



LEWIS AND FAYE MANDERSON CANCER CENTER

2018 ANNUAL REPORT

For 2017 data



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Lewis and Faye Manderson Cancer Center

The Lewis and Faye Manderson
Cancer Center
at DCH Regional Medical Center

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TELEGENICS PILOT PROGRAM AT MANDERSON CANCER CENTER

Approximately 10-20% of all cancers are developed due to a hereditary cancer gene mutation. Hereditary gene mutations are detected by completing genetic testing either with a blood sample or a saliva sample. If a gene mutation is identified, this could explain the reason why a person's cancer developed, identify a person's risk for a particular type of cancer(s) and potentially identify if a person would be eligible for certain treatment options.

Genetic testing is offered to persons who meet criteria to have the testing completed. Criteria includes if a person has been diagnosed with a rare cancer, diagnosed with a particular type of cancer under a certain age or has a strong family history of certain cancers. A person interested in genetic testing is advised to speak with their physician to discuss their candidacy for genetic testing.

In May 2017, Manderson Cancer Center was offered to be one of four cancer centers in the nation to be a pilot site for TeleGenetics. The TeleGenetics Pilot Program began in June 2017 at Manderson Cancer Center and began in October 2017 at the satellite clinic in Fayette. Our pilot program gives eligible patients the opportunity to view a video about genetic testing, speak with a Genetic Counselor via telephone and have their sample collected at the same facility during one visit. Once a patient's Myrisk report is completed, the patient's physician reviews the report with the patient, and the patient has the opportunity to speak with a Genetic Counselor via a telephone call again. Year to date, a total of 156 tests have been ordered.

QOPI CERTIFICATION



QOPI Certification Program

Quality Cancer Care: Recognizing Excellence

The Quality Oncology Practice Initiative (QOPI®) Certification Program provides a three-year certification recognizing high-quality care for outpatient hematology-oncology practices within the United States. The Lewis & Faye Manderson Cancer Center obtained certification in 2014 and was one of the first oncology practices in the state of Alabama to obtain this certification. Our goal for obtaining this certification is to demonstrate a commitment to excellence and ongoing quality improvement in our practice.

To achieve QOPI Certification, a practice must have participated in QOPI and met or exceeded a benchmark score on measures that compared the quality of its care against national standards. A practice then undergoes an on-site review and peer review by a select team of oncology professionals, such as physicians and

nurses, at least once every three years verifying that the practice is concordant with the Certification Safety Standards for Chemotherapy Administration based on the American Society of Clinical Oncology and Oncology Nursing Society (ASCO/ONS) standards. Practices receive QOPI Certification based on their full compliance with all 21 standards (including nursing, pharmacy and providers), maintaining structural safety components, such as policies and procedures that ensure practice performance. The Lewis and Faye Manderson Cancer Center met all standards, recertifying in 2017.

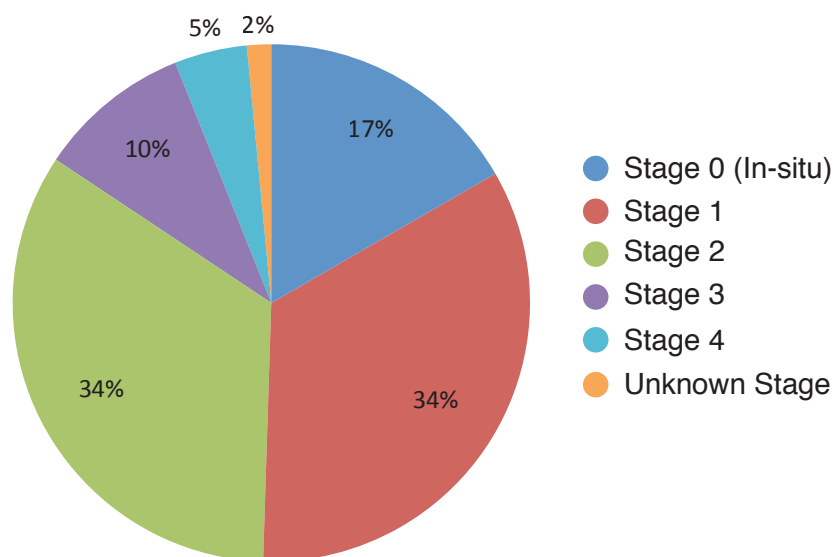
By choosing a practice that is currently certified by QOPI, affiliate of ASCO, you know that you've selected a practice that is committed to delivering you the highest quality of cancer care.

