



Ultraviolet light detecting bead bracelets demonstrate the sun's harmful rays to a local elementary school in an effort to raise sun safety awareness.

20 **CANCER ANNUAL REPORT**

19 *Baptist Health Cancer Program*



TOGETHER, WE CAN DO THIS

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MESSAGE FROM LEADERSHIP

It is our pleasure to present the annual report for Baptist Health Cancer Program. This report represents a summary of our program's activities and data as an American College of Surgeons' Commission on Cancer accredited program. The Cancer Committee ensures the quality of clinical care services, patient safety, and development of innovative cancer programs. Our program remains focused on serving patients in Central Alabama with a commitment to delivering high-quality, multidisciplinary, patient-centered cancer care in our community.

A few accomplishments this year include:

- Transportation should not be a barrier to cancer treatments. Even with help from family and friends, patients often have trouble securing rides they need to receive care. Baptist Health Cancer Program is committed to providing resources and access to transportation for patients in need. We are thankful to be awarded an American Cancer Society Transportation Grant for the second consecutive year. Our Nurse Navigators and Oncology Social Workers work with patients and their families to arrange transportation utilizing these grant funds.
- MCC Apothecary's Specialty Pharmacy obtained both URAC and ACHC accreditation demonstrating our commitment to standards and process improvement to provide the highest quality pharmacy services to our patients.
- Alabama Comprehensive Cancer Control Program (ACCC), a division of Alabama Department of Public Health, offers funding for shade structures in public areas. Baptist Health Cancer Program partnered with Flowers Elementary School, a local elementary school, to apply for an ACCC Sun Shade Grant. The shade structure will cover a 40' x 60' playground area providing shade for those enjoying outdoor activities. Only three grants were awarded in Alabama, and ACCC selected our joint application for funding. Our program's outreach team spent time in classrooms teaching students about sun safety awareness with "sun beads" that changed color with ultraviolet light and encouraging healthy sun habits with the use of sunscreen.
- Carmichael Imaging Center expanded services offered to patients through advanced imaging by making available the Gallium 68/Net Spot and Axumin® PET scans. These novel radiotracers are more accurate for staging and treatment management for patients diagnosed with neuroendocrine tumors and prostate cancer, respectively.
- Current oncologic treatments have brought a strong reduction in mortality in cancer patients. However, cancer therapy-related cardiovascular complications, particularly chemotherapy and radiation therapy-induced cardiotoxicities, are a major cause of morbidity and mortality in people living with or surviving cancer. These therapies target tumor cells, but also result in collateral damage to other tissues, including the cardiovascular system. Our multidisciplinary team worked together to study our patients, develop risk assessment tools to identify those patients with increased risk of cardiotoxicity, and partnered with community cardiologists and imaging centers to implement early intervention and make structured monitoring available to patients.
- Our commitment to screening and prevention of cancer continues with expanded focus on colorectal cancer screenings in our community and human papillomavirus (HPV) vaccination awareness events at local colleges and universities. During National Nutrition Month, our Oncology Registered Dietitian Team conducted *Defensive Eating Against Cancer* in-services for staff and hosted the inaugural *Slimmin' Down at MCC* healthier lifestyle team challenge. Through education encouraging healthier diet and exercise, our Team Members slimmed down a total of 228 pounds.

We are especially proud of our Cancer Registry Team comprised of top-notch professionals who hold CTR certificates and are recognized as leaders within our state organization. We are proud of our program's growth as we strive for excellence in the delivery of oncology care in the River Region. If you have any questions regarding this report, please call (334) 273-7000 or visit www.montgomerycancercenter.com to learn more.

Scott McDaniel, MD
Cancer Committee Chair

Laura Hamilton
Cancer Program Manager

Susan Reed
Cancer Program Administrator

CANCER COMMITTEE

Cancer Committee is a multidisciplinary team of representatives from multiple physician specialties, nursing, administration, quality, and cancer registry. Cancer Committee meets regularly to review and evaluate the quality and direction of the cancer program and make recommendations for improvement using American College of Surgeons' Commission on Cancer guidelines. The committee's overall goal is to strive for cancer care program excellence in prevention, early detection, diagnosis, and treatment of cancer based on the framework of the standards of American College of Surgeons' Commission on Cancer.

