



UTHealth
East Texas
HOPE Cancer Center



2020 Annual Cancer Report

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UT Health East Texas HOPE Cancer Center Mission Statement

We treat cancer. We care for people.

The mission of the UT Health East Texas HOPE Cancer Center is to prevent, detect and treat cancer with dedication to the health of the people of East Texas. To accomplish this mission, we are committed to the following standards:

The UT Health East Texas HOPE Cancer Center will ...

- Provide for the physical, emotional and spiritual needs of the patient in order to promote quality of life in a compassionate manner.
- Create superior multidisciplinary programs in order to provide the most appropriate cancer care.
- Assure a highly trained professional staff, and provide them with the best available resources and technology in order to render the most advanced patient care.
- Continually improve the quality of patient care by assessing and improving those managerial, clinical and support processes that most affect patient outcomes.
- Manage its financial and human resources in an effective manner that contributes to the fulfillment of its mission.



UT Health East Texas Cancer Program Chairmen

Beginning in 2009, the cancer program chairman serves a three-year term.

1986 - 1989	Gary Gross, MD, Medical Oncology/Hematology
1990	Dale Lakomy, MD, Radiation Oncology
1991	Gary Gross, MD, Medical Oncology/Hematology
1992	Gary Kimmel, MD, Medical Oncology/Hematology
1993	Arielle Lee, MD, Medical Oncology/Hematology
1994	Gary Gross, MD, Medical Oncology/Hematology
1995	JoAnne Carignan, MD, Medical Oncology/Hematology
1996	Mitchell Anderson, MD, Radiation Oncology
1997	Robert Droder, MD, Medical Oncology/Hematology
1998	Gary Gross, MD, Medical Oncology/Hematology
1999	Leonard DeCarlo, MD, Urology
2000	James Kolker, MD, Radiation Oncology
2001	William Lunn, MD, Pulmonology
2002	JoAnne Carignan, MD, Medical Oncology/Hematology
2003	Heidi McKellar, MD, Radiation Oncology
2004	Myrtha Basile, MD, Medical Oncology/Hematology
2005	Charlie Haas, MD, Medical Oncology
2006	Michael Klouda, MD, Diagnostic Radiology
2007	Joseph Martins, MD, Medical Oncology/Hematology
2008 - 2010	Michael Ashigbi, MD, Medical Oncology/Hematology
2011-2019	Andrew Kulaga, MD, Pathology
2020-present	Alexandra Phan, MD, FACP, Oncology

UT Health East Texas Cancer Program Physician Liaisons

1986	Joseph Selman, MD, Radiation Oncology H.R. Fender, MD, Surgery
1987 - 1991	H.R. Fender, MD, Surgery
1991 - 1994	Joseph Selman, MD, Radiation Oncology H.R. Fender, MD, Surgery
1994 - 1997	Joseph Selman, MD, Radiation Oncology
1997 - 2014	H.R. Fender, MD, Surgery
2015 - 2017	Jeffrey Gilroy, MD, Radiation Oncology
2017 - Present	Bruce Ellerin, MD, Radiation Oncology

UT Health East Texas HOPE Cancer Center 2019-2020 Cancer Committee Members

Alexandria Phan, MD.....	Cancer Committee Chair
Bruce Ellerin, MD.....	Cancer Liaison Physician (CLP)
Jose Enriquez, MD.....	Diagnostic Radiologist
Andrew Kulaga, MD.....	Pathologist
Rebecca Cali, MD.....	Surgeon
Joseph Martins, MD.....	Medical Oncologist
Lewis Smith, MD.....	Radiation Oncologist/Cancer Registry Quality Coordinator
Cody Boyd, MBA, RT(R)(T).....	Cancer Program Administrator
Tawana Burgess, RN, OCN.....	Oncology Nurse
Margaret Callens, LSW.....	Social Worker
Almarie Moore, CTR.....	Certified Tumor Registrar (CTR)
Arielle Lee, MD.....	Cancer Conference Coordinator
Jessica Cox.....	Quality Improvement Coordinator
Grace Loreda, PhD.....	Clinical Research Coordinator
Crystal Frazier, PsyD.....	Psychosocial Services Coordinator
Misty Watson, RN, BSN, OCN.....	Survivorship Program Coordinator

Ancillary Members

Carlton Allen, MS.....	Community Outreach Coordinator
Regina Davis, MHA.....	Breast Care Services Director
Thomas Graham, MD.....	Neurosurgery
James McAndrew, MD.....	Urology
Bolarinwa Olusola, MD.....	Gastroenterology
Robert Strominger, MD.....	Head and Neck Surgery (ENT)
Megan Devine, MD.....	Pulmonology
Thomas Beets, MD/Laura Ferguson, MD.....	Palliative Care/Supportive Care
Michael Klouda, MD.....	Genetics Professional/Counselor
Seth Tulia, RD, LD.....	Registered Dietician/Nutritionist
Mark Saczek.....	Rehabilitation Services
Cynthia Willis, PharmD, MS, RPL.....	Pharmacy Services
Perry Edwards.....	Pastoral Care/Chaplain Services
Daisy Drinkard.....	American Cancer Society Representative
Stephen Hubbard, ATTY.....	Community Member
Donald Hunt, PhD.....	Nursing Administration
Blas Caroprese, PhD.....	Radiation Therapy
Brittany Sartain.....	Marketing Services

Letter from the Cancer Program Administrator

The year 2020 will go down in history as a monumental year of change in healthcare and in life as we know it. The COVID-19 pandemic has forced us all to live life a little differently, but also has forced innovation and change in a service industry that is often found operating under long-standing practices. In summary, COVID-19 has forced us out of our comfort zones and pushed us into the next era of healthcare. Socrates said, “The secret of change is to focus all of your energy, not on fighting the old, but on building the new.” While there are many of us that speak about our return to normal, I believe we have the amazing opportunity to forge the new normal and create a better environment for our patients, their families and each other.

Though many things across the nation had to pause, cancer care could not. Our teams worked diligently to implement protocols that allowed us to adhere to stringent safety guidelines, without interrupting much needed care for our cancer patients. This included the initiation and increase in remote, telehealth visits, and we hope to continue to build on this opportunity to engage with our patients in a new way. We also implemented wellness-screening stations for all patients and staff and added mandatory masking, social distancing and enhanced sanitation measures.