TUMOR REGISTRY CORNER

The Manderson Cancer Center diagnosed and/or treated 1,199 new cancer cases in 2017. The cancer sites most often diagnosed and/or treated were: breast, lung, prostate, colon and kidney. The following data show the total number of each case by sex if applicable and the percentage of each stage group diagnosed and/or treated.

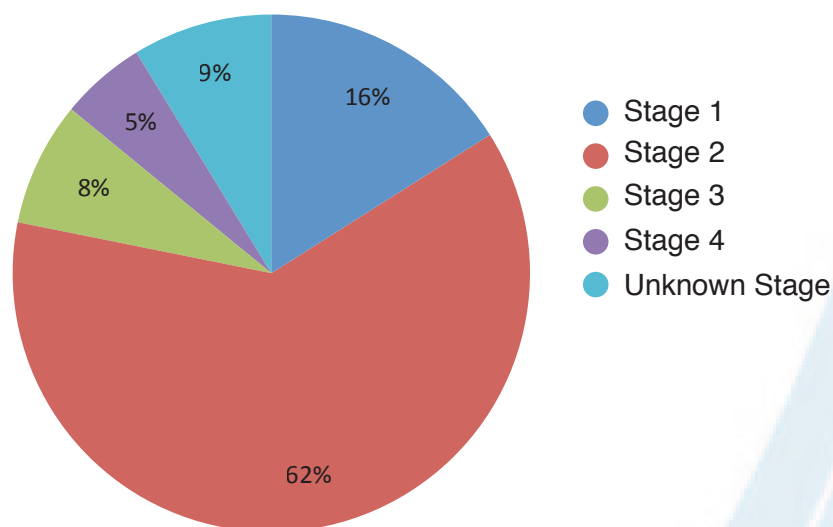
Female Breast Cancer

| Total Number | Stage 0 | Stage 1 | Stage 2 | Stage 3 | Stage 4 | Stage Unknown |
|--------------|---------|---------|---------|---------|---------|---------------|
| 198 | 33 | 67 | 67 | 19 | 9 | 3 |



Prostate Cancer

| Total Number | Stage 1 | Stage 2 | Stage 3 | Stage 4 | Stage Unknown |
|--------------|---------|---------|---------|---------|---------------|
| 206 | 33 | 128 | 16 | 11 | 18 |

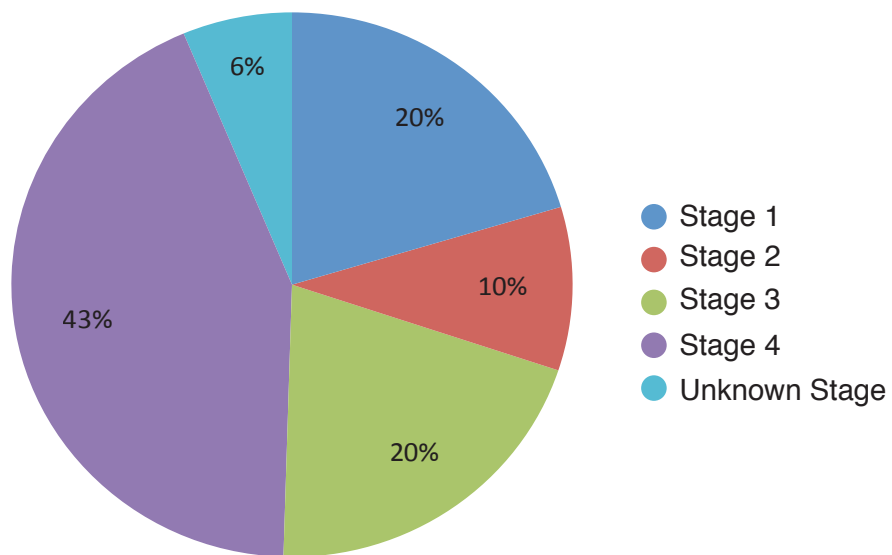
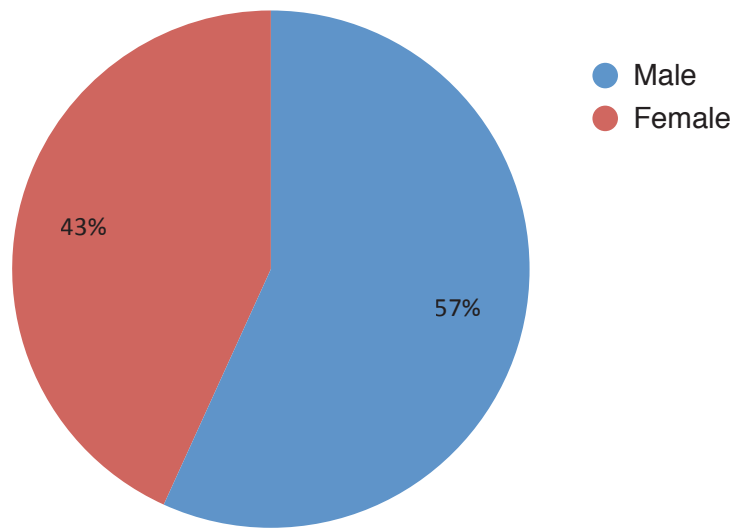


