male Genital Organs	0	0	0	0	0	0	0	0	0	0	0	0
URINARY SYSTEM	97	29	126	0	36	43	9	10	14	0	14	126
Urinary Bladder	61	14	75	0	30	24	9	3	7	0	2	75
Kidney	25	10	35	0	0	19	0	6	3	0	7	35
Renal Pelvis	8	4	12	0	6	0	0	1	2	0	3	12
Ureter	2	1	3	0	0	0	0	0	2	0	1	3
Other Urinary Organs	1	0	1	0	0	0	0	0	0	0	1	1
EYE, ORBIT	0	0	0	0	0	0	0	0	0	0	0	0
Eye, Orbit: Non-Melanoma	0	0	0	0	0	0	0	0	0	0	0	0
Eye, Orbit: Melanoma	0	0	0	0	0	0	0	0	0	0	0	0

Primary Site Tabulation for 2017

Diagnostic Site	Gender		Class of Case		STAGE (Analytic Cases)							Total
	Male	Female	Analytic	Non-Analytic	0	I	II	III	IV	NA	UNK	Totals
BRAIN, OTHER NERVOUS SYSTEM	6	5	11	0	0	0	0	0	0	11	0	11
Brain: Malignant	2	4	6	0	0	0	0	0	0	6	0	6
Cranial Nerves, Other Nervous System	2	0	2	0	0	0	0	0	0	2	0	2
Brain-CNS: Benign, Borderline	2	1	3	0	0	0	0	0	0	3	0	3
ENDOCRINE SYSTEM	7	22	29	0	0	16	2	2	1	2	6	29
Thyroid	5	22	27	0	0	16	2	2	1	0	6	27
Thymus	2	0	2	0	0	0	0	0	0	2	0	2
Adrenal Gland	0	0	0	0	0	0	0	0	0	0	0	0
Other Endocrine	0	0	0	0	0	0	0	0	0	0	0	0
Endocrine: Benign, Borderline	0	0	0	0	0	0	0	0	0	0	0	0
LYMPHOMA	24	33	57	0	0	7	5	9	9	0	27	57
Hodgkin Lymphoma	4	2	6	0	0	1	1	2	0	0	2	6
Hodgkin - Nodal	4	2	6	0	0	1	1	2	0	0	2	6
Hodgkin - Extranodal	0	0	0	0	0	0	0	0	0	0	0	0
Non-Hodgkin Lymphoma	20	31	51	0	0	6	4	7	9	0	25	51
NHL - Nodal	14	22	36	0	0	2	4	7	6	0	17	36
NHL - Extranodal	6	9	15	0	0	4	0	0	3	0	8	15
MYELOMA	10	6	16	0	0	0	0	0	0	16	0	16
LEUKEMIA	4	1	5	0	0	0	0	0	0	5	0	5
Lymphocytic Leukemia	2	0	2	0	0	0	0	0	0	2	0	2
Acute Lymphocytic Leukemia	0	0	0	0	0	0	0	0	0	0	0	0
Chronic Lymphocytic Leukemia	2	0	2	0	0	0	0	0	0	2	0	2
Other Lymphocytic Leukemia	0	0	0	0	0	0	0	0	0	0	0	0
Non-Lymphocytic Leukemia	2	1	3	0	0	0	0	0	0	3	0	3
Acute Myeloid Leukemia	2	1	3	0	0	0	0	0	0	3	0	3
Acute Monocytic Leukemia	0	0	0	0	0	0	0	0	0	0	0	0
Chronic Myeloid Leukemia	0	0	0	0	0	0	0	0	0	0	0	0
Other Myeloid-Monocytic Leukemia	0	0	0	0	0	0	0	0	0	0	0	0
Other Leukemia	0	0	0	0	0	0	0	0	0	0	0	0
Other Acute Leukemia	0	0	0	0	0	0	0	0	0	0	0	0
Aleukemic, subleukemic and NOS	0	0	0	0	0	0	0	0	0	0	0	0
MESOTHELIOMA	4	0	4	0	0	0	0	2	1	0	1	4
KAPOSI SARCOMA	0	0	0	0	0	0	0	0	0	0	0	0
MISCELLANEOUS	9	10	19	0	0	0	0	0	0	19	0	19
OTHER SITE: BENIGN, BORDERLINE	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	499	773	1272	0	109	379	207	182	233	60	102	1272