This year also has been a great one for collaboration and structuring the cancer program manage the care of our patients more effectively. We now operate under one divisional cancer committee and Commission on Cancer accreditation. This is important as we work to establish unified quality and safety goals and bring the best practices of all our facilities and team members under one umbrella. This included the consolidation of our weekly multidisciplinary treatment planning conferences or tumor boards. We are fortunate to have an incredible group of physician cancer specialists and different versions of this group meet weekly in one of our four site-specific tumor board discussions. These sessions are an important part of the planning process and give us the best information to provide the best possible outcomes for our patients.

The UT Health East Texas health system is almost three years old, and I am incredibly proud of what the program has accomplished over these past few years. My position is merely to help drive and direct the discussion. The committee members have done the heavy lifting. We are strong, and our program is gaining momentum. The support and input from all members of the committee, the cancer program and the community continues to be crucial as we push forward.

Thank you for trusting UT Health East Texas as your cancer care provider for life.



Cody H. Boyd
CEO, UT Health North Campus Tyler
Division Administrator for Cancer Services, UT Health East Texas

Radiation Oncology

Radiation therapy is used to destroy tumor cells while preserving surrounding normal tissue to the greatest extent possible. Radiation is often combined with surgery and/or systemic therapy, such as chemotherapy, hormonal therapy or immunotherapy, to cure or control malignant disease. In certain instances, radiation therapy alone may be the single best method for the treatment of cancer. In other situations, radiation therapy can be used as a supportive measure to reduce bleeding, pain or other symptoms.

The UT Health East Texas HOPE Cancer Center provides radiation therapy services in three facilities across East Texas. These centers are located at UT Health Tyler, UT Health North Campus Tyler and UT Health Athens. Our geography allows us to service a region extending from the outskirts of Dallas to the Louisiana border and from Mt. Pleasant to Lufkin. Patients have been treated at the UT Health East Texas HOPE Cancer Center by our expert team of health specialists, which includes physicians, physicists, dosimetrists, radiation therapists, CT technologists, nurses and other support personnel. Our teams are led by the radiation oncologist, a physician who specializes in the treatment of cancer and other conditions with radiation therapy.

After careful discussion and review of the patient's case with the surgeon, the medical oncologist, the radiologist and/or other clinical personnel, the radiation oncologist determines

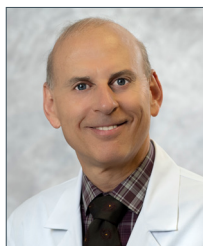
which radiation therapy plan is best suited for the patient. The radiation oncologist plans the patient's treatment and carefully monitors the patient's progress during and after treatment. Once radiation treatment begins, the radiation oncologist sees the patient at least once a week.

The physicist and the dosimetrist assist the radiation oncologist by helping to design the optimal radiation treatment plan for the patient's case, insuring that therapy is delivered in the safest and most efficient manner. Their goal is to design a treatment plan that will address the tumor or area of concern as the physician intended, while at the same time sparing normal tissue as much as possible.

Radiation therapists work with the radiation oncologist to set up and deliver daily treatment on one of the high-energy linear accelerators (treatment machines).

Nurses work with the radiation oncologist to monitor the patient's well-being during treatment and to provide information and support to the patient and their family.

Every staff member at the cancer institute has one goal: to treat the patient in the most effective and compassionate way. We consider it an honor and a privilege to care for our patients.



Bruce E. Ellerin, JD, PhD, MD
Board-Certified Radiation Oncologist



Radiation Oncology Team at UT Health East Texas HOPE Cancer Center.



Dedicated Oncology Unit

The Poindexter Oncology Unit at UT Health Tyler is a 36-bed unit, staffed by knowledgeable, highly skilled registered nurses, bringing compassion and empathy to our patients. Our goal is to bring safe, quality care to our patients through our compassionate staff.

The inpatient cancer care service is part of the Commission on Cancer accredited UT Health East Texas HOPE Cancer Center. This accreditation recognizes cancer care programs for their commitment to providing comprehensive, high-quality and multidisciplinary, patient-centered care. As a part of our commitment to quality, all registered nurses are to achieve and maintain their status as Oncology Certified Nurses (OCN). Registered nurses providing chemotherapy also are certified to administer chemotherapy to our patients. The Commission on Cancer understands the importance of an OCN nursing staff, and we have been fortunate to receive commendations for this standard of care.

Our nurses apply evidence-based practices to achieve optimal outcomes for our patients, ensuring that the physical, emotional, spiritual and long-term care needs of patients are met. The Poindexter Oncology Unit works as part of the multidisciplinary cancer care team to provide care continuity and optimal outcomes. This team includes physicians, nursing, radiation oncology, surgery, physical therapy, nutrition, pharmacy, case management, palliative care and many others. The nursing team is vital in the care of our patients, and we take pride in being a part of this critically important care team.

Inpatient cancer care is not generally something on any to-do list. We look at this as an opportunity to create a positive experience for each of our patients. The physician and nursing staff add a level of care that is comforting and secure, and we enjoy bonding with our patients and their families to provide a warm and relaxing hospital stay. It is important for our patients to have a partner through this life-altering process and comforting the patient and their loved ones is what we do.

Tawana Burgess, RN, OCN
Inpatient Oncology

*“Until today, I wasn’t sure
of just how much I could endure.
But now I’ve found, with thanks to you,
I’m stronger than I ever knew.”*

*Johnny Ray Ryder, Jr.
Excerpt from “The Oak Tree”*

UT Health East Texas HOPE Breast Care Center

The UT Health East Texas HOPE Breast Care Center continues its mission of early breast cancer detection through a dedicated, compassionate, personalized and comprehensive breast care program. We offer a full range of services for screening and early detection of breast cancer including diagnostic and screening mammograms, diagnostic and screening breast ultrasounds, stereotactic biopsies, ultrasound guided biopsies, breast MRI, cyst aspirations, hook wire placements, sentinel lymph node injections and galactograms. Bone density testing also is available at the center. Two of the Breast Care Center's greatest assets are its radiologists, Michael J. Klouda, MD, and Brandon Ashton, MD.

Dr. Klouda is board-certified in diagnostic radiology. He earned his doctor of medicine from Rush Medical College in Chicago and completed a fellowship in breast imaging at The University of Chicago.

Dr. Ashton is also board-certified in diagnostic radiology. He earned his doctor of medicine from The University of Texas Medical Branch at Galveston and completed a fellowship in breast imaging at Vanderbilt Medical Center in Nashville.