TUMOR REGISTRY CORNER

CONT'D

Lung Cancer

| Total Number | Male | Female | Stage 1 | Stage 2 | Stage 3 | Stage 4 | Stage Unknown |
|--------------|------|--------|---------|---------|---------|---------|---------------|
| 206 | 117 | 89 | 42 | 20 | 42 | 89 | 13 |

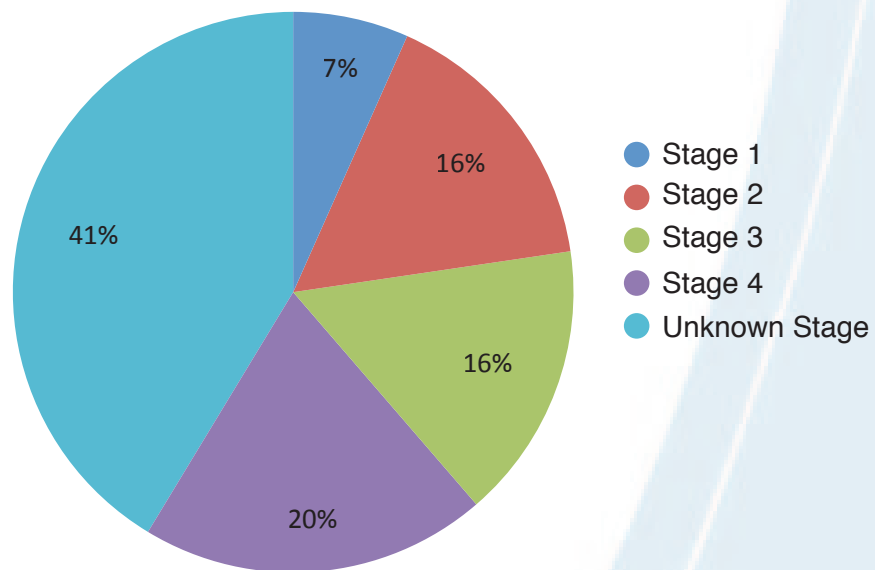
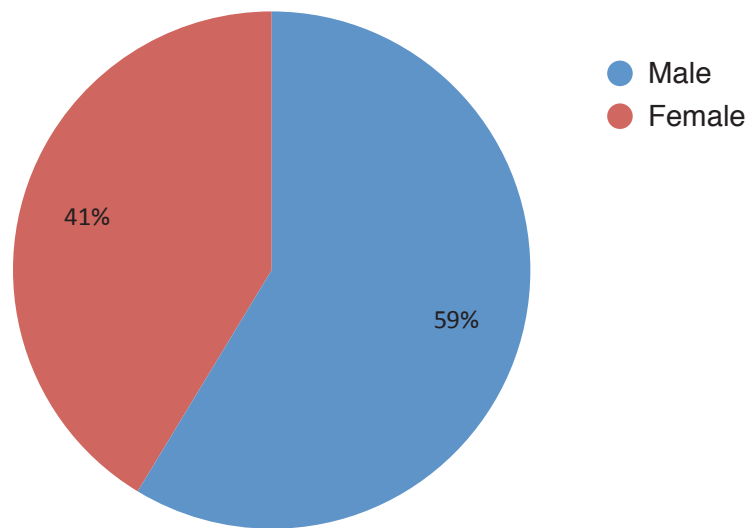