Cancer Program Community Outreach

The Cleveland Clinic Cancer Center at Fairview Hospital not only offers comprehensive cancer treatment to patients, but our caregivers routinely go outside the walls of the hospital to provide education and screenings to the community we serve. The hospital's Community Health Needs Assessment provides guidance to the cancer committee in determining outreach goals and activities. Additionally, we collaborate with both internal and external partners in order to provide programs that address evident gaps in knowledge and services.

Breast Cancer Outreach

Taking advantage of the current popularity of yoga in this area, a "Nama-Slay" yoga event was held in January with 60 attendees, and included Mita Patel, MD participating in the class and speaking on breast health issues such as mammography screening guidelines. The event was repeated during the month of October, which is breast cancer awareness month, and 70 women attended.

A Breast Cancer Screening was held on Oct. 16 for women, regardless of the ability to pay. Nine women (a mix of uninsured and insured) received a clinical breast exam and mammogram. We partnered with the Taussig Cancer Institute and the Community West Foundation to provide this service.



Breast Cancer Screening

Schedule a clinical breast exam and get your mammogram at the same time.

If you have insurance, we will bill your provider. If you have an existing prescription for a mammogram, you may attend this event, also. **FREE** breast exams and mammograms available for uninsured women who qualify financially, through Community West Foundation.

Yearly mammograms should start at age 40, unless you have a family history.

This event offers:

- Prompt service
- Private changing and waiting rooms
- Expert, caring female mammography technologists

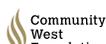
This event is sponsored by Cleveland Clinic Fairview Hospital, Cleveland Clinic Westlake Medical Campus, and Community West

WHEN: Tuesday, October 16, 2018

WHERE: Cleveland Clinic Westlake Medical Campus
850 Columbia Road
Westlake, Ohio 44145

TIME: 1:00 p.m. – 5:30 p.m.

REGISTER: For more information or to schedule your exam and mammogram call 216.476.HOPE (4673).



Youth Outreach

Breast cancer awareness was highlighted at the Fairview High School football game with a "Pink Out" on October 12, 2018, when students and faculty wore pink, and breast cancer survivors were recognized and honored. Public service announcements related to breast cancer awareness and mammogram screening guidelines were made to the crowd during half-time. Breast Center staff brought a game wheel with health questions and had prizes for all who attempted the wheel. At half time, the cheer leaders, survivors, volunteers and family were welcome on the track with pink notes "I stand for..." In memory or in honor of a loved one affected by breast cancer. The Fairview High School warriors cheered the breast cancer warriors in a memorable half time event.

The Breast and Testicular Teen Cancer module was presented at Berea-Midpark High School in March 2018 to 183 children in 10th grade health classes, and in April at Lakewood High School to 150 students. Pre-and post-tests administered showed significant knowledge gain as related to breast self-awareness and testicular self-examination.

The Westlake High School Wellness Day was held on March 13, and hospital caregivers participated by providing anti-tobacco, breast health, and testicular cancer



education, plus dating violence/sexual assault and Hands-only CPR education to the 400+ students who attended.

Improving the HPV Vaccination rate in children is one of the goals of 2018 for the outreach team, in order to impact cervical cancer rates in later life. The initial step has been representation and participation in the Better Health Partnership, a coalition of community partners in Cleveland that is studying baseline vaccination rates in this area. The coalition will then determine the appropriate thrust of an awareness and education campaign.

We also collaborated with the Clinic's Pediatric Institute to have a physician speak to a group of middle school and high school PTA members in Fairview Park about the current HPV vaccination guidelines.