The certified mammography technologists that staff our breast care center and mobile mammography unit boast more than 110 years of breast imaging experience. All patients receive personalized, one-on-one interaction with a technologist who understands their apprehension regarding this necessary screening exam.

Of all the breast cancer diagnosed at UT Health East Texas HOPE Breast Care Center, 70% were either stage 0 (DCIS) or stage 1. This small tumor size at diagnosis affords many women the option of choosing among various therapies to treat their cancer, as well as providing the obvious survival benefit that early detection quickly into the treatment armamentarium of the multi-disciplinary approach that we utilize at UT Health East Texas.



Michael J. Klouda, MD
Medical Director



Brandon Ashton, MD
Radiologist

Genetic Testing

Knowing your cancer risk may help you and your doctor make better informed decisions about increased surveillance, early detection and treatment of certain cancers. Along with obtaining mammographic images, breast care center staff collect information from each patient regarding their family's cancer history. Genetic testing is offered to patients who meet certain criteria. If a woman is found to fall in the 'high risk' category (lifetime risk to develop breast cancer > 20 percent), then screening contrast-enhanced MR mammography is also available. The UT Health East Texas HOPE Breast Care Center genetic educator accepts referral from healthcare providers and evaluates each referral based on family history to determine if they meet criteria for genetic testing and/or high-risk management.

Screening ultrasounds are offered as a supplemental test in conjunction with screening mammograms for women with dense breast. Dense breasts have more fibrous and glandular tissue than fatty tissue, which can make it difficult for a radiologist to spot cancer on a mammogram. Studies have shown that ultrasound and MRI can help find breast cancers that can't be seen on a mammogram.

Mobile Mammography

The mobile mammography unit continues to make screening mammograms available throughout the region. Digital breast tomosynthesis (tomo), also known as 3-D mammography, is available on the mobile unit. Approximately 15-20% of breast cancers detected at the breast care center received screening mammograms via the mobile service.





Community Outreach

Each year, the UT Health East Texas HOPE Cancer Center offers a number of cancer outreach programs designed to enhance community access to cancer prevention, early detection and treatment. Lung, breast, colon, prostate and bladder ranked as the most frequently diagnosed cancers in the UT Health East Texas Cancer Registry in 2020.

Members of the Community Outreach Subcommittee include representatives from the UT Health East Texas HOPE Cancer Center in Tyler and Athens, UT Health Tyler and UT Health Athens, Northeast Texas Health Department (NET Health) and Hospice of East Texas. Collaboration occurred between the health system, community pediatric practices, the American Cancer Society and NET health. Monthly meetings halted after the first of the year due to COVID-19 as most of committee members took on additional duties due to the pandemic. Some of the core members of this committee continued to communicate to ensure outreach continued. The hope is to resume monthly meetings in 2021.

The community needs assessment indicated that residents are not aware of cancer screening guidelines. One of the 2020 screening program areas of focus was early detection of colorectal cancer. The target population, adults 50-75, were informed regarding colorectal cancer screening guidelines. Two hospital-based events, one in Tyler and a second in Pittsburg, were held to inform UT Health employees and community residents about screening guidelines and to identify participants that met the guidelines for colon screening. A third event was planned for Quitman, but was cancelled due to COVID-19.

At the Tyler event, we encouraged everyone to dress in blue for colorectal cancer awareness month. We shared a photo on social media, educated individuals with the giant inflatable colon and had a local council member present a proclamation that March is Colorectal Cancer Awareness Month. Individuals that were uninsured or needed assistance in paying, were referred to a program at UT Health North Campus Tyler. People that were interested completed an intake form to determine eligibility. Each participant that met criteria was offered a free FIT stool test or a colonoscopy, depending on family history or provider recommendation.

Because of COVID-19, we scheduled an online human papillomavirus (HPV) vaccination education event targeted to parents of school-aged children to increase the participant's knowledge and awareness of cancer risks associated with HPV. This was a Facebook Live video with a UT Health East Texas Physicians primary care provider that discussed the importance of the vaccine, common signs and symptoms and general facts. There were several engaged live viewers, with multiple questions asked during the event. After one day, our event reached a total of 1,406 individuals with 783 views. Two weeks out, the event reached a total of 1,828 individuals and there were 957 video views.

The East Texas Pin-A-Sister™ program is a faith-based breast cancer awareness program targeting African American women in Smith County. The program began in 2010 and more than 11,000 women have participated. These participants have received health information on the importance of obtaining an annual screening mammogram, knowing their family health history and the importance of cancer screenings.

Even though going out into the community was nearly impossible this year, we were still able to have a mobile mammography day. The mobile unit parked at UT Health East Texas Physicians on North Gentry Parkway in Tyler. Our target audience was low-socioeconomic individuals who may need assistance in paying for mammograms or who had not been previously screened. There were 23 individuals scheduled and a total of 15 were tested. All 15 received letters with results. There was one positive result, but after a follow-up, no cancers were identified. Our hope is to continue to do this in a safe way to help members in our community receive screenings.

Michael J. Klouda, MD

Medical Director, UT Health East Texas HOPE Breast Care Center

Brandon Ashton, MD

Radiologist, UT Health East Texas HOPE Breast Care Center

Regina Davis, MHA

Director, UT Health East Texas HOPE Breast Care Center

Carlton Allen, MS

Community Outreach Coordinator, The University of Texas Health Science Center at Tyler



Tyler Neurosurgical Associates

Tyler Neurosurgical Associates continues its tradition of excellence in treating cancer patients in the greater East Texas region and surrounding areas. Our highly specialized surgeons remain committed to establishing trust by providing compassionate care in a timely, professional manner as we have since 1972.

The brain and spine are part of a complex nervous system. Our group of skilled neurosurgeons has nearly 50 years of success in treating cancers in this area, such as primary or metastatic brain tumors, spinal tumors or tumors near the spinal column or peripheral nerves.

There are a variety of procedures that Tyler Neurosurgical Associates can perform to treat those with cancer, but one of the most non-invasive alternative treatments provided is with the Cyberknife system. This system delivers high doses of precisely target radiation to destroy cancerous and non-cancerous tumors or lesions within the body and other conditions where radiation therapy is indicated. Because it is able to target diseased tissue, the Cyberknife is much more accurate than traditional radiation therapy. It is an excellent alternative for patients who cannot or do not want to undergo surgery and for patients with tumors that are inoperable or complex, such as those within the spine or brain. Radiation treatment using a system such as the Cyberknife can be used to treat other targeted areas throughout the body including the lungs, prostate, pancreas and kidneys. It is also beneficial in treating a facial pain condition known as trigeminal neuralgia.