TUMOR REGISTRY CORNER

CONT'D

Colon Cancer

| Total Number | Male | Female | Stage 1 | Stage 2 | Stage 3 | Stage 4 | Stage Unknown |
|--------------|------|--------|---------|---------|---------|---------|---------------|
| 75 | 44 | 31 | 5 | 12 | 12 | 15 | 31 |

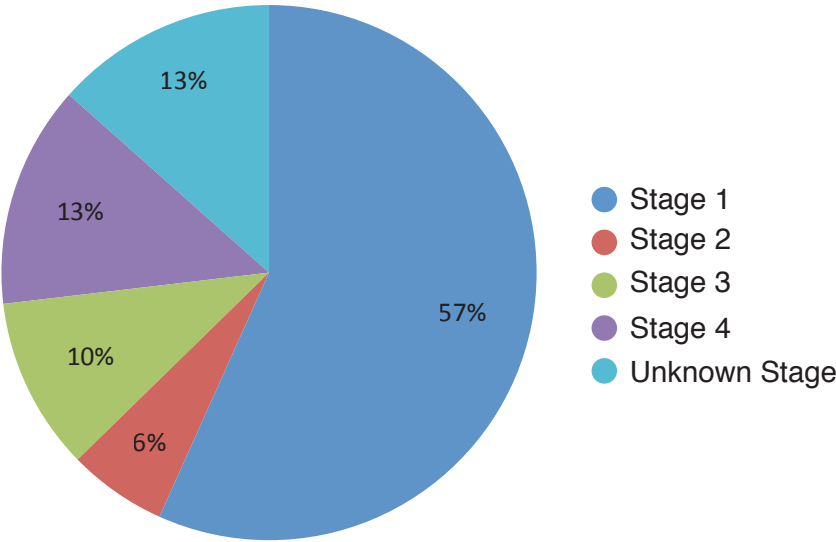
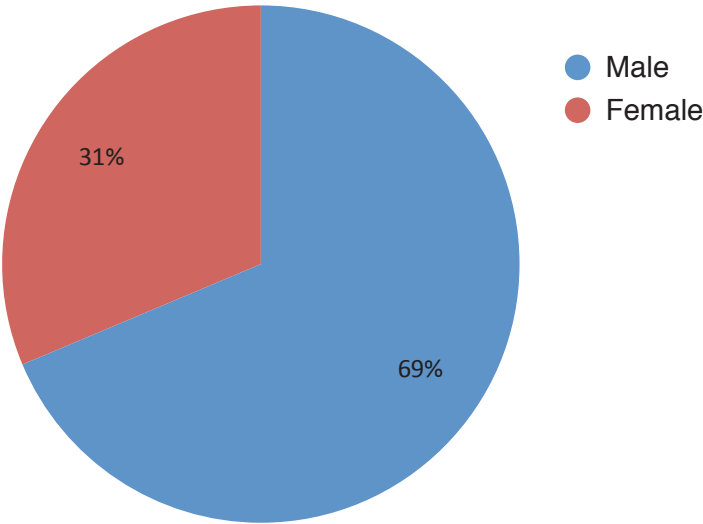


TUMOR REGISTRY CORNER

CONT'D

Kidney Cancer

| Total Number | Male | Female | Stage 1 | Stage 2 | Stage 3 | Stage 4 | Stage Unknown |
|--------------|------|--------|---------|---------|---------|---------|---------------|
| 67 | 46 | 21 | 38 | 4 | 7 | 9 | 9 |



PATIENT APPRECIATION DAY

The Lewis and Faye Manderson Cancer Center's staff hosted the 4th annual Patient Appreciation Day on October 27, 2017. The Manderson Cancer Center was transformed into the 80s theme of "Don't Stop Believing," utilizing costumes, props and decorations. Dietician-approved treats were provided to the patients.

