



**UTHealth**

East Texas

HOPE Cancer Center



# 2021 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	Alexandria Phan, MD, FACP, Medical Oncology/Hematology Director
2021	Shawn Tai, MD, Medical Oncology/Hematology

## 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 2021 Cancer Committee Members

Shawn Tai, 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 Grahm, 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
Lakeye Hurd.....	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 Administration

The COVID-19 pandemic turned the world of healthcare upside down in 2020. About the time we thought we were coming out from under this, it came back for another round in 2021. While this may not have been the year we anticipated, our team of cancer caregivers responded by rising to the challenge and quickly shifting their focus to what was needed. Cancer does not listen to stay-at-home orders or adhere to social distancing guidelines. Cancer does not stop, and we must not either.

The pandemic brought many terrifying events to the forefront, but these were catalysts to change and forced innovation and progress to an entire new level. Our teams quickly collaborated and worked together to mitigate issues brought on by the pandemic, and I would say that we have emerged stronger than ever. We have expanded our access and pathways to provide care, research has continued and some have found a new purpose in their healthcare careers. This past year has been tough, but we have proven that this team is tougher. Each member carries a relentless passion and mission, to reduce the impact cancer has on fellow East Texans. Nothing can change that.

Our program has grown, and we have been fortunate to welcome new physicians and other caregivers to the East Texas area. This growth has come through expanding existing service areas, as well as adding specialists that will help us provide a higher level of comprehensive care. The collective power of our physicians and staff, with the incredible work of our Cancer Committee, allows our program to continue to move the needle in the areas of quality, safety, access and improved outcomes. Our people are the reason UT Health East Texas HOPE Cancer Center has become the amazing cancer center it is today. Their expertise and compassion allows us to provide life-changing care to our patients, and their curiosity and creativity are the reason we can pave new paths in community outreach and research. Our people are the reason we continue to thrive.

Healthcare is an evolving environment, and one where change is imminent. Regardless of what challenges lie ahead, the UT Health East Texas HOPE Cancer Center - our patients, their families and each other — will be ready.