Scott McDaniel, MD	Medical Oncologist, Chair
Naresh Bellam, MD	Medical Oncologist, Cancer Liaison Physician
Pat Rucker, MD	Diagnostic Radiologist
Walter Bell, MD	Pathologist
John Mark Vermillion, MD	Surgeon
Lee Franklin, MD	Radiation Oncologist
Anna Maria Affan, MD	Palliative Care
Susan Reed, CPA, MBA	Cancer Program Administrator
Laura Hamilton, RN, BSN	Cancer Program Manager
Jennifer Bratz, MA, BSHAS, RHIA	Quality Management
Tami Wright, MLS	Research Coordinator
Tammy Inge-Bowdoin, CPC	Cancer Conference Coordinator
John Reardon, MD	Community Outreach Coordinator
Alta Gipson, LBSW	Psychosocial Services Coordinator
Judy Smith, RHIA, CTR	Registry Quality Coordinator
Chad Brown, BS, CTR	Certified Tumor Registrar
Genger Gallup, RN, BSN, OCN	Oncology Nurse
Kellie Rhyne, RN, BSN, OCN	Oncology Nurse
Pam Strickland, MD	Breast Surgeon
Kertrisa McWhite, MD	Breast Surgeon
Heather Adams	American Cancer Society
Carrie Webb, Pharm D	Pharmacist
Alicia Chalker, Clinical Pastor	Pastoral Care
Tommy Patterson, RT, (R)	Oncology Imaging
Ali Pritchett, RD, LD	Registered Dietitian
Will Thames, OTD, MSM	Rehabilitative Services

CANCER REGISTRY

The cancer registry collects data on all cancer patients who are diagnosed and/or treated at each of the Baptist Health facilities, including Baptist Medical Center South, Baptist Medical Center East, and Prattville Baptist Hospital. Data collected by the cancer registry is used to support cancer program development, quality improvement, and outcomes analysis. Cancer registry data is also used to monitor compliance with national evidence-based clinical



practice guidelines endorsed by the American College of Surgeons' Commission on Cancer. Specially trained Certified Tumor Registrars (CTRs) capture a summary of each cancer case in the cancer registry database including clinical diagnostic and therapeutic data, which is also reported to the central Alabama Statewide Cancer Registry and the National Cancer Data Base. For 2018 submitted cases, our cancer registry achieved ASCR Gold Standard for quality, completeness, and timeliness. We applaud our cancer registry team for their diligence and hard work.

MULTIDISCIPLINARY CANCER CONFERENCES

Baptist Health Cancer Program holds weekly multidisciplinary cancer conferences with key physicians, practitioners, and care team members actively participating in treatment planning discussions. Medical oncologists, surgeons, radiologists, radiation oncologists, and pathologists examine clinical, radiological, and pathological factors specific to each case and consider treatment options for each case reviewed. Nursing, administrative, and ancillary staff attend for educational purposes.

In 2018, 46 cancer conferences were held with 243 patient cases presented for multidisciplinary discussion. 94% of cases presented were prospective presentations, discussing diagnosis, treatment, or follow-up care. The adjacent table gives a summary of the cases presented.

SITE	CASES PRESENTED
Oral Cavity, Pharynx	9
Digestive System	54
Respiratory System	67
Bone	6
Soft Tissue	3
Skin	8
Breast	36
Female Genital System	7
Male Genital System	8
Urinary System	14
Brain, Other Nervous System	1
Endocrine	4
Lymphoma	13
Myeloma	4
Leukemia	1
Miscellaneous	8
Total for All Sites	243

CANCER PROGRAM REPORT

KEY ACHIEVEMENTS FOR THE BAPTIST HEALTH CANCER PROGRAM:

Carmichael Imaging Designated Lung Cancer Screening Center of Excellence

Carmichael Imaging was designated a Screening Center of Excellence (SCOE) by the Lung Cancer Alliance based on its commitment to comply with comprehensive standards based on best practices for controlling screening quality, radiation dose, and diagnostic procedures within an experienced, multidisciplinary clinical setting. These standards are developed by professional bodies such as the American College of Radiology (ACR), the National Comprehensive Cancer Network (NCCN), and the International Early Lung Cancer Action Program (I-ELCAP).