Male Cancer Outreach

The Fairview Hospital Community Health Needs Assessment identified prostate cancer as being a priority concern in Cuyahoga County, which supports the need for education and screenings in our service area. The "MENTion It" program was held at Westlake Recreation Center on September 25, with 57 men in attendance. The

program targeted men in the western part of Cuyahoga County and Lorain County. A special appearance by local sports legend Campy Russell focused on maintaining fitness activities as men age. Other topics covered were prostate cancer by Robert Abuouassaly, MD and male vitality by Juan Jimenez, MD. The event also featured free PSA screenings, plus cholesterol, blood sugar, and blood pressure screenings. Participants were afforded a 1:1 consultation with a RN to review screening results. We had internal partnerships to provide these services with the Taussig Cancer Institute, Community West Foundation, and Glickman Urological and Kidney Institute.



MENTion It™
an event for men only

You're invited to a special event in your area just for men.



With a special message about why men need to talk about their health from Campy Russell, Cleveland Cavaliers Legend.

Date: Tuesday, September 25, 2018
 4:30 to 7:30 p.m.

Location: Westlake Recreation Center, 28955 Hilliard Blvd., Westlake, OH 44145

Join us for this FREE program exclusively for men. Enjoy free health screenings, a catered dinner, an educational health talk and a door prize raffle!



Robert Abuouassaly, MD



Juan Jimenez, MD

Robert Abuouassaly, MD, will discuss Changes in Prostate Cancer Screening Guidelines, Prevention and Treatment.
Juan Jimenez, MD, will speak about Men's Vitality.

Free screenings include cholesterol, blood pressure, PSA (prostate), colon cancer risk assessment, and blood sugar.

Reservations required. Space is limited. Reservation deadline: September 18.
 To register for this free event: visit ccl.org/mentionitwest or call 440.331.0618

Schedule

4:30 p.m.	Registration
4:30-6:00 p.m.	Screenings
6:00 p.m.	Complimentary Dinner
6:30-7:30 p.m.	Speakers and Q & A

18-URL-4236

Cleveland Clinic



Be Well West Park

FREE Skin Cancer Screening!

Full body or spot skin inspections will be done for FREE by dermatologists. This service is provided in partnership with the Cleveland Dermatological Society, the American Cancer Society and the Be Well West Park Healthy Communities Initiative.

FREE Parking in Cancer Center parking lot ONLY!

The "Be Well West Park" Healthy Communities Initiative is a collaborative effort between Cleveland Clinic's Office of Government & Community Relations and community partners to promote optimal health and wellness. Based on the Community Health Needs Assessment and utilizing combined resources within our local communities, Healthy Community Initiative programs will be customized around three core areas: education, nutrition and physical activity.

WHEN: Saturday, April 21, 2018
WHERE: Cleveland Clinic Fairview Hospital Cancer Center
 18200 Lorain Avenue
 Cleveland, OH 44111
 Moll Pavilion, Second Floor
TIME: 8:00 a.m. – 12:00 p.m.
REGISTER: Appointments **MUST** be made online at
www.clevelandclinic.org/BeWellWestPark
INFO: Call Rosemary Miles, RN, at 440.331.0618.

SPONSORS:



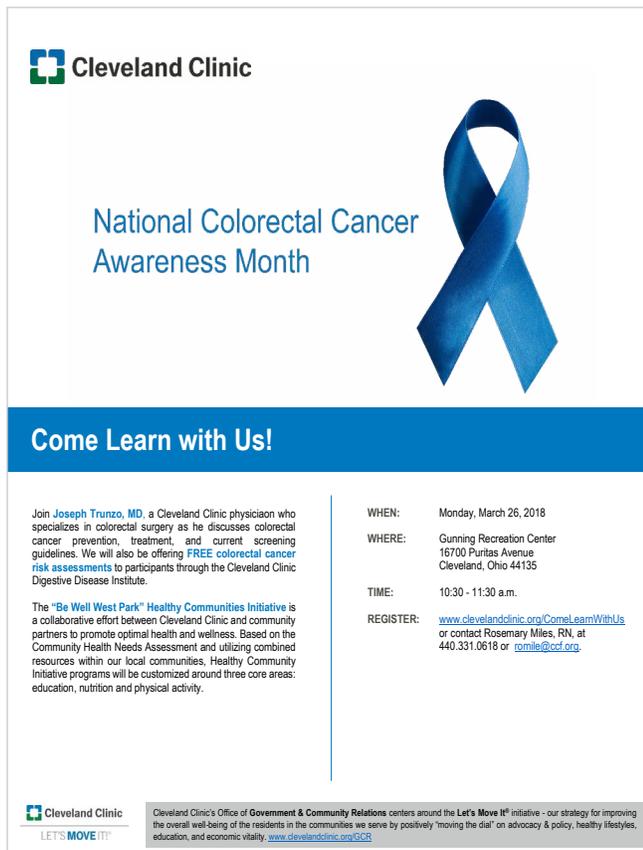
Cleveland Clinic's Office of Government & Community Relations centers around the Let's Move It! initiative - our strategy for improving the overall well-being of the residents in the communities we serve by positively "moving the dial" on advocacy & policy, healthy lifestyles, education, and economic vitality. www.clevelandclinic.org/SCR

Skin Cancer Screening

A free Skin Cancer Screening was held at the Cancer Center on April 29, for 122 participants. It was held in partnership with community physicians, the American Cancer Society, and the Cleveland Dermatological Society. One melanoma and some basal cell and squamous cell cancers were detected and treated as a result of this public screening.

Colon Cancer Outreach

Joseph Trunzo, MD spoke at Gunning Recreation Center on March 26 on Colorectal Cancer Awareness and addressed fears related to colonoscopy. 31 people attended, and 10 CRC risk assessments were done in partnership with the Digestive Disease and Surgery Institute. We also partnered with the Benjamin Rose Institute and Gunning Recreation Center to provide this program.



Cleveland Clinic

National Colorectal Cancer Awareness Month

Come Learn with Us!

Join **Joseph Trunzo, MD**, a Cleveland Clinic physician who specializes in colorectal surgery as he discusses colorectal cancer prevention, treatment, and current screening guidelines. We will also be offering **FREE** colorectal cancer risk assessments to participants through the Cleveland Clinic Digestive Disease Institute.

The "Be Well West Park" Healthy Communities Initiative is a collaborative effort between Cleveland Clinic and community partners to promote optimal health and wellness. Based on the Community Health Needs Assessment and utilizing combined resources within our local communities, Healthy Community Initiative programs will be customized around three core areas: education, nutrition and physical activity.

WHEN: Monday, March 26, 2018
WHERE: Gunning Recreation Center
 16700 Puritas Avenue
 Cleveland, Ohio 44135
TIME: 10:30 - 11:30 a.m.
REGISTER: www.clevelandclinic.org/ColonLearnWithUs
 or contact Rosemary Miles, RN, at 440.331.0618 or romile@prof.org

Cleveland Clinic
 LET'S MOVE IT!

Cleveland Clinic's Office of Government & Community Relations centers around the Let's Move It® initiative - our strategy for improving the overall well-being of the residents in the communities we serve by positively "moving the dial" on advocacy & policy, healthy lifestyles, education, and economic vitality. www.clevelandclinic.org/SCR



Chrissy and Doug Candow presented Dr. Spiro and Kim Davidson with comfort bags for the patients at the Cancer Center. Chrissy is a cancer survivor who is thankful for her care at the Cancer Center and expresses that gratitude by giving to the patients currently under treatment. The comfort bags are full of items such as tea, lip balm, and lotion as well as puzzle books to pass the time during treatment.