Candace Brown, MPA

Administrator, Tyler Neurosurgical Associates

Clinical Trials

At the UT Health East Texas HOPE Cancer Center, our caring and highly experienced oncologists are committed to the fight against cancer by not only providing compassionate, comprehensive care to cancer patients, but also by participating in clinical research trials that are dedicated to finding the treatments of tomorrow.

Clinical research trials are the final step in a long process that begins with research in a laboratory where researchers work for many years to develop new drugs for the treatment of cancer and understand how best to fight cancer. Once these developmental drugs are approved for use in a clinical research trial, cancer patients are given the option of participation in a trial to determine whether the new treatment is an improvement over currently available treatment. Clinical trials also help us find new ways to prevent and detect cancer and improve the quality of life for people during and after treatment by investigating ways to minimize side effects. Clinical trials are one

of the keys to making progress against cancer, and today's patients are living longer lives from approved cancer treatments that are the result of past clinical trials.

The physician team at UT Health East Texas HOPE Cancer Center works in collaboration with the clinical research team to provide local access to treatment options available via clinical trials, including offering some of the same trials found at major cancer treatment centers. Participation in a clinical trial is voluntary and while treatment in a clinical trial is a valuable option to have available and consider, it is not for everyone. The decision whether or not to participate is very important and only the patient can make that choice after careful consideration of the risks and benefits. If you or a loved one needs treatment for a cancer diagnosis, consult with a UT Health East Texas HOPE Cancer Center oncologist who can discuss your options, including any available options for participation in a clinical research trial.

For more information about clinical trials at UT Health East Texas HOPE Cancer Center or to schedule an appointment, call 903-592-6152.



Cancer Data Services

The cancer data services department (cancer registry) of the UT Health East Texas HOPE Cancer Center is a case specific database with detailed information about each patient's type of cancer.

The registry is a central component of the UT Health East Texas health system and it plays a large role in improving quality through retrospectively analyzing patterns and trends in the diagnosis and treatment of cancer. The registry identifies cancer patients seen at UT Health East Texas by utilizing a computer software program (Elekta-Metriq) designed especially for cancer data collection. We collect extensive data on each patient, including demographic data, diagnostic findings, primary site of malignancy, histology, stage of disease, treatment and survival data.

In the year 2019, a total of 1,606 new cancer cases were accessioned into the UT Health East Texas Tyler, Athens and North Campus Tyler registry database. Since our reference date of January 1996, a total of 25,450 cases have been accessioned into the registry. We follow 14,232 patients for a lifetime. Our successful follow-up rate since registry date is 82.48% and the past five years of analytic cases follow-up rate is 90.94%. We report statistical information to the Texas Department of Health-Cancer Registry Division and to the National Cancer Database (NCDB). We also post our annual stats to the American Cancer Society's website for public viewing. The statistical information reported to the State

Registry and NCDB is used for research purposes to gain insight into cancer incidence and to assess effective treatment modalities for cancer.

The cancer data services personnel are active members in the National Cancer Registrar Association (NCRA) and the Texas Tumor Registrars Association (TX-TRA). We also participate in the educational monthly NAACCR webinars and the annual East Texas regional workshop for registrars. The cancer data services staff actively participates in the quarterly Cancer Committee meetings and weekly prospective treatment planning conferences. We participate in the American College of Surgeons' (CP3R) Cancer Program Practice Profile; (RQRS) Rapid Quality Reporting System and National Cancer Database Comparison Benchmark, as well as in-house audits, which monitor quality of patient care.

The approved cancer program benefits patients, the professional staff members, the hospital and the community through:

- Institutional commitment to the provision of high-quality cancer care
- Access to multidisciplinary consultation
- Annual follow-up
- Availability of registry data
- Educational programs
- Comparison of regional clinical experiences with national data
- Research protocols
- Cancer resources/patient counseling
- Ongoing cancer screening program
- High-quality multidisciplinary care available close to home

The cancer data services department is a service designed to promote the continuity of quality care for the cancer patient. Great emphasis is placed on high-quality cancer registry data and a foundation for future analyses here at the UT Health East Texas.

Cancer Data Services Personnel

Almarie Moore, CTR

Cancer Data Service Manager

Sandy Spurbeck

Cancer Data Service Abstractor

Kristen Steinbrecher, COTA, BSHP, CHIT

Cancer Data Service Abstractor

JoAnn Hampton, CCRA

Cancer Data Service Abstractor

Dana Stegall

Cancer Data Service Abstractor

Dena Wright

Cancer Data Service Assistance

Quence Miller

Cancer Data Service Follow-up Clerk

Robin Stokes, LVN, CTR

Cancer Data Services

2019 Summary of Program Components

1,606 New Cancer Cases Accessioned

626 Total Licensed Beds

18 Oncology Beds

39 Full-time Oncology Nurses

15 OCN (Oncology Certified Nurses)

Medical Oncology/Hematology

Radiation Oncology

Pathology

Diagnostic Radiology

General Surgery

Specialized Surgery

Community Hospital Comprehensive
Oncology Program

Components of UT Health East Texas HOPE Cancer Center ACoS Approved Cancer Program

Integrated Network Multidisciplinary
Cancer Committee

Weekly Prospective Treatment Planning
Conferences

(Site Specific Weekly Prospective Breast,
Lung, GI and General Cancer)

Clinical Trials

Continuing Medical Education (CME)

Cancer Resource/Patient Counseling

Breast Care Center w/Mobile
Mammography Unit

Quality Studies (CoC/In-House Audits)

Fully Computerized Cancer Registry

2019 Prospective Treatment Planning Conferences Primary Cancers Presented

Sites Discussed

Anal	2
Appendix	2
Bladder/Renal Pelvis/Ureter	4
Bone Marrow	1
Brain	36
Breast	394
Colo-Rectal	30
Esophagus	13
GI, NOS	2
GYN	6
Head & Neck, NOS	3
Hodgkin's /Non-Hodgkin's	15
Homozygous w/Hemochromatosis	1
Kidney	8
Leukemia	1
Liver	15
Lung	265
Mouth	1
Nasopharynx	1
Pancreas	12
Prostate	5
Skin	4
Small Intestine	5
Soft Tissues	5
Stomach	1
Tendon Sheath	1
Testicle	2
Thyroid	4
Thymus	1
Tongue	1
Tonsil	2
Unknown Primary	7
Total	850