Congratulations to MCC Apothecary on URAC and ACHC Accreditation Awards!

MCC Apothecary recently achieved Specialty Pharmacy accreditation from the Utilization Review Accreditation Commission (URAC), and accreditation from the Accreditation Commission for Health Care (ACHC) with an Oncology Distinction. Accreditation recognizes MCC Apothecary's commitment to patient care and improving outcomes for our oncology patients. Many payers and pharmaceutical companies require URAC and/or ACHC accreditation to be able to purchase and bill for the specialty medications. By obtaining the specialty pharmacy accreditation, MCC Apothecary is granted access to limited distribution medications and payer contracts that will increase our ability to service our cancer patients right here at home.



Implementation of State-of-the-Art Imaging Services

As of January 2019, Carmichael Imaging began offering Gallium 68 positron emission tomography (PET) scans to patients with neuroendocrine tumors (NETs). A PET scan uses a small amount of radioactive drug, or tracer, injected into a vein to show differences between healthy tissue and diseased tissue. Most PET scans use a tracer called fluorodeoxyglucose (FDG). FDG PET scans are widely used in the initial staging of cancer and monitoring response to therapy for most malignant tumors. However, some tumors are better visualized by PET scans using specialty radiopharmaceutical tracers, including an indolent form of neuroendocrine tumors, which is more accurately assessed using Gallium 68 (Ga-68) dotatate. The Ga-68 PET/CT full-body scan can better localize neuroendocrine tumors (NETs) that overexpress somatostatin receptors and show where the tumors are in the body. Montgomery Cancer Center treats an estimated 70 patients newly diagnosed with NET each year who will benefit from this expanded service.

Carmichael Imaging additionally expanded imaging services with PET scans using Axumin® (fluciclovine F18). The Axumin® injection is indicated for PET imaging in men with suspected prostate cancer recurrence based on elevated blood PSA following prior treatment for prostate cancer. As of July 15, 2019, Carmichael Imaging has provided 10 patients with Axumin® PET scans. Central Alabama cancer patients benefit from novel imaging services available closer to home.

CANCER PROGRAM REPORT



Blended Tube Feeding Study

Montgomery Cancer Center's Registered Dietitians are working with Troy University and Real Food Blends to study optimal care of cancer patients with enteral nutrition using blenderized foods. Blended tube feeding has shown promise in published studies in reducing tube feeding intolerance and increasing total nutrition intake. This 12-18 month study will enroll up to 50 patients receiving blended tube feeding via PEG tube. Participants will have ongoing nutrition assessment to measure outcomes.

Cancer Program Navigation

Research has shown that cancer care costs have increased two to three times more than non-oncology costs¹. From 1965 to 2013, the average cost of cancer treatment increased by 200%¹. With these figures and financial obstacles, it is not surprising that patients become non-compliant with adhering to physician recommended evidence-based therapy. Funds from charitable organizations help compensate gaps in finances for patients who meet certain eligibility requirements. Fortunately, MCC patients are navigated to resources to ensure ongoing access to cancer care through a team of Financial Advocates, Social Workers, and Nurse Navigators to charitable organizations and foundations. For example, this year, the Cancer Wellness Foundation of Central Alabama, a local 501(c)(3), provided ongoing support to 1000 local cancer patients with services valued at an estimated \$15 million dollars, including approximately \$148k in transportation assistance, \$822,000 in copay assistance, and \$14.7 million in medication assistance. Additionally, MCC was awarded a Community Transportation Grant for \$5,000 from the American Cancer Society to meet transportation needs regularly seen but not addressed by other charitable resources.

The Cancer Program Navigation Team has assisted patients with alleviating cancer-related burdens in multiple ways. This team has assisted patients with food insecurity through coordinating with food stamp programs and food pantries within walking distance of patients' residences, coordinated for charitable medications on behalf of qualifying patients, guided patients to charitable organizations for assistance with transportation issues, and found reduced-rate hotel rooms within a five-mile radius of MCC for patients living ≥45 miles away. MCC social workers work with patients no longer able to afford their current residence to identify housing options and in certain cases avoided homelessness. The navigation team regularly provides eligible patients with guidance to charitable resources to assist with their utility bills or rent due to lack of personal funds.