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

# 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.



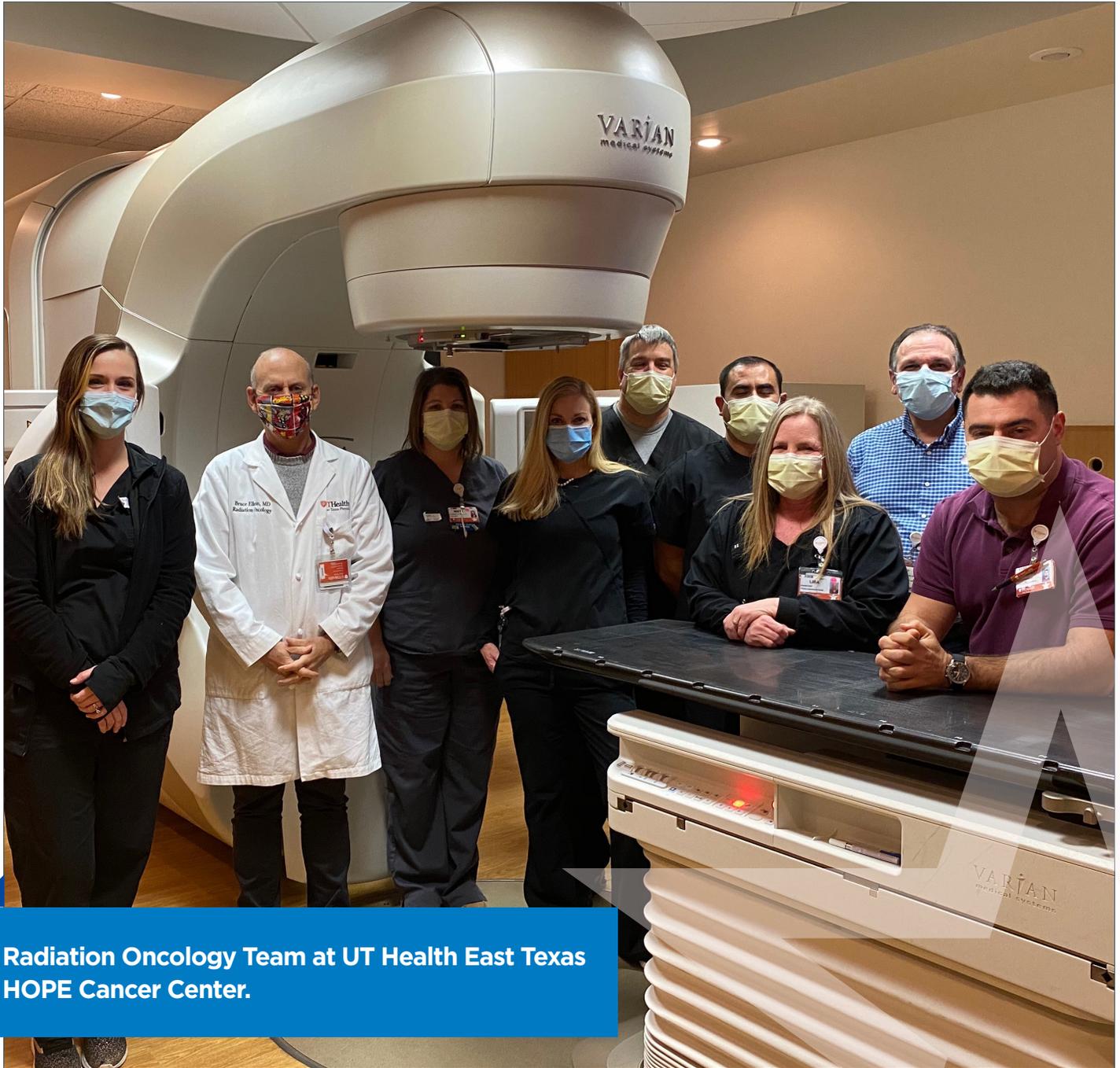
**Bruce E. Ellerin, JD, PhD, MD**  
Board-Certified  
Radiation Oncologist



**Lewis G. Smith, III, MD**  
Board-Certified  
Radiation Oncologist



**Michael Bastasch, 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

## Outpatient Cancer Care

Outpatient cancer care is supported through our Commission on Cancer-accredited UT Health East Texas HOPE Cancer Center. We strive to provide a comfortable, convenient and safe environment for outpatient treatment at various locations throughout East Texas.

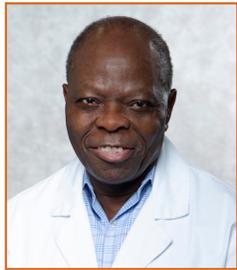
- UT Health HOPE Cancer Center Tyler (includes chemotherapy, radiation and immunotherapy infusion services)
- UT Health HOPE Cancer Center North Campus Tyler (includes chemotherapy, radiation, immunotherapy and blood products infusion services)
- UT Health HOPE Cancer Center Athens (includes chemotherapy, radiation and immunotherapy infusion services)
- UT Health HOPE Cancer Center Jacksonville

Infusion services are provided by oncology certified registered nurses (OCN) who also maintain a certificate of added qualification to safely administer chemotherapies and immunotherapies. Clinic services are available Monday through Friday to meet the needs of our patients. Also, we work closely with our local hospitals to provide inpatient care which includes chemotherapy and other support measures, such as transfusions of blood products and emergency care.



# 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  
Hematology/Medical Oncology



Archana Chidambaram, MD  
Hematology/Medical Oncology



Myrtha Basile, MD  
Hematology/Medical Oncology



Robert Droder, MD  
Hematology/Medical Oncology



Katrina Glover, MD  
Hematology/Medical Oncology



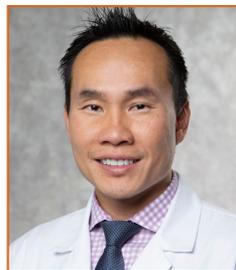
Arielle S. Lee, MD  
Hematology/Medical Oncology



Harold "Lance" Mandell, MD  
Hematology



Joseph T. Martins, MD  
Hematology/Medical Oncology



Shawn Tai, MD  
Hematology/Medical Oncology



Marc E. Usrey, MD  
Hematology/Medical Oncology

## 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 3D tomosynthesis mammography for screening and dx 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.