2019 Primary Site Table — Distribution of Total Cases

Primary Site	Analytic Cases	Non-Analytic Cases	Total Cases
Oral Cavity/Pharynx	26	25	51
Tongue	8	12	20
Salivary Gland	3	2	5
Mouth	Ø	1	1
Tonsil	1	1	2
Nasopharynx	7	4	11
Oropharynx	3	1	4
Hypopharynx	1	3	4
Other Oral Cavity & Pharynx	3	1	4
Digestive System	309	125	434
Esophagus	20	12	32
Stomach	17	10	27
Small Intestine	7	2	15
Cecum	11	6	36
Appendix	33	1	4
Ascending Colon	4	6	23
Hepatic Flexure	3	Ø	4
Transverse Colon	32	4	14
Splenic Flexure	2	Ø	6
Descending Colon	1	2	10
Sigmoid Colon	3	10	40
Large Intestine, NOS	25	4	7
Rectosigmoid Junction	5	9	22
Rectum	18	20	40
Anus, Anal Canal & Anorectum	5	4	21
Liver & Intrahepatic Bile Duct	13	11	45
Gallbladder	6	1	4
Other Biliary	5	Ø	5
Pancreas	36	22	70
Retroperitoneum	4	Ø	2
Peritoneum, Omentum & Mesenteric	16	1	4
Other Digestive Organs	44	Ø	3
Respiratory System	328	128	456
Larynx	5	6	11
Lung & Bronchus	323	122	445

Primary Site	Analytic Cases	Non-Analytic Cases	Total Cases
Soft Tissue	5	Ø	7
Skin (excluding Basal & Squamous)	20	24	44
Melanoma — Skin	17	21	38
Other Non-Epithelial Skin	3	3	6
Breast	246	74	320
Female Genital Organs	44	26	70
Cervix Uteri	9	5	14
Corpus Uteri/Uterus/Vagina/Vulva	25	11	36
Ovary	10	9	19
Male Genital Organs	150	147	297
Prostate	142	145	287
Testis	5	2	7
Penis	3	Ø	3
Urinary System	175	44	219
Bladder	80	19	99
Kidney/Renal Pelvis	90	23	113
Ureter	5	2	7
Eye & Orbit	Ø	Ø	Ø
Central Nervous System (CNS)	75	11	86
Brain	32	4	36
Meninges/Other CNS	43	7	50
Endocrine System	30	7	37
Thyroid	18	4	22
Other Endocrine Glands including Thymus	12	3	15
Lymphoma	82	49	131
Hodgkin's	5	47	52
Non-Hodgkin's Lymphoma	77	2	79
Lymphatic/Hematopoietic	60	37	97
Leukemia	23	22	45
Myeloma	37	15	52
Mesothelioma	2	Ø	2
Kaposi Sarcoma	2	Ø	2
Miscellaneous Sites	50	24	74
Total Number of New Cases for 2019	1606	721	2327

Expected New Cancer Cases and Deaths by Primary Site

Texas, 2020

Primary Site 2020	EXPECTED NEW CASES			EXPECTED DEATHS		
	Total	Male	Female	Total	Male	Female
All sites	127,131	65,310	61,821	45,858	24,818	21,041
Oral Cavity and Pharynx	3,464	2,527	937	782	571	211
Esophagus	1,245	993	251	986	795	190
Stomach	2,080	1,250	830	1,103	667	435
Colon excluding Rectum	8,163	4,315	3,848	3,455	1,917	1,539
Rectum and Rectosigmoid Junction	3,469	2,146	1,322	821	507	315
Liver and Intrahepatic Bile Duct	3,958	2,827	1,131	2,678	1,834	844
Pancreas	3,830	1,994	1,836	3,120	1,611	1,508
Larynx	955	796	158	293	243	50
Lung and Bronchus	15,533	8,527	7,006	10,792	6,139	4,653
Melanoma of the Skin	4,092	2,549	1,543	577	388	189
Breast	18,478	200	18,277	3,288	34	3,254
Cervix Uteri	1,389	∅	1,389	449	∅	449
Corpus and Uterus, NOS	3,838	∅	3,838	735	∅	735
Ovary	1,761	∅	1,761	1,018	∅	1,018
Prostate	14,468	14,468	∅	2,165	2,165	∅
Testis	782	782	∅	39	39	∅
Urinary Bladder	4,544	3,528	1,016	1,078	791	287
Kidney and Renal Pelvis	5,948	3,679	2,269	1,311	854	457
Brain and Other Nervous System	1,921	1,042	880	1,282	706	577
Thyroid	3,670	945	2,725	159	76	83
Hodgkin Lymphoma	696	387	309	105	63	42
Non-Hodgkin Lymphoma	5,312	2,947	2,365	1,570	896	674
Myeloma	2,246	1,248	998	964	538	426
Leukemia	4,241	2,483	1,757	1,837	1,098	739
Kaposi Sarcoma	150	135	15	6	3	3

Totals may not sum due to rounding.

All sites includes all malignant cancers and in-situ bladder cancer. Leukemia and melanoma skin cancers are underreported to the Texas Cancer Registry – actual number of new cases may be higher.

Expected new cases estimated by applying age-, race-, and sex-specific 2013-2017 incidence rates for Texas to the 2020 projected population of Texas.

Expected deaths estimated by applying age-, race-, and sex-specific 2013-2017 mortality rates for Texas to the 2020 projected population of Texas.