Targeted navigation services are also provided through the Baptist Health Cancer Program. Partnerships have been formed with the UAB Multispecialty Clinic, breast surgery, general surgery, and cardiology for well-organized care. We also streamline care of potential lung cancer patients to pulmonology physicians and coordinate colorectal cancer and lung cancer screening awareness as well as HPV vaccine awareness with primary care physicians.

¹Nipp, R., Sonet, E., & Guy, G. *Communicating the financial burden of treatment with patients*. American Society of Clinical Oncology Educational Book 38 (May 23, 2018) 524-531.

CANCER PROGRAM REPORT

Oncology Certified Nurses

The Oncology Certified Nurse (OCN) credential recognizes a registered nurse who has demonstrated understanding of current knowledge and practice in oncology nursing to competently care for adult patients with cancer. The Montgomery Cancer Center believes our patients are best served by increasing the expertise of our staff. 12 of 58 (21%) Montgomery Cancer Center nurses and 7 of 17 (41%) CRNPs have earned this certification.

- Debbie Bergeron, BSN, OCN
- Terry Blackwell, BSN, OCN
- Karlene Boozer, CRNP, AOCNP
- Dawn Bryk, ASN, OCN
- Natalie Forbes, BSN, OCN
- Genger Gallup, BSN, OCN
- D’Lisa Harris, BSN, OCN
- Ashton Jerkins, CRNP, AOCNP
- Lauren Knight, BSN, OCN
- Leisa Larkin, ASN, OCN
- Kristi Newmeyer, BSN, OCN
- Richard Prather, BSN, OCN
- Sharon Reynolds, CRNP, AOCNP
- Kellie Rhyne, BSN, OCN
- Kristi Springer, CRNP, AOCNP
- Donna Turner, CRNP, AOCNP
- Renee Warren, CRNP, AOCNP
- April Whitehurst, BSN, OCN
- Christalyn Williams, CRNP, OCN

ONS Educational Series

Baptist Health would like to recognize the SouthEast Alabama Chapter of the Oncology Nursing Society (ONS). ONS is a national professional association of nurses committed to promoting excellence in oncology nursing and the transformation of cancer care. The local chapter of ONS helps nurses play an influential role in shaping the future of cancer care and provide access to resources for teaching students or staff nurses. The ONS hosts several learning opportunities for local oncology nurses throughout the year.

Thank You, ONS Leaders

We would like to recognize and show our appreciation for the 2019 Southeast Alabama ONS Chapter Officers: President-Pam Holly, Vice President-Paige Roberson, Secretary Treasurer-April Whitehurst, Education Outreach-Terri Capouya. Appreciation is also given to our oncology nurses for their participation in the Women of Hope Educational Forum, an educational forum for cancer patients, held in August 2019.



CANCER PROGRAM REPORT

Montgomery Cancer Center Educational Series

Staff who are exceptionally trained and continuously learning is utmost priority of the Baptist Health Cancer Program. Staying abreast of cancer disease types and novel treatment increases patient satisfaction and promotes excellent outcomes. The following education was provided to our staff.

- Cancer Imaging
- Opioid Addiction
- Nutrition for Cancer Patients
- Overview of Colorectal Cancer
- Immune Mediated Side Effects
- Pain Management with Opioids
- Advances in Lung Cancer Therapy
- Immune Mediated Pneumonitis
- Blood cancers
- Emerging Perspectives in Disease Insights (2 Part Series)
- Biology and Treatment of Breast Cancer
- Update Treatment of Carcinoid Syndrome
- Follicular Lymphoma
- The Art of Active Listening
- Lung Cancer Disease States
- Advances in Biomarkers
- Oral Oncolytics: Opportunities for Nurses and Health Care Teams
- Palliative Care
- Low Grade Non-Hodgkin's Lymphoma Update
- Cardiovascular Care of the Oncology Patient
- Diagnostic Testing in Non-Small Cell Lung Cancer

CANCER PROGRAM OUTREACH

Baptist Health and Montgomery Cancer Center are dedicated to the early detection and treatment of cancer. Through annual events and screenings, we deepen the relationships with our community in an effort to educate, detect, and provide timely care to decrease the incidence of cancer and cancer deaths. Baptist Health and Montgomery Cancer Center are committed to enhancing the overall health and wellness of our region and will continue to be a leader for our community in outreach efforts.