Patients undergoing chemotherapy and radiation therapy struggle with many physical and emotional stressors. Using items of positive distractions has been shown to help with positive physiological and psychological outcomes (Ziqi et al., 2013). Studies show that patients appreciate and use humor as a way to help with stressful situations (Christie & Moore, 2005). Patients and their families enjoyed the event, as evidenced by the smiles and laughter heard throughout the center.



TUMOR BOARD CONFERENCE

The Manderson Cancer Center holds a weekly tumor board conference that is made up of a multi-disciplinary group of health care providers to share knowledge and discuss cancer cases. The tumor board's goal is to determine the best possible treatment and care plan for an individual cancer patient.

Each week cases are selected by the surgeons and/or oncologists to be presented. All physicians that are involved in the care of the selected cases are invited

to attend. A review of the patients' imaging scans, pathology and applicable lab results is shared to give a detailed overview of the particular cancer case. This helps the tumor board to decide if additional imaging, pathology, lab or tumor markers may need to be obtained. Staging and clinical trials eligibility, if applicable, is also shared. After presentation a treatment and/or plan of care recommendation is made and provided to the managing physician.

COMMUNITY OUTREACH

Health Fairs



The Lewis and Faye Manderson Cancer Center strives to be connected to the West Alabama community. One way the connection is strengthened is through participation in area health and wellness fairs. Educating our community about cancer risk factors, the patient-centric multidisciplinary approach to the fight against cancer and the importance of healthy habits is always a strong focus. The Manderson Cancer Center participated in the 27th Annual Shelton State Community College

Health Fair on March 7, 2017. The free event was open to the public, with vendors providing information about medicine, physical fitness, disease prevention, health and nutrition. The health fair also featured demonstrations of healthy activities, such as martial arts, ballroom dancing and a variety of aerobic exercises. This health fair had an estimated 350 attendees. We also participated as a vendor at The University of Alabama Employee Health Fair, 2017 Work-Life and Wellness Expo in October. Seventy community wellness-related businesses participated. This fair was attended by students and faculty of The University of Alabama. Manderson Cancer Center was also represented at the 2017 Focus on Senior Citizens Health Fair in September 2017 and the first annual BF Goodrich Employee Health Fair.

Education & Prevention Events

May 24, 2017 – Manderson Cancer Center & American Cancer Society hosted Skin Cancer Prevention and Awareness Event

- 54 patients and visitors received one-on-one information and education through a 10-question American Cancer Society survey on sun safety. The survey tested knowledge on sun safety and also educated on the do's and don'ts of skin cancer prevention.
- A total of 54 surveys were completed by attendees. 100% stated they learned some useful information on sun safety.
- Everyone received educational information and a UV detection bracelet as a reminder to reapply sunscreen.



COMMUNITY OUTREACH

CONT'D

Breast Cancer Screening Events

October 9, 2017 – General Breast Screening

66 women were screened

- All women received a clinical breast exam and education on breast health and early detection
- 66 mammograms were performed
- 8 mammograms and ultrasound
- 1 MRI
- 7 surgical referrals
- 2 biopsies
- 2 positive breast cancer diagnosis
- 2 scheduled for follow-up in April 2018

October 16, 2017 – Hispanic Breast Screening

50 women were screened

- All women received a clinical breast exam and education on breast health and early detection
- 47 mammograms were performed
- 8 mammograms and ultrasounds
- 3 scheduled
- 1 left the screening before being seen
- 8 surgical referrals
- 1 biopsy
- 1 positive breast cancer diagnosis
- 3 scheduled for follow-up in April 2018