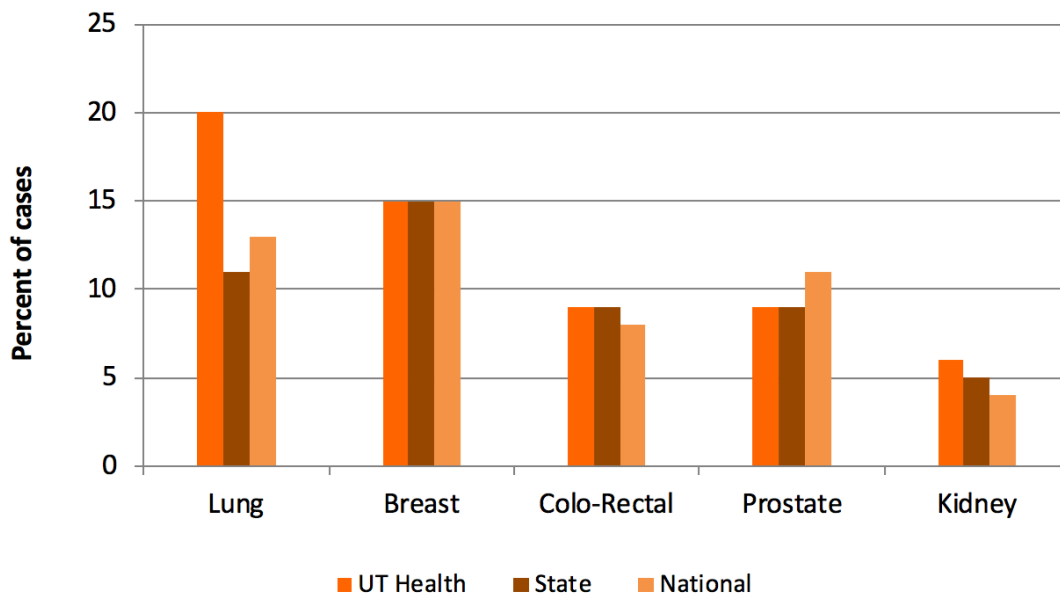
Prepared by: Texas Cancer Registry, Cancer Epidemiology and Surveillance Branch, Texas Department of State Health Services, January 2020

2019 Five Major Sites

Total Analytic Cases: 1,606

SITE	UT HEALTH EAST TEXAS	TEXAS	NATIONAL
Lung	323 (20%)	14,830 (11%)	228,820 (13%)
Breast	246 (15%)	19,590 (15%)	276,480 (15%)
Colo-Rectal	144 (9%)	11,430 (9%)	147,950 (8%)
Prostate	141 (9%)	12,110 (9%)	191,930 (11%)
Kidney	90 (6%)	5,948 (5%)	73,750 (4%)

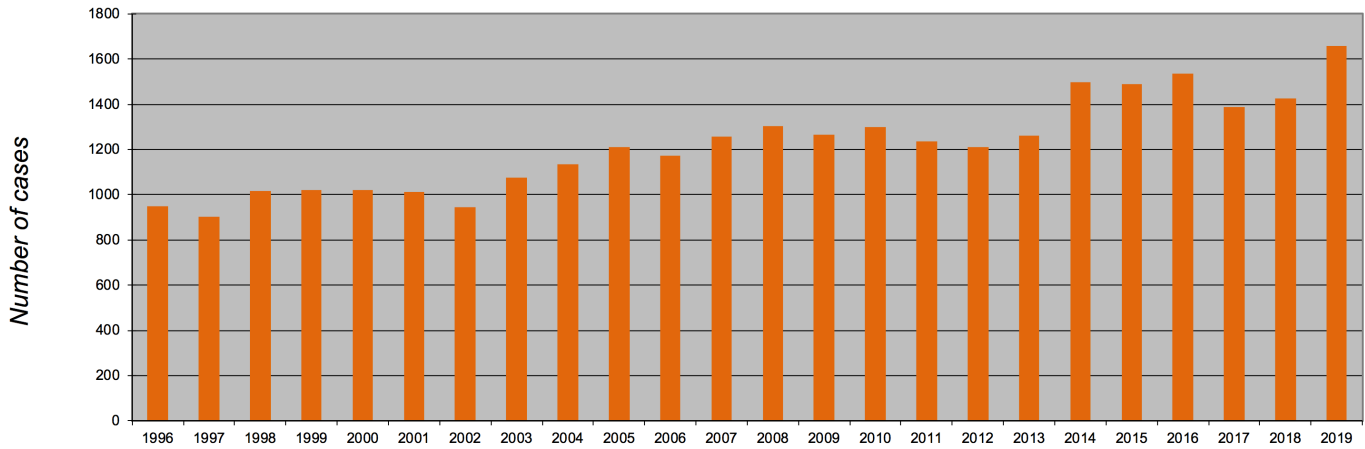
Source: Texas & United States-American Cancer Society & Texas Cancer Registry
 2020 Cancer Facts and Figures by State (Total New Cases 129,770)
 2020 Cancer Facts and Figures by United States (Total New Cases 1,806,590)
 UT Health East Texas HOPE Cancer Center



1996-2019 Total Registry Cancer Cases

YEAR	NUMBER OF CASES
1996	947
1997	901
1998	1015
1999	1019
2000	1021
2001	1013
2002	945
2003	1076
2004	1136
2005	1210
2006	1172
2007	1258

YEAR	NUMBER OF CASES
2008	1303
2009	1266
2010	1300
2011	1234
2012	1209
2013	1261
2014	1499
2015	1489
2016	1534
2017	1389
2018	1424
2019	1660