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.

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.

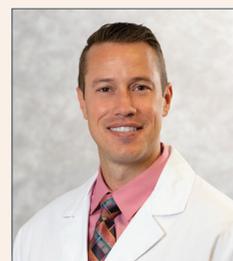
Dr. Ashton is also board-certified in diagnostic radiology. He earned his doctor of medicine from The University of Texas Medical Branch at Galveston and completed a fellowship in breast imaging at Vanderbilt Medical Center in Nashville.

The certified mammography technologists that staff our breast care center and mobile mammography unit boast more than 100 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, 73% 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.

## 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

As COVID-19 remains a threat within our community, we continue to take precautions such as masking and social distancing. Due to these precautions, most community events over the past year have been canceled or postponed. Social media has become an important tool in accessing information, and health messages circulating in social media continue to increase.

For **Cervical Cancer Awareness Month** in January, everyone was encouraged to dress in teal to show their support. UT Health North Campus Tyler asked employees to write their reasons for wearing teal on signs and pose for a picture. A video of Dr. Patti Olusola discussed the importance of cervical cancer screenings and prevention. Dr. Harsh Adhyaru wrote an article about cervical health and strategies to prevent cervical cancer, such as pap smears and HPV vaccines. Over 2,800 people discovered cervical cancer information that was shared throughout the month online.

In March, we recognized **Colorectal Cancer Awareness Month** through various events. Both UT Health East Texas and The University of Texas Health Science Center at Tyler launched a social media campaign highlighting resources and information about colorectal cancer. We were able to reach over 23,000 people on Facebook, Twitter, Instagram and LinkedIn. Like years before, the City of Tyler proclaimed March Colorectal Cancer Awareness Month. Employees were invited across all campuses to wear blue to show support for colorectal cancer. At UT Health North Campus Tyler, everyone was invited to participate in a photo booth with fun props and the giant inflatable colon. Videos were posted on social media outlets of Dr. Bola Olusola and Dr. Katarina Glover discussing colorectal cancer and the importance of screening. While COVID-19 had impacted the number of outreach events in early months, the colorectal cancer screening team was excited to finally attend several health fairs later in 2021 to promote our free stool test program. In August, the Cancer Prevention and Research Institute of Texas colorectal cancer grant adjusted its screening guidelines to include ages 45–75 years, following United States Preventive Services Taskforce guidelines, which allows us to screen more people in the community. Those who are uninsured or need financial assistance can be referred to the screening program to determine eligibility.

# Psychosocial Services

Receiving a cancer diagnosis can be overwhelming. It can impact many psychosocial aspects of one's life including emotional and mental health. The UT Health East Texas HOPE Cancer Center offers patients comprehensive psychosocial services to assist with treating concerns such as adjustment to living with a medical illness, coping with cancer, engaging with loved ones, worry, depression and fear.

Licensed psychologists, Dr. Abigail Happli and Dr. Crystal L. Frazier, lead our psychosocial efforts and look forward to expanding this essential service. Evidence-based psychology services can be provided in real time during patient medical appointments or at scheduled psychotherapy sessions.

Referrals for psychosocial services can be requested by the patient, their medical provider or via the results of a validated psychosocial distress screening administered to patients during their course of treatment. If a patient is identified as having a positive distress screen, a referral for psychosocial services is made. The patient is contacted by telephone and services are offered based on the level of patient distress and areas of concern.

For 2021 year-to-date, positive distress screening scales resulted in 152 patient calls. The number of outpatient psychotherapy sessions held with patients referred by their medical providers or who screened positive for distress was 124.