Breast Cancer Outreach



According to the National Cancer Institute's Surveillance, Epidemiology, and End Results (NCI SEER) Program, breast cancer is expected to have the greatest number of new cancer diagnosis in the United States for 2019². Based on the high number of breast cancer incidence, opportunities to educate and screen are strategic. In an effort to promote screening, early detection, and intervention, a Breast Cancer Outreach event was offered to Baptist Health System employees in December 2018. Employees were incentivized to schedule a breast screening via a raffle. 22 employees were scheduled, and three free mammograms were scheduled.

²<https://seer.cancer.gov/statfacts/html/common.html>

CANCER PROGRAM OUTREACH

Several cancer outreach programs were held this year. The annual Joy to Life Walk of Life, a Baptist Health-sponsored walk, celebrated breast cancer survivors and raised money to provide access for those who cannot afford breast cancer screenings in Alabama. MCC leadership sponsored a team of employees for the April 2019 walk and provided a table with literature. The Tickled Pink event raised awareness of breast cancer among 450 attendees at the MultiPlex at Crampton Bowl. Educational materials on breast cancer, screening, and genetic links to breast cancer were distributed. Additionally, information describing prevention of cancer through healthy eating and lifestyle modifications was shared with participants.

A raffle for free mammograms was again offered to Baptist Health System employees in an effort to promote breast cancer screening, a vital component in early detection. The Sista Strut Breast Cancer Walk event, a Baptist Health sponsored 3k walk, raised breast cancer awareness in women of color and provided information about breast cancer and community resources. Making Strides Against Breast Cancer Walk, a Baptist Health sponsored American Cancer Society event, raised money to support breast cancer research. Information about breast cancer awareness, screening, and genetics was disseminated at this event along with healthy lifestyle facts. Approximately 200 attendees participated in this successful event that took place at the Montgomery Downtown RiverWalk.

[Slimmin' Down at MCC](#)

Based on the Centers for Disease Control's (CDC) National Center for Health Statistics (NCHS) Data Brief published in 2017, obesity among American adults rose from 30.5% to 39.6% between 1999 and 2016³. A correlation between being overweight or obese with some cancers (i.e. breast cancer in postmenopausal women, colorectal cancer, and cancers of the endometrium, esophagus, kidney, and pancreas) has been indicated by researchers according to the American Cancer Society's "The Link Between Weight and Cancer Risk⁴." With this knowledge, the Montgomery Cancer Center initiated Slimmin' Down for its employees in March 2019 in order to promote wellness and prevent cancer through weight loss and lifestyle education. 48 employees competed in teams to lose weight resulting in a total of 227.8 pounds lost.

[Colorectal Cancer Education](#)

An estimated 145,600 colorectal cancers will be diagnosed in 2019 according to NCI SEER data and is the 4th most common cancer². Colorectal cancer is one of the most preventable types of cancer. Therefore, colorectal cancer education and screening for Baptist Health and University of Alabama at Birmingham Multispecialty Clinic (UABMSC) employees were launched in March 2019. Nutrition and colorectal cancer education was provided during this event. 65 employees were screened for FIT test eligibility, and a total of 36 employees were eligible. 22 tests were returned to the MCC laboratory and revealed four positive tests. All four employees followed with a colonoscopy. Successful colorectal prevention and educational efforts were accomplished.



³<https://www.cdc.gov/nchs/data/databriefs/db288.pdf>

⁴<https://www.cancer.org/latest-news/the-link-between-weight-and-cancer-risk.html>

CANCER PROGRAM OUTREACH



Spotlight on Colorectal Cancer

The Cancer Wellness Foundation of Central Alabama (CWF) sponsored Dress in Blue Colorectal Cancer Awareness campaign throughout the month of March 2019. This event emphasizes community awareness of colon cancer prevention through screening and the importance of early detection. Susan Reed, Vice President of Oncology at Montgomery Cancer Center, served as a 2019 Women in Blue representative to raise funds for supporting area cancer patients through the CWF. Additionally, MCC sponsored a social media campaign and employees across Baptist Health dressed in blue during March, the month designated for colorectal cancer awareness.