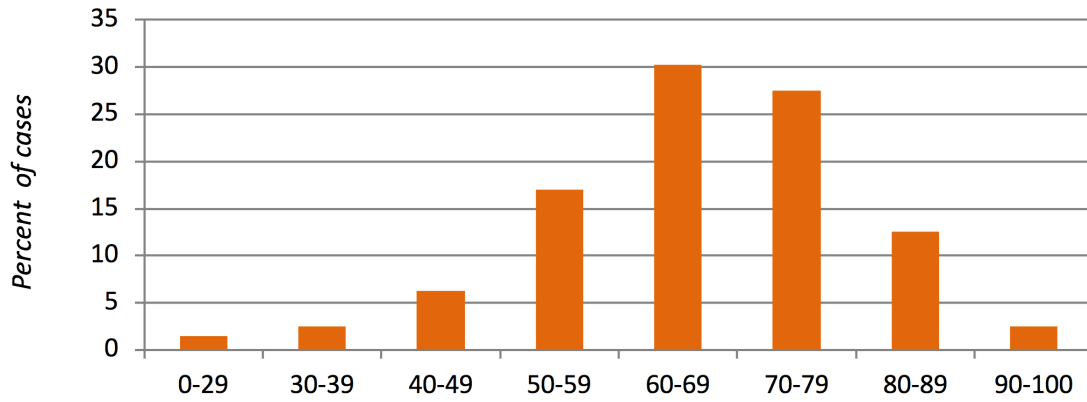


2014-Integrated with ETMC-ATHENS

2019-Integrated with UT Northeast

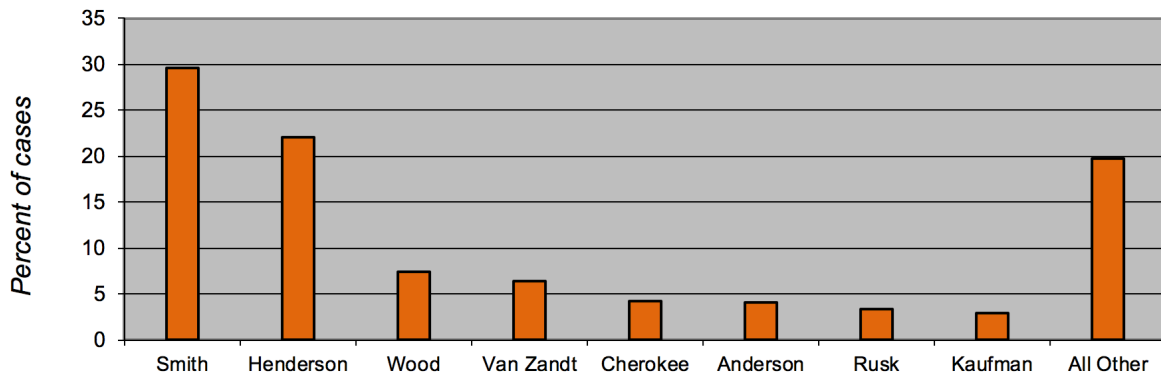
Distribution by Age at Diagnosis

2019 Total Analytic Cancer Cases



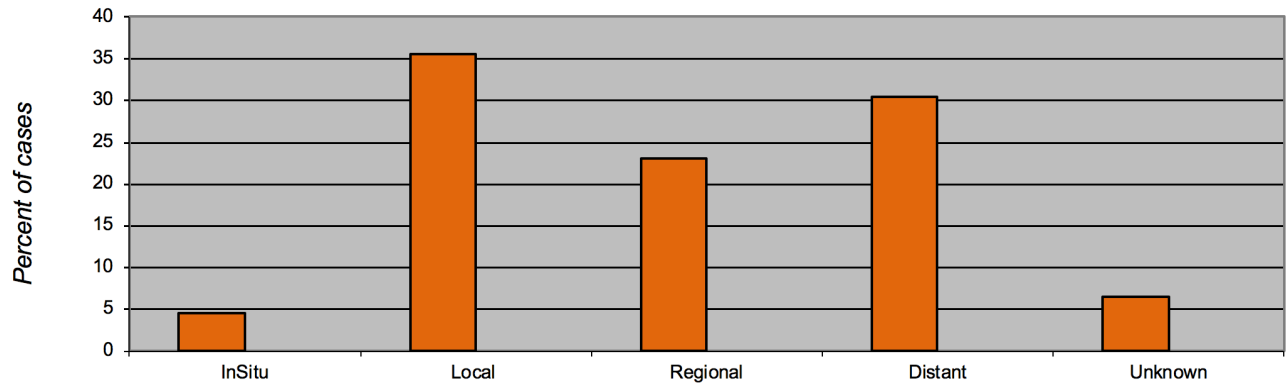
Distribution by State/County

2019 Colorectal (177 Total Analytic Cases)



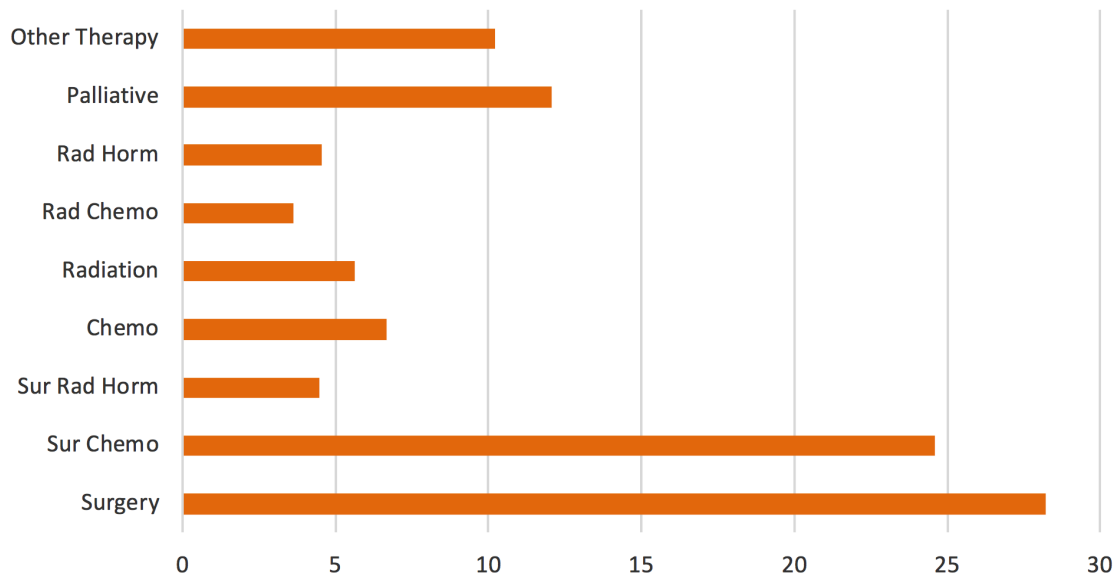
Distribution by General Summary Stage

2019 Total Analytic Cases



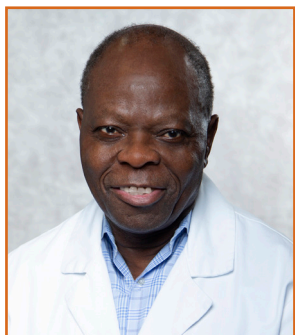
Distribution by Initial Therapy

2019 Total Analytic Colorectal



UT Health East Texas HOPE Cancer Center

At the UT Health East Texas HOPE Cancer Center, our caring and highly experienced oncologists are committed to the fight against cancer by not only providing compassionate, comprehensive care to cancer patients, but also by participating in clinical research trials that are dedicated to finding the treatments of tomorrow.