**Crystal Frazier, PsyD, MPA**  
Psychologist



**Abigail Happli, PsyD**  
Psychologist

*"Deep breathing is our nervous system's love language."*

*- Dr. Lauren Fogel Mersy*

# Clinical Trials

Clinical trials are research studies designed to evaluate new therapies for the treatment of illness and disease. Before a clinical trial can begin, scientists perform laboratory and animal tests to evaluate if new drugs are safe. Only if these pre-clinical studies show favorable results are the drugs given approval to be tested in humans. Oncology clinical research is the final step in this long process that leads to the approval of new and improved therapies to fight cancer and help patients live longer, healthier lives.

The highly trained, board-certified physician team at the UT Health East Texas HOPE Cancer Center works in collaboration with the UT Health HOPE Center for Clinical Research to provide access to the additional treatment options available via participation in clinical trials. Cancer patients then may have access to cutting edge science that will lead to the treatments of tomorrow while staying close to home, right here in East Texas. The team is able to provide clinical research options for many different cancer types, including lung, breast, prostate and bladder, as well as

hematological cancers such as lymphoma and multiple myeloma.

Participation in a clinical trial is voluntary, and while treatment in a trial is a valuable option to have available and consider, it is not for everyone. There are many different reasons a patient may choose to join a clinical trial. Perhaps treatments they have tried are no longer working, or they want access to a new treatment that has shown promise in earlier studies. Often participants want to be part of improving the lives of future cancer patients. New therapies and medical breakthroughs would not be possible without the generosity of clinical trial participants. The decision to participate is very important and only the patient can make that choice after carefully considering 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 participation in a clinical research trial.



# Cancer Data Services

The cancer data services department, or cancer registry, of UT Health East Texas has 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 cancer division, 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 the computer software program, Elekta-Metriq, which is designed 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.

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 statistics 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.

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 North American Association of Central Cancer Registries (NAACR) webinars and the annual East Texas regional workshop for registrars. Cancer data services staff actively participate in the quarterly cancer committee meetings and weekly prospective treatment planning conferences. We participate in the American College of Surgeons' Cancer Program Practice Profile, Rapid Quality Reporting System (RQRS), 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

**MaKayla Morgan**

Cancer Data Service Abstractor

**JoAnn Hampton, CCRA**

Cancer Data Service Abstractor

**Robin Stokes, LVN, CTR,**

Cancer Data Services

**Dana Stegall**

Cancer Data Service Abstractor

**Dena Wright**

Cancer Data Service Assistance

**Megan Davis**

Cancer Data Services PRN

# 2020 Summary of Program Components

1,508 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

# 2020 Prospective Treatment Planning Conferences Primary Cancers Presented

## Sites Discussed

Anal	5
Appendix	1
Bile Duct	1
Bladder/Renal Pelvis/Ureter	4
Bone Marrow	2
Brain	6
Breast	357
Colo-Rectal	61
Esophagus	9
Gallbladder	5
Gastric/Stomach	2
GYN	3
Head & Neck, NOS	15
Hodgkin's/Non-Hodgkin's	12
Kidney	7
Liver	32
Lung	199
Pancreas	24
Parotid Gland	3
Penis	1
Pituitary	1
Prostate	6
Skin	10
Small Intestine	6
Soft Tissues	2
Stomach	4
Testicle	2
Thyroid	2
Tongue	10
Tonsil	8
Unknown Primary	1
<b>Total</b>	<b>809</b>