Skin Cancer Awareness

In May 2019, our outreach team interacted with 500 people at the Prattville City Fest to promote skin cancer prevention and develop detection skills. 425 sunscreen packets and skin cancer awareness brochures were distributed. Participants were educated about the harmful effects of invisible UV light rays using bracelets made of light sensitive beads. Methods for monitoring skin changes potentially indicative of cancer were taught using tools developed by the American Dermatologic Association.

HPV Community Awareness

Human papillomavirus (HPV) is the most common sexually transmitted infection as noted by the CDC. Anal, oropharyngeal, and cervical cancers as well as other cancers can result from this infection. HPV vaccination is effective in preventing HPV-related persistent infections and most effective before exposure to the virus. Therefore, community awareness is integral in eliminating this infection. MCC formed a partnership with the American Cancer Society (ACS) to raise awareness in age groups eligible for this cancer prevention vaccine. The primary target age for vaccination is 9-11. Therefore, in October of this year 200 fliers were distributed to parents of Flowers Elementary students. This vaccination is also effective in preventing cancer from HPV-related infection in persons up to age 26. Posters describing no-cost vaccinations available at specified local pharmacies were strategically placed at three area colleges/universities. Additionally, our outreach team partnered with the ACS to engage students at a September on-campus outreach event. Community efforts to prevent this infection and associated cancers are important to prevent cancer in an upcoming generation.

Prevention & Early Detection of Lung Cancer

The second most common cancer is lung and bronchus cancer, the deadliest among all cancers in the United States. Based on NCI SEER data, an estimated 228,150 new cases are expected in 2019². Due to its pervasiveness among our society, early detection of lung cancer is critical to lessen its impact. A robust lung cancer screening program is significant in accomplishing early detection. Thus, our navigation team partners with several area businesses throughout the year to promote awareness about lung cancer screening in high-risk smokers for early detection. Baptist Health also promotes a lung cancer screening program for its employees.



CANCER PROGRAM OUTREACH

Our team effectively raised community awareness of lung cancer and the importance of early detection through low dose CT screenings during the highlighted events. Outreach to Baptist Health System employees was accomplished via a promotion of free low-dose CT lung cancer screening from October-December 2019. Participant eligibility was contingent on at-risk employees. Additionally, community outreach via a Lung Cancer Screening Educational Event was performed at Hyundai Manufacturing and Rheem Manufacturing in November 2019. Awareness of lung cancer screening was presented to at-risk persons at these employer-sponsored health screenings. The Great American Smoke Out event held in November 2019 was a partnership with the ACS and Flowers Elementary in educating tobacco avoidance in 4th and 5th graders. Teachers were supplied with evidence-based resources, lesson plans, and materials for unit lessons.

Skin Cancer Prevention

Since 2016, the leadership of Baptist Health has partnered with Flowers Elementary, a Title 1 public school, to provide student mentoring and resources for students and teachers. This year, Baptist Health's cancer program began aligning cancer prevention community outreach efforts with the Flowers Elementary family. The Cancer Program staff have partnered with Flowers for several educational programs using evidence-based instruction and resources on tobacco avoidance, UV protection, HPV vaccination, and appropriate cancer screening.



Flowers Elementary teachers are committed to the health of their students and integrate lessons to promote healthy lifestyle. All students begin their school day with fitness club to encourage physical activity and have daily physical education class for 30-45 minutes. At any given time 60-80 children, kindergarten through fifth grade, are in physical education classes. As much as possible, these classes are held outdoors in the sunshine.

In April, the MCC Nurse Navigator hosted a skin cancer prevention program called "Protect the Skin You're In" for thirty children in grades three to five. The Nurse Navigator used research-tested interventions, evidence-based programs, and illustrations from Center for Disease Control and Prevention and the American Dermatologic Association. Children learned about the good and bad aspects of sun, ultraviolet light, and how to protect skin with shade and sunscreen. Children were given bracelets with light sensitive beads that change color upon exposure to UV light to reinforce learning about its potentially harmful effects.