This generous check represents the donation given on behalf of Marc's and EverFlora Florist who worked together for a joint fundraiser during breast cancer awareness month in October. The proceeds go to Community West Foundation for the benefit of the cancer patients at the Cancer Center at Moll Pavilion. The patients were also given flowers the day of the formal donation from Marc Glassman to Dr. Neil Smith, President of Fairview Hospital.

Lung Cancer Outreach

Promotion of the Cleveland Clinic's lung cancer screening program was done at several community events in 2018, such as the Stay Strong in Strongsville 8-week Health Challenge. Caregivers from the Pulmonary Medicine Institute provided education and literature on the screening program as well as smoking cessation information.

Beth Slepecky received the Nursing Excellence Award for Fairview Hospital

The Zielony Nursing Institute Nursing Excellence Award is presented in recognition of the special skills, dedication and compassion in the delivery of outstanding direct patient care.

Pictured here are Beth Slepecky, BSN, RN and her husband, Aaron.

The nomination letter was written by a co-worker. It states, "Beth is a dedicated nurse care coordinator for oncology patients. Her experience as an infusion nurse, educator, and care coordinator allows her to provide exceptional care to her patients."



Cancer Rehabilitation

Rehabilitation typically occurs after an illness, event, procedure, or a surgery. Prehabilitation occurs prior to a surgery. It is defined as physical and/or lifestyle preparation designed to improve recovery time following surgery. The Breast Health surgical department has implemented this intervention for those breast cancer patients who are undergoing chemotherapy before surgery. Physical therapy and an oncology dietician consult with this patient population and prescribe a regimen of exercise and diet to optimize recovery following breast surgery.

To address an identified need for increasing patient visits for post-operative cancer rehabilitation, the Breast Surgery Department implemented a clinic with cancer rehabilitation imbedded in the first post-operative visit with the surgeon. This clinic visit has a physical therapist evaluating patients for range of motion, educating the patient about needed post op exercises, and providing lymphedema risk prevention practices. The patient is then scheduled for a follow up visit to assure continuity of care.

Survivorship Program

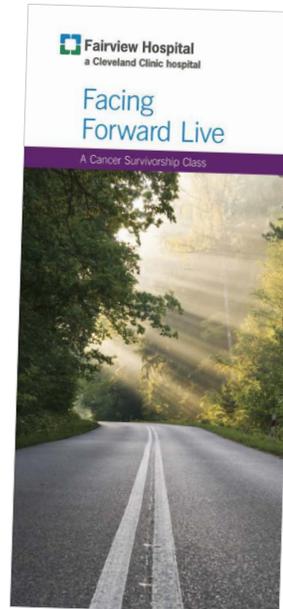
The Cancer Survivorship Program at the Cleveland Clinic Cancer Center at Fairview Hospital continues to provide high quality, comprehensive cancer care following active treatment. This survivorship focused care program meets standards set forth by COC and NAPBC. The program provides a variety of services and is coordinated by an Advanced Practice Nurse in collaboration with cancer center nursing and medical staff, social work, rehabilitation, dietary, clergy and various community agencies.

Services and programs include:

- Providing a treatment summary document and survivorship visit to appropriate patients
- Survivorship visit individualized to diagnosis and model; either Shared Medical Appointment or Individual appointment
- Comprehensive upper and lower lymphedema assessment, education and monitoring program
- Healthy eating and weight management counseling

- Cancer rehabilitation therapies
- Individualized exercise program; “Fitness Forward”
- Individualized wellness coaching
- Psychological and social support through counseling and support groups
- Oncofertility education, counseling and referral process
- Young adult education and navigation program
- Cancer survivorship education community outreach program

These services and programs provide our patients the education, support and resources necessary for a healthy survivorship following active cancer treatment.



Clinical Trials

Nationally, fewer than 5% of adults join a cancer clinical trial but Fairview boasts over a 15% rate in 2017. Cancer clinical trials, also called research studies, test many types of treatments such as new drugs, new surgical techniques or radiation therapy, new combinations of treatment, or new methods. The goal of research is to find better ways to treat cancer. Most of today’s treatments were yesterday’s clinical trials.