## 2020 Primary Site Table — Distribution of Total Cases

Primary Site	Analytic Cases	Non-Analytic Cases	Total Cases
<b>Oral Cavity/Pharynx</b>	<b>26</b>	<b>18</b>	<b>44</b>
Tongue	6	1	7
Mouth	3	1	4
Tonsil	12	11	23
Oropharynx	2	2	4
Hypopharynx	3	2	5
Other Oral Cavity & Pharynx	∅	1	1
<b>Digestive System</b>	<b>278</b>	<b>94</b>	<b>372</b>
Esophagus	18	4	22
Stomach	15	2	17
Small Intestine	5	1	6
Cecum	26	6	32
Appendix	9	3	12
Ascending Colon	17	2	19
Hepatic Flexure	1	1	2
Transverse Colon	15	7	22
Splenic Flexure	5	∅	5
Descending Colon	5	3	8
Sigmoid Colon	29	17	46
Large Intestine, NOS	4	2	6
Rectosigmoid Junction	12	3	15
Rectum	29	16	45
Anus, Anal Canal & Anorectum	7	7	14
Liver & Intrahepatic Bile Duct	35	8	43
Gallbladder	6	3	9
Other Biliary	4	∅	4
Pancreas	31	8	39
Other Digestive Organs	5	1	6
<b>Respiratory System</b>	<b>287</b>	<b>84</b>	<b>371</b>
Nose, Nasal Cavity & Middle Ear	2	∅	2
Larynx	14	4	18
Lung & Bronchus	271	80	351

Primary Site	Analytic Cases	Non-Analytic Cases	Total Cases
<b>Soft Tissue</b>	<b>1</b>	<b>2</b>	<b>3</b>
<b>Skin (excluding Basal &amp; Squamous)</b>	<b>14</b>	<b>9</b>	<b>23</b>
Melanoma — Skin	9	7	16
Other Non-Epithelial Skin	5	2	7
<b>Breast</b>	<b>206</b>	<b>33</b>	<b>239</b>
<b>Female Genital Organs</b>	<b>43</b>	<b>15</b>	<b>58</b>
Cervix Uteri	9	2	11
Corpus Uteri/Uterus/Vagina/Vulva	22	7	29
Ovary	12	6	18
<b>Male Genital Organs</b>	<b>251</b>	<b>339</b>	<b>590</b>
Prostate	238	334	572
Testis	10	5	15
Penis	2	∅	1
Other Male Genital Organs	1	∅	1
<b>Urinary System</b>	<b>170</b>	<b>45</b>	<b>215</b>
Bladder	94	26	120
Kidney/Renal Pelvis	72	18	90
Ureter	2	∅	2
Other Urinary Organs	2	∅	2
<b>Central Nervous System (CNS)</b>	<b>60</b>	<b>6</b>	<b>66</b>
Brain	24	1	25
Meninges/Other CNS	36	5	42
<b>Endocrine System</b>	<b>31</b>	<b>4</b>	<b>35</b>
Thyroid	21	4	25
Other Endocrine Glands including Thymus	10	∅	13
<b>Lymphoma</b>	<b>55</b>	<b>19</b>	<b>74</b>
Hodgkin's	7	∅	7
Non-Hodgkin's Lymphoma	48	19	67
<b>Lymphatic/Hematopoietic</b>	<b>41</b>	<b>18</b>	<b>59</b>
Leukemia	30	15	45
Myeloma	11	3	14
<b>Mesothelioma</b>	<b>2</b>	<b>∅</b>	<b>2</b>
<b>Kaposi Sarcoma</b>	<b>2</b>	<b>∅</b>	<b>2</b>
<b>Miscellaneous Sites</b>	<b>41</b>	<b>17</b>	<b>58</b>
<b>Total Number of New Cases for 2020</b>	<b>1508</b>	<b>703</b>	<b>2211</b>