This year, Baptist Health Cancer Program was awarded a grant from Alabama Comprehensive Cancer Control Coalition to build a 40' x 60' x 12' shade structure over the playground. This durable structure made of wooden posts, metal trusses, and a 26-gauge eagle rib galvalume metal roof will cover the playground used by Flowers students, after school programs, and neighborhood families.

Cancer program staff continue to serve as a community partner for Flowers Elementary. At back-to-school time, Montgomery Cancer Center's Oncology Nursing Society Chapter held a school supply drive to support Flowers Elementary students. Ongoing and future programs offer unique opportunities to affirm the relationship between Baptist Health and our community.

CANCER PROGRAM OUTREACH

Other Outreach

May Fest Senior Health Fair held during May 2019 connected with approximately 250 senior citizens at Beulah Baptist Church. Our registered dietitian was guest speaker on cancer prevention through healthy eating. Information about lung cancer awareness and screening was also shared with attendees through literature. We also participated in the Senior Expo, which engaged approximately 300 people, at the Montgomery MultiPlex at Crampton Bowl in September 2019. Discussions about lung cancer and screening, breast cancer and screening, and prevention of cancer through healthy eating and lifestyle modifications were effectively communicated to the attendees by our dietitian and nurse navigator.

Community Service

- The Oncology Nursing Society provided a toy drive benefitting Children's Hospital in Birmingham in July 2019.
- Navigation Team Food Scarcity Outreach was launched in 2019. This program develops current and new community resources and connects them with cancer patients lacking sufficient access to meet nutritional needs. This program benefits several patients monthly. In addition to patients with food insecurity, patients who need costly supplemental nutrition are a daily outreach focus for the dietitians at MCC.
- The Montgomery District Dietetic Association was given a presentation by our registered dietitian on nutritional care of cancer patients in September 2019. Attendees included 15 dietitians.

Community Resources

Support for Coping with Cancer

We assist cancer patients and their loved ones with understanding cancer, managing treatment, and providing support and resources when needed.

- *Women of Hope* – A monthly support group for women with breast cancer
- *Hope & Strength* – A weekly support group for patients and caregivers
- *Grief Counseling* – Several area grief counseling groups meet regularly
- *FORCE (Facing Our Risk of Cancer Empowered)* – Quarterly and on-demand support and education for concerns about genetic risks for cancer
- *Prevail* – A monthly young adult cancer support group
- *Get Centered* - A monthly support group for women with metastatic cancer
- *Awareness Days* – A monthly event to recognize survivors with various cancer diagnoses



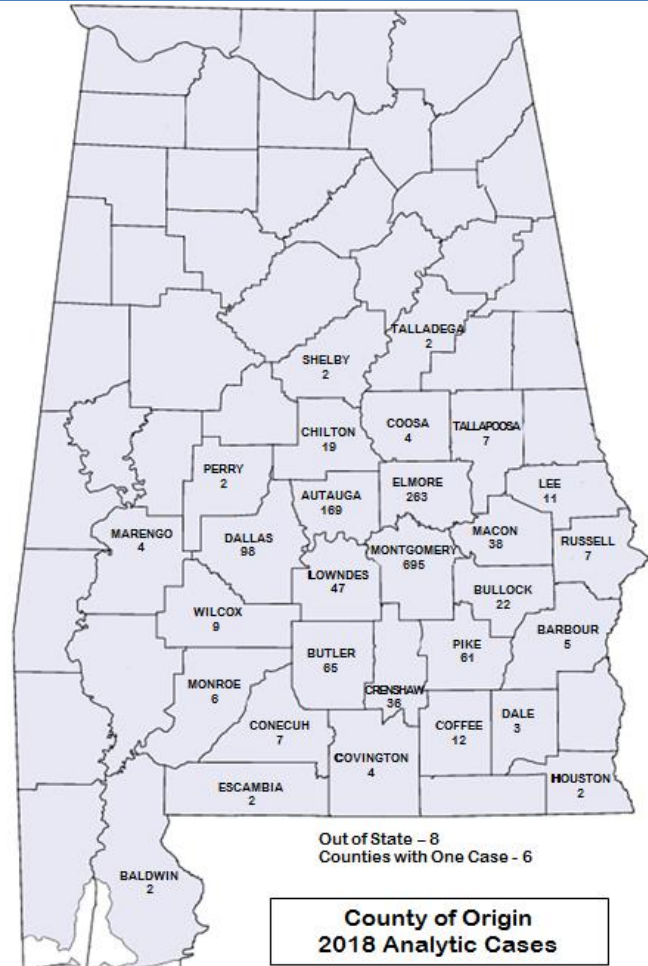
Targeted Social Media Outreach Campaign

- Survivor and Caregiver -January/February 2019
- Colorectal Cancer Awareness – March 2019
- Prevention of Colorectal Cancer through Diet – March 2019
- Lymphedema Awareness – October 2019
- Lung Cancer Screening – November 2019