Michael Y. Ashigbi, MD
Oncology/Hematology



Myrtha Basile, MD
Oncology



Robert Droder, MD
Oncology/Hematology



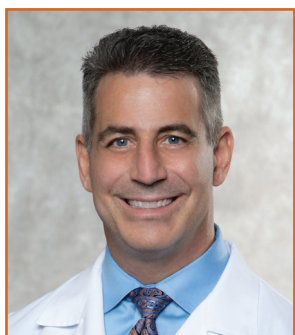
Katrina Glover, MD
Oncology



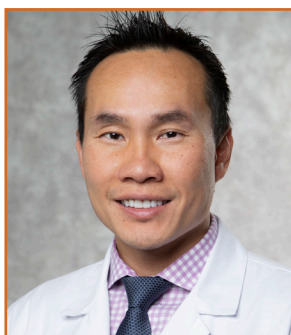
Arielle S. Lee, MD
Oncology/Hematology



Lance Mandell, MD
Oncology/Hematology



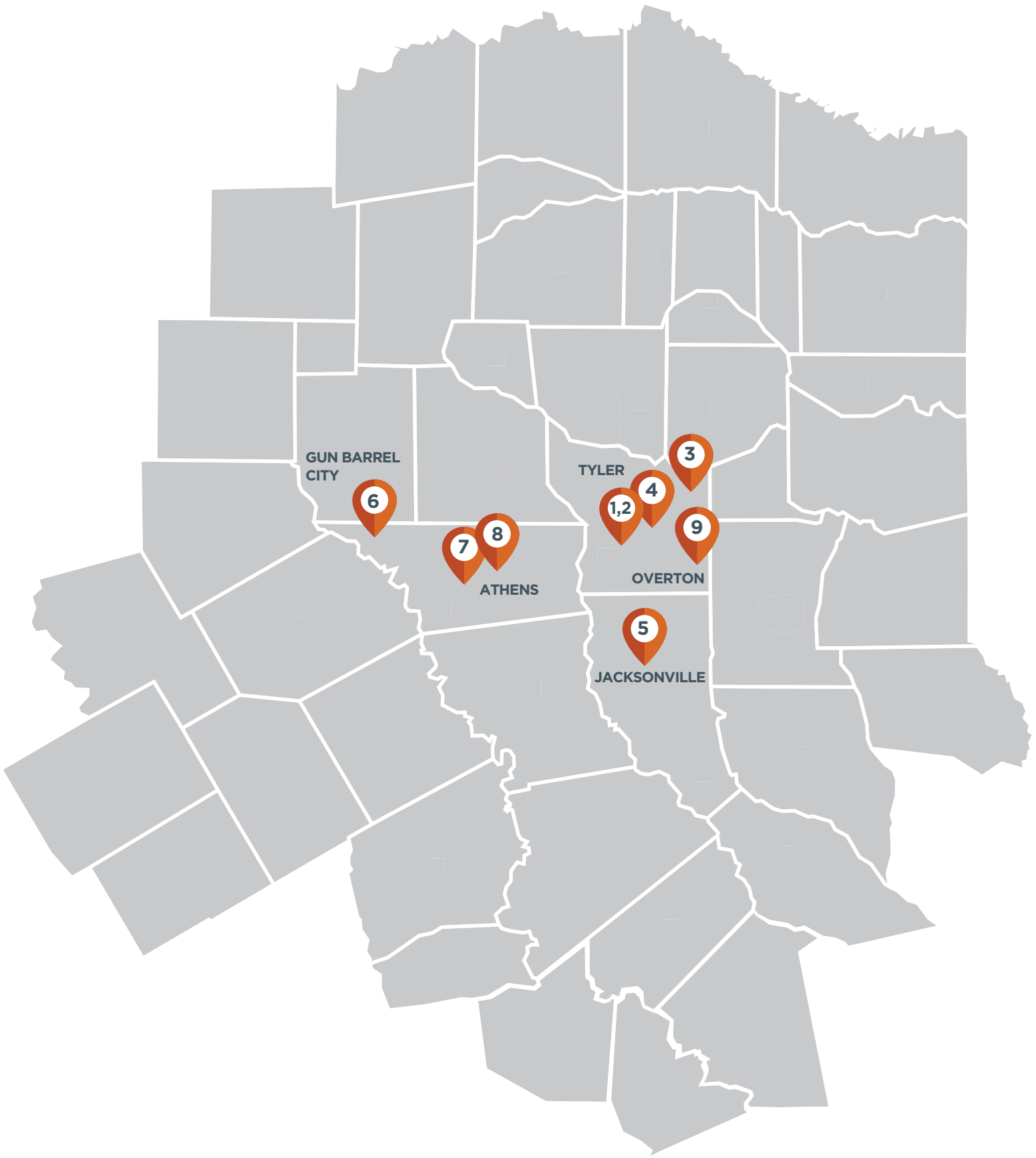
Joseph T. Martins, MD
Oncology/Hematology



Shawn Tai, MD
Oncology



Marc E. Usrey, MD
Oncology/Hematology



Locations

- 

**1 UT Health East Texas
HOPE Cancer Center-Tyler**
721 Clinic Dr.
Tyler, TX 75701
P: 903-535-6301
- 

**2 UT Health East Texas
HOPE Cancer Center-Tyler**
A department of UT Health North Campus Tyler
721-A Clinic Dr.
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P: 903-592-6152
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**3 UT Health East Texas
HOPE Cancer Center-North Campus Tyler**
11937 U.S. Hwy. 271, Building G
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**4 UT Health East Texas
HOPE Breast Care Center**
700 Olympic Plaza, Ste. 100
Tyler, TX 75701
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- 

**5 UT Health East Texas
HOPE Cancer Center-Jacksonville**
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Jacksonville, TX 75766
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- 

**6 UT Health East Texas
HOPE Cancer Center-Cedar Creek Lake**
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Gun Barrel City, TX 75156
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- 

**7 UT Health East Texas
HOPE Cancer Center-Athens**
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113 Medical Cir., Ste. 106
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**8 UT Health East Texas
HOPE Cancer Center-Athens**
Treatment Center
1801 S. Palestine St.
Athens, TX 75751
P: 903-677-8300 • F: 903-677-8354
- 

**9 UT Health East Texas
HOPE Cancer Center-Overton**
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Overton, TX 75684
P: 903-392-8150



UTHealth

East Texas

HOPE Cancer Center

A department of UT Health North Campus Tyler

HOPECancerTexas.com