## 2020 Five Major Sites

### Total Analytic Cases: 1,508

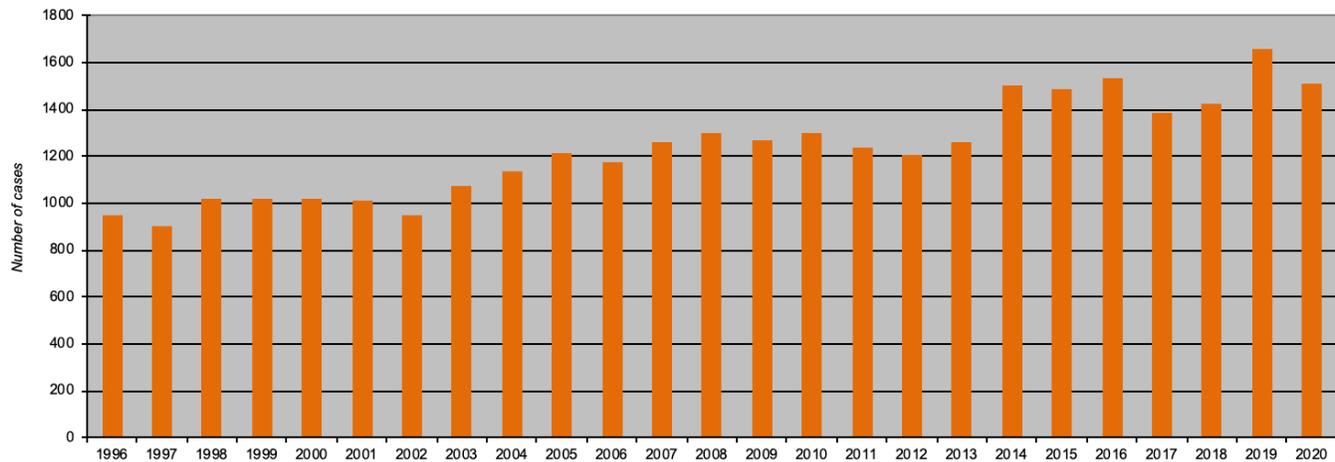
SITE	UT HEALTH EAST TEXAS	TEXAS	NATIONAL
<b>Lung</b>	271 (18%)	14,830 (11%)	228,820 (13%)
<b>Breast</b>	206 (14%)	19,590 (15%)	276,480 (15%)
<b>Colo-Rectal</b>	157 (11%)	11,430 (9%)	147,950 (8%)
<b>Prostate</b>	238 (16%)	12,110 (9%)	191,930 (11%)
<b>Bladder</b>	94 (6%)	4,590 (4%)	81,400 (4%)

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

## 1996-2020 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
2008	1303

YEAR	NUMBER OF CASES
2009	1266
2010	1300
2011	1234
2012	1209
2013	1261
2014	1499
2015	1489
2016	1534
2017	1389
2018	1424
2019	1660
2020	1508