Clinical trials are in conjunction with the Case Comprehensive Cancer Center. Case Comprehensive Cancer Center is a National Cancer Institute (NCI) designated Comprehensive Cancer Center. The center integrates the cancer research activities of the largest biomedical research and health care institutions in Ohio – Case Western Reserve, University Hospitals (UH) Cleveland Medical Center, and the Cleveland Clinic.

Cleveland Clinic which includes Fairview, offers early access to clinical trials that are an important part of identifying, treating and curing cancer.

Trials are through the National Cancer Institute, industry-sponsored and/or investigator initiated. They are offered to patients with many different disease sites including breast, lung, ovarian, lymphoma and pancreas.

Trials include areas of treatment, symptom management, screening and prevention.



Psychosocial Services Program

Oncology Social Work support is available to our cancer patients. This support is provided through individual counseling, crisis intervention, and referral to community resources. These interventions are focused on helping people cope with the medical, emotional, and social problems they encounter at different points in the cancer experience. In addition, our Oncology Social Workers help people navigate the health care system and find support to manage the day-to-day challenges of living with cancer. We are proud to have an Oncology Social Work staff who have a passion for making a difference in our patients' lives.

Patients with cancer frequently express a sense of isolation and a feeling of being unprepared for coping with this unexpected crisis in their lives. By attending a support group they are able to meet others in similar circumstances, to share methods of coping, learn more about issues and concerns related to their cancer, and to develop new relationships at a time of perceived isolation. We offer numerous support group opportunities for patients and loved ones as well. Our monthly disease specific groups include:

- Blood Cancers
- Gynecological Cancers
- Oral, Head and Neck Cancers
- Cancer of the Larynx

We have a cooperative relationship with The Gathering Place, a local non-profit cancer wellness/support organization that has coordinated numerous joint educational and supportive events for cancer patients and loved ones in northeast Ohio. We encourage our patient to access this organization's supportive programs while they are in treatment and afterward. These opportunities enrich their survivorship and are offered free of charge.

We have also enlisted the expertise of Cleveland Clinic Arts and Medicine Institute staff.

Twice monthly Art Therapy and Music Therapy is available for our patients at our center.

Art and Music therapy are two powerful ways to aid in the healing process for someone dealing with a serious or terminal illness. For cancer patients, art therapy has been shown to decrease pain, anxiety and depression. Similar benefits have been seen with music therapy.



Music Therapy group



Art Therapy is available to patients.

We also work cooperatively with several national cancer non-profit organizations to provide supportive opportunities for our patients:

- The American Cancer Society
- The Leukemia & Lymphoma Society
- SPOHNC (Support for Oral, Head and Neck Cancer Patients)

We are always trying new and inventive ways to reach out to our patients to support them during their cancer journey.