Summary of effectiveness: All ladies received a clinical breast exam, education on early detection and prevention, as well as any recommended follow-up. For the General screening 66 ladies received a clinical breast examination, education on early detection and prevention, as well as any recommended follow-up. Sixty-five completed pre surveys and 55 completed post surveys. Eighty percent of the participants stated they learned something new. At the Hispanic screening 49 ladies received a clinical breast examination, education on early detection and prevention, as well as any recommended follow-up. Forty-nine completed pre surveys and 40 completed post surveys. There was a 25% increase on what was learned. Ninety-eight percent of the participants stated they learned something new. The committee discussed the number of patients who attended the screenings. There was a decrease in the number of patients who attended the event. Advertisement for the event remained the same. The mammogram assistance line has also provided assistance during the year for uninsured and underinsured patients needing assistance with mammograms. The committee agreed that the screening was effective having captured women that may not have otherwise received a breast examination and/or education. The breast screenings will continue to be offered in October of each year.

COMMUNITY OUTREACH

CONT'D

Support Services

The Lewis and Faye Manderson Cancer Center provides our patients with a variety of services to help cope with the physical, spiritual and emotional aspects of their cancer treatment.

Behind the Ribbon: Located in the Manderson Cancer Center, this program matches specially trained breast cancer survivors with newly diagnosed patients before, during or after treatment to provide support, encouragement and educational resources.

Support Groups: various support groups are coordinated for our patients.

Chaplain Program: Our chaplains minister to the needs of people in crisis and aid the medical staff and clergy in the emotional and spiritual care of our patients.

Psychological Services: We work with the patient and their families to improve the patient's mental health, psychological well-being and productivity.

STAR (Survivorship Training and Rehabilitation) Program: This program uses physical and occupational therapy to minimize side effects of cancer treatment such as pain and fatigue through physical therapy.

The Boutique: Located in the Manderson Cancer Center, the Boutique provides products for patients and caregivers. Many products are specially designed for patients who have been or are undergoing cancer treatment.

Patient Navigator: This Registered Nurse serves as an advisor and guide to community, social and

psychosocial services for breast cancer patients throughout all phases of their treatment plan.

Social Workers: Our licensed social workers provide assistance with issues related to treatment which include transportation, lodging and medications.

Nutritional Counseling: Registered dietitians teach our patients the importance of healthy eating habits during treatment and tailor diets to meet individual needs.

The DCH Foundation: The DCH Foundation provides funding for financial assistance, education programs and screenings.

Support Groups Offered by Manderson Cancer Center

Cancer Wellness - This support group promotes health and wellness to anyone diagnosed with cancer and their families during all phases of treatment and recovery.

Prostate Cancer Support Group - This program is offered to provide community-based education and support to help men and their families cope with their cancer.

STRETCH - A unique exercise and support program for all women who have had a breast cancer diagnosis. "Stretching" can begin eight weeks following surgical procedure with physician approval.

Smile A While - The Smile A While program is for children and teens who have a loved one dealing with cancer treatment. The program helps children cope with a loved one's serious illness.

IMPACT (Breast Cancer) Identifying Many Positives After Cancer Treatment - IMPACT provides support, information, education and community service to benefit themselves, other breast cancer survivors and their families.

HeART: Healing with the Arts - FREE art workshops for patients and their families are offered two days per week in the Cancer Center Art Room. The workshops give participants an opportunity to use art to express their feelings through creative expression.

Look Good...Feel Better - A free program sponsored in partnership with American Cancer Society for women who are undergoing cancer treatment. This fun class helps women learn new ways of dealing with changes in their appearance and skin.

RESEARCH AND CLINICAL TRIALS

Lewis and Faye Manderson Cancer Center is a National Cancer Institute (NCI) Central Institutional Review Board Signatory Institution. We are also an affiliate member of NRG Oncology, which brings together the research areas of the National Surgical Adjuvant Breast and Bowel Project (NSABP), the Radiation Therapy Oncology Group (RTOG) and the Gynecologic Oncology Group (GOG). NRG Oncology builds upon their more than 150 years of cumulative research experience to conduct practice-defining, multi-institutional clinical trials resulting in the improved survival and quality of life of patients with cancer. NRG has been awarded a grant by the National Cancer Institute (NCI)

as a member of the NCI National Clinical Trials Network (NCTN). Through our clinical trials program, patients who qualify can access other health care alternatives and investigational new drugs long before they are available on the open market. The Manderson Cancer Center jointly conducts research with MD Anderson Cancer Center. ClinicalTrials.gov is a searchable database that provides patients, family members and the public with information about ongoing clinical research studies. Below is a list of clinical trials that are currently offered at Manderson Cancer Center. We have attached the link for each study for ease in finding detailed information regarding these studies.