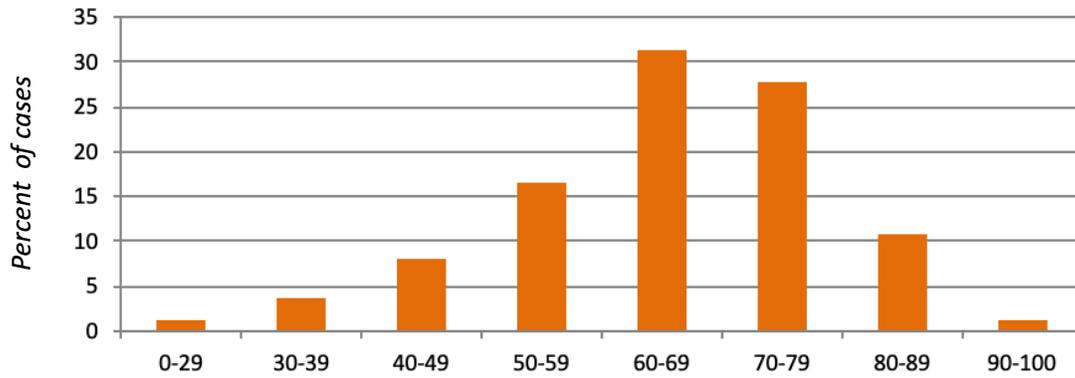


2014-Integrated with ETMC-Athens

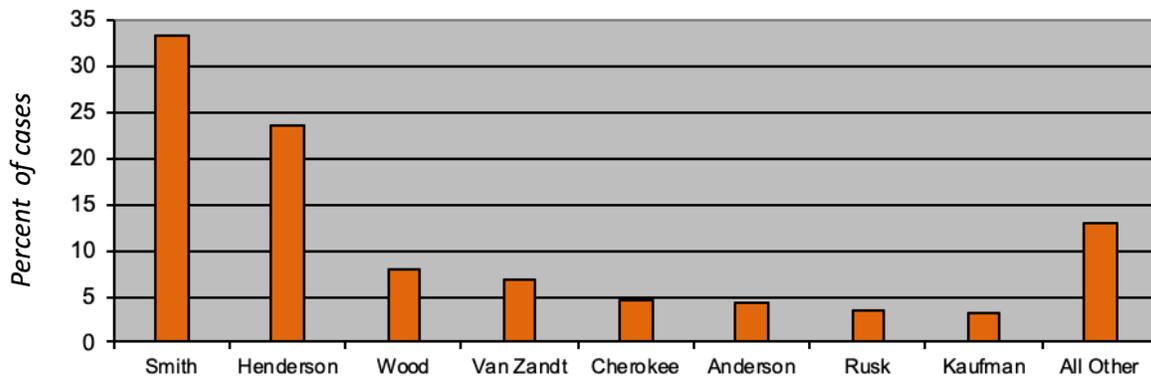
2019-Integrated with UT Health Northeast