2018 Cancer Committee

Joseph Abdelmalak, MD

Pain Management

Bernadette Clark, PharmD, BCOP

Pharmacy

Desi Carozza, MD

Palliative Medicine

Kimberly Davidson, MSN, RN, OCN

Sr. Director, Cancer Services West

Hamed Daw, MD, FACP

Cancer Committee Chairman, Hematology/
Medical Oncology

Susan Dunson, MSN, RN, OCN

Oncology Administration

Jean Ellsworth-Wolk, MS, RN, AOCNS

Survivorship

Matt Frye, BSN, RN, CMSRN

Nurse Manager, Parkview 1 Fairview
Hospital

Abdo Haddad, MD, FACP

Quality Improvement Coordinator,
Hematology/Medical Oncology

James Lapinski, MD

Pathology

Jessica Marquard, MS, CGC

Genetics Counselor

Anthony Mastroianni, MD, JD

Cancer Conference Coordinator, Radiation
Oncology

Meagan McKay, CTR

Oncology Data Services

Rosemary Miles, MSN, RN

Community Outreach

Carol Moss, CRC

Clinical Trials

Carmella Nagella, MSN, RN

Nurse Manager, Oncology Outpatient

Gwen Paull, LISW-S, OSW-C

Psychosocial Services Coordinator, Social
Worker

Debra Pratt, MD, FACS

Cancer Liaison Physician, Breast Surgeon

Nasreen Starner, OTR/L, CLT

Cancer Rehabilitation

Frank Ricourte, MD

Radiology

Sue Tarr, RN

Quality Management

Anna Taylor, MS, RD, LD

Food & Nutrition Services

Rev. Lisa Morrison, MDiv, BCC

Spiritual Care

Ad Hoc Members

Kristina Austin, MEd, LSW

The Gathering Place

Greg Belko

Radiology

Fred Jorgenson, MD

Family Medicine

Annette Lipaj, OT

Rehabilitation Services

Michele Ljubi, BSN, RN, OCN, CBCN

Breast Health

Matt Marrie

Oncology Administration

Trisha Peace, RN, CHPN

Hospice of Cleveland Clinic

Jennifer Stilgenbauer, BA, RT (R)(T)

Radiation Therapy

Fahrettin Covut, MD

Internal Medicine Residency Fairview
Hospital

Tiffany Williams, MPA

American Cancer Society

Cleveland Clinic Cancer Center at Fairview Hospital

Taussig Cancer Institute

Medical Oncology



Hamed Daw, MD
Hematology and oncology,
lymphoma, breast and colon
cancers



Kevin Kerwin, MD
Hematology and general
oncology



Donald Eicher, MD
Breast cancer, colorectal
cancer, lung cancer,
lymphoma



Seema Misbah, MD
Hematology and oncology,
breast cancer



Abdo Haddad, MD
Hematology and oncology,
cancer in the elderly, breast
and lung cancers



Timothy Spiro, MD
**Chairman, Regional
Oncology**
Hematology and oncology,
melanoma and colorectal
cancer

Radiation Oncology



Margaret Kranyak, MD
Breast cancer, head and
neck cancer, prostate
cancer, including
brachytherapy



Anthony Mastroianni, MD
Breast cancer, lung
cancer, prostate cancer



Michael Weller, MD
Breast cancer, lung
cancer, prostate
cancer, gastrointestinal
malignancies, quality
of life

Women's Health Institute

Gynecological Oncology



Mariam AlHilli, MD
Ovarian cancer, endometrial
cancer, cervical cancer,
vulvar cancer, hereditary
gynecologic cancers



Haider Mahdi, MD
Ovarian cancer, endometrial
cancer, cervical cancer



Jason Knight, MD
Cervical Cancer, Endometrial
Cancer, Fibroid Tumor,
Ovarian Cancer, Vaginal
Cancer, Gynecologic
Oncology, Laparoscopic
Gynecologic Cancer Surgery



Peter Rose, MD
Cervical, endometrial,
ovarian, uterine, vaginal
and vulvar cancers; robotic
surgery and minimally
invasive surgery in
gynecology

Glickman Urological & Kidney Institute

Urology/Urologic Oncology



**Shih-Chieh
Jeff Chueh, MD, PhD**
Laparoscopic and robotic
surgery, urologic cancers
(kidney, ureter, prostate,
bladder, testes), cryotherapy,
adrenal tumor surgery



Rajan Ramanathan, MD
Laparoscopic and robotic
surgery, urologic cancers
(kidney, ureter, prostate,
bladder, testes), cryotherapy,
adrenal tumor surgery



Anthony Avallone, MD
Adrenal tumors,
adrenocortical carcinoma,
benign prostate enlargement
(BPH), benign prostate
surgery

Digestive Disease & Surgery Institute

Breast Surgery



Mita Patel, MD
Breast surgery, breast
cancer



Debra Pratt, MD
Breast surgery



Andrew Smith, MD
Breast surgery



Cleveland Clinic Cancer Center
at Fairview Hospital
Moll Pavilion
18200 Lorain Avenue
Cleveland, Ohio 44111

216.476.7606
fairviewhospital.org/cancer