For any questions or to learn if you qualify for a trial, please contact our Clinical Research Coordinator, Danielle Daniel, at (205) 759-6237 or by email at cancer.research@dchsystem.com.

During the months of January – December 2017 a total of 98 patients were accrued to trials.

- Treatment/Interventional Trials – 9 onsite
- Diagnostic Trials – 48 onsite
- Prevention and Control Research – 39 onsite
- Patient Registry Studies – 2 (2 offsite referrals)

Below is a list of all trials available at the Manderson Cancer Center:

NRG Oncology Studies

| | |
|--|---|
| <p><i>NRG-GU005 - Stereotactic Body Radiation Therapy or Intensity-Modulated Radiation Therapy in Treating Patients With Stage IIA-B Prostate Cancer</i></p> <p><i>https://clinicaltrials.gov/ct2/show/NCT03367702</i></p> | <p>This randomized phase III trial studies how well stereotactic body radiation therapy works compared to intensity-modulated radiation therapy in treating patients with stage IIA-B prostate cancer. Radiation therapy uses high energy X-rays to kill tumor cells and shrink tumors. Stereotactic body radiation therapy is a specialized radiation therapy that sends X-rays directly to the tumor using smaller doses over several days and may cause less damage to normal tissue. Stereotactic body radiation therapy may work better in treating patients with prostate cancer.</p> |
|--|---|

MD Anderson Studies

| | |
|---|---|
| <p><i>2013-0609 - Biospecimen Banking and Biomarker Validation for Lung Cancer Early Detection in Cohort Receiving Low Dose Helical Computed Tomography Screening</i></p> <p><i>https://www.mdanderson.org/patients-family/diagnosis-treatment/clinical-trials/clinical-trials-index/clinical-trials-detail.ID2013-0609.html</i></p> | <p>This is a multicenter study led by MD Anderson to establish a biospecimen repository from a cohort of current and former smokers who meet the criteria for low dose helical tomography (LDCT) screening.</p> |
|---|---|

RESEARCH AND CLINICAL TRIALS

CONT'D

Lung Cancer Studies

| | |
|--|--|
| <i>INSIGHT – An Observational Study Assessing the Clinical Effectiveness of Veristrat® and Validating Immunotherapy Tests in Subjects with Non-Small Cell Lung Cancer</i> https://clinicaltrials.gov/ct2/show/NCT03289780 | The primary purpose of this study is to assess the physician's clinical practice patterns while using Veristrat in subjects with non-small cell lung cancer whose tumors are epidermal growth factor receptor (EGFR) wild-type or EGFR negative. |
|--|--|

Myelodysplastic Syndromes (MDS) and Acute Myeloid Leukemia (AML)

| | |
|--|---|
| <i>Connect MDS and AML: The Myelodysplastic Syndromes (MDS) and Acute Myeloid Leukemia (AML) Disease Registry</i> https://clinicaltrials.gov/show/NCT01688011 | The purpose of this study is to observe and collect data for patients with Myelodysplastic Syndromes (MDS) or Acute Myeloid Leukemia (AML). |
|--|---|

Newly Diagnosed Cancer Patients

| | |
|--|--|
| <i>Real-time Associations Between Mood and Behavior</i> | This study is important to evaluate the value of being active while being treated for cancer. The results of this study will help doctors and nurses understand better ways to help individuals with cancer who are receiving treatment. |
|--|--|

Discrimination is Against the Law

DCH Health System complies with applicable Federal civil rights laws and does not discriminate on the basis of race, color, national origin, age, disability, or sex. DCH Health System does not exclude people or treat them differently because of race, color, national origin, age, disability, or sex. DCH Health System:

Provides free aids and services to people with disabilities to communicate effectively with us, such as:

- Qualified sign language interpreters
- Written information in other formats (large print, audio, accessible electronic formats, other formats)

Provides free language services to people whose primary language is not English, such as:

- Qualified interpreters
- Information written in other languages

If you need these services, contact our Corporate Director of Compliance at (205)759-7111.