## Distribution by Age at Diagnosis

2020 Total Analytic Cancer Cases

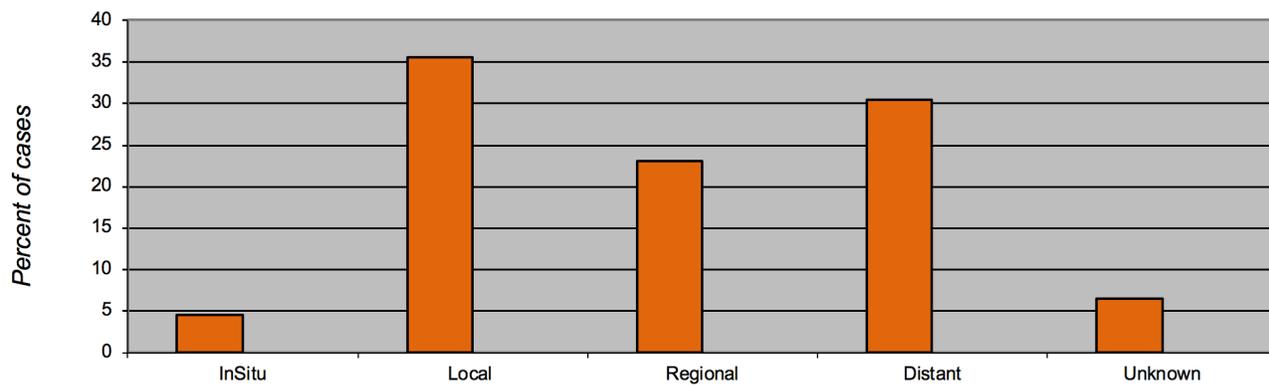


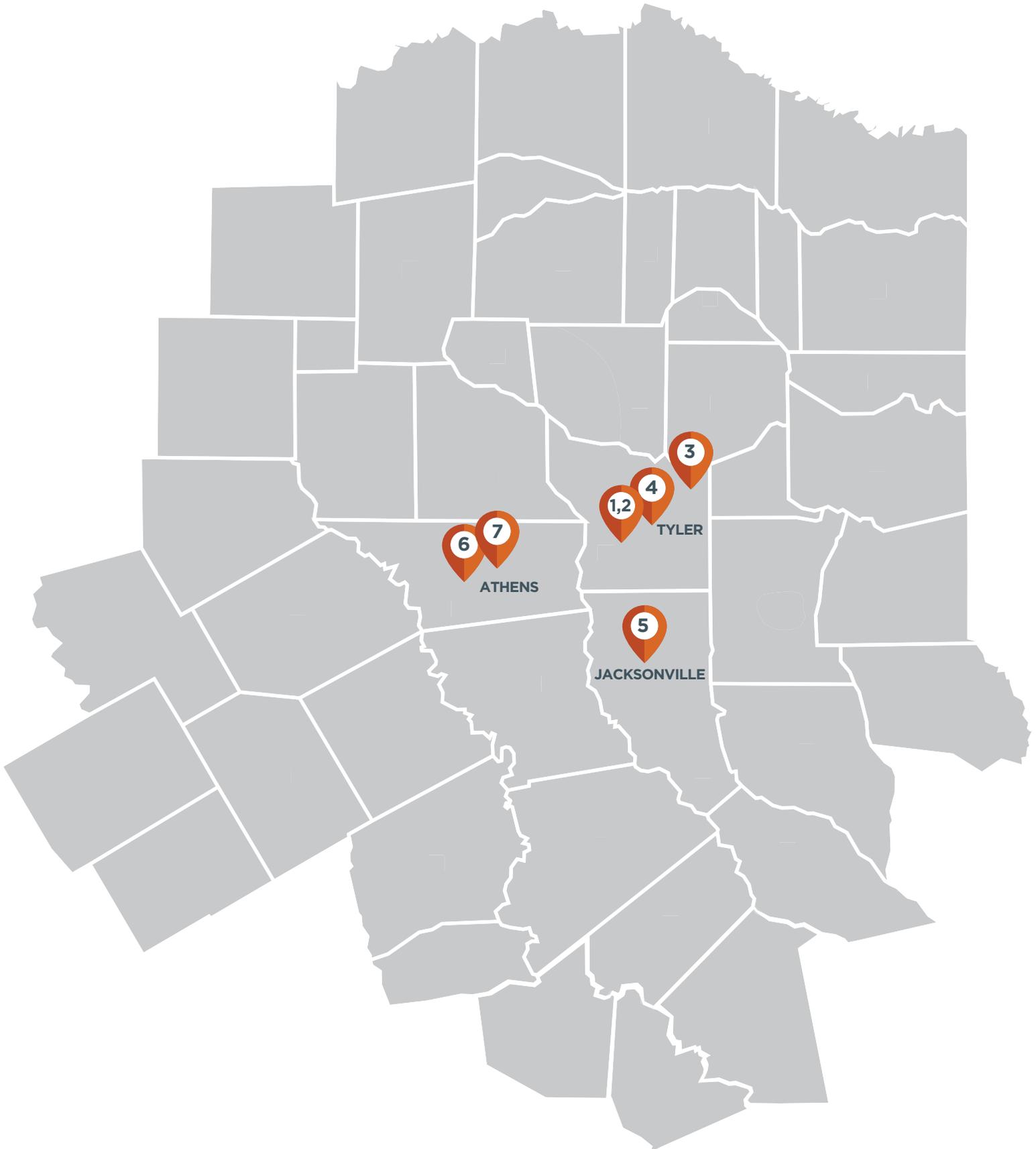
## Distribution by State/County



## Distribution by General Summary Stage

2019 Total Analytic Cases





# UT Health East Texas

## HOPE Cancer Center Locations



721 Clinic Dr.  
Tyler, TX 75701  
P: 903-535-6301



721-A Clinic Dr.  
Tyler, TX 75701  
P: 903-592-6152

*A department of UT Health North Campus Tyler*



11937 U.S. Hwy. 271, Building G  
Tyler, TX 75708  
P: 903-877-7831



**HOPE Breast Care Center**  
700 Olympic Plaza, Ste. 101  
Tyler, TX 75701  
P: 903-596-3164 • F: 903-596-3168



203 Nacogdoches St., Ste. 230  
Jacksonville, TX 75766  
P: 903-589-1327

*A department of UT Health North Campus Tyler*



113 Medical Cir., Ste. 106  
Athens, TX 75751  
P: 903-675-1322

*A department of UT Health North Campus Tyler*



**Treatment Center**  
1801 S. Palestine St.  
Athens, TX 75751  
P: 903-677-8300 • F: 903-677-8354



**UTHealth**

East Texas

HOPE Cancer Center

A department of UT Health North Campus Tyler

[HOPECancerTexas.com](http://HOPECancerTexas.com)