If you believe that DCH Health System has failed to provide these services or discriminated in another way on the basis of race, color, national origin, age, disability, or sex, you can file a grievance with:

Corporate Director of Compliance
DCH Health System
809 University Blvd. E.
Tuscaloosa, AL 35401
205-759-7111
TTY 1-866-237-0173
info@dchsystem.com

You can file a grievance in person or by mail or email.

You can also file a civil rights complaint with the U.S. Department of Health and Human Services, Office for Civil Rights, electronically through the Office for Civil Rights Complaint Portal, available at <https://ocrportal.hhs.gov/ocr/portal/lobby.jsf>, or by mail or phone at:

U.S. Department of Health and Human Services
200 Independence Avenue, SW
Room 509F, HHH Building
Washington, D.C. 20201
1-800-368-1019, 800-537-7697 (TDD)
Complaint forms are available here.

Arabic

اتصل إذا كنت تتحدث اللغة، فإن خدمات المساعدة اللغوية متوفرة لك بالاسمان. ملحوظة:
مقر 1-205-759-7111 + رقم 1

Chinese

注意：如果您使用繁體中文，您可以免費獲得語言援助服務。請致電 1-205-759-7111 (TTY : 1-866-237-0173)。

French

ATTENTION : Si vous parlez français, des services d'aide linguistique vous sont proposés gratuitement. Appelez le 1-205-759-7111 (ATS : 1-866-237-0173).

German

ACHTUNG: Wenn Sie Deutsch sprechen, stehen Ihnen kostenlos sprachliche Hilfsdienstleistungen zur Verfügung. Rufnummer: 1-205-759-7111 (TTY : 1-866-237-0173).

Gujarti

સુચના: જો તમે ગુજરાતી બોલતા હો, તો નિ:શુલ્ક ભાષા સહાય સેવાઓ તમારા માટે ઉપલબ્ધ છે. ફોન કરો 1-205-759-7111 (TTY : 1-866-237-0173) .

Hindi

ध्यान दें: यदि आप हिंदी बोलते हैं तो आपके लिए मुफ्त में भाषा सहायता सेवाएं उपलब्ध हैं। 1-205-759-7111 (TTY : 1-866-237-0173) पर कॉल करें।

Italian

ATTENZIONE: In caso la lingua parlata sia l'italiano, sono disponibili servizi di assistenza linguistica gratuiti. Chiamare il numero 1-205-759-7111 (TTY : 1-866-237-0173) .

Japanese

注意事項：日本語を話される場合、無料の言語支援をご利用いただけます。1-205-759-7111 (TTY : 1-866-237-0173) まで、お電話にてご連絡ください。

Korean

주의: 한국어를 사용하시는 경우, 언어 지원 서비스를 무료로 이용하실 수 있습니다. 1-205-759-7111 (TTY : 1-866-237-0173) 번으로 전화해 주십시오

Portuguese

ATENÇÃO: Se fala português, encontram-se disponíveis serviços linguísticos, grátis. Ligue para 1-205-759-7111 (TTY : 1-866-237-0173) .

Russian

ВНИМАНИЕ: Если вы говорите на русском языке, то вам доступны бесплатные услуги перевода. Звоните 1-205-759-7111 (телетайп: 1-866-237-0173).

Spanish

ATENCIÓN: si habla español, tiene a su disposición servicios gratuitos de asistencia lingüística. Llame al 1-205-759-7111 (TTY: 1-866-237-0173).

Tagalog

PAUNAWA: Kung nagsasalita ka ng Tagalog, maaari kang gumamit ng mga serbisyo ng tulong sa wika nang walang bayad. Tumawag sa 1-205-759-7111 (TTY: 1-866-237-0173).

Vietnamese

CHÚ Ý: Nếu bạn nói Tiếng Việt, có các dịch vụ hỗ trợ ngôn ngữ miễn phí dành cho bạn. Gọi số 1-205-759-7111 (TTY: 1-866-237-0173).

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Contributors:

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Katrina Lewis, RN, Patient Navigator
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Highest Standards, Better Outcomes*