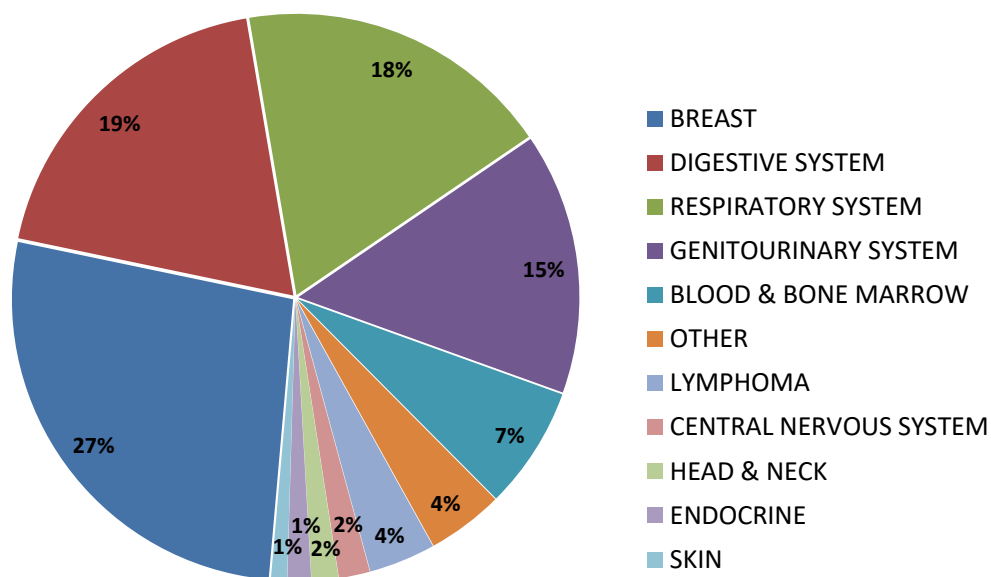
PATIENT STATISTICAL INFORMATION

DISTRIBUTION OF CASES

The cancer registry accessioned 1,892 cases for Baptist Medical Center South in 2018. This number includes 1,618 analytic cases. 858 (45%) were male, and 1,034 (55%) were female. These patients primarily reside in Montgomery (43%), Elmore (16%), and Autauga (10%) counties. The overall distribution of patient origin is presented in the correlating state map.



2018 CASELOAD BY DIAGNOSIS

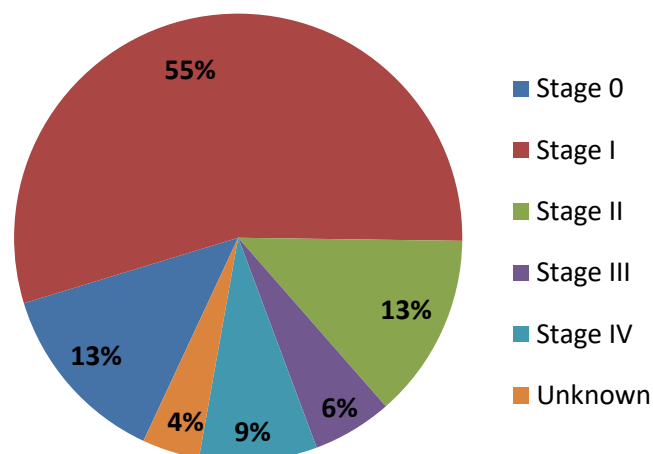


MOST COMMONLY TREATED CANCERS

Review of registry data shows the top three sites for our program are breast (27%), lung (17%), and colorectal (10%) cancers. These top three disease sites represent 54% of the new cancer treated by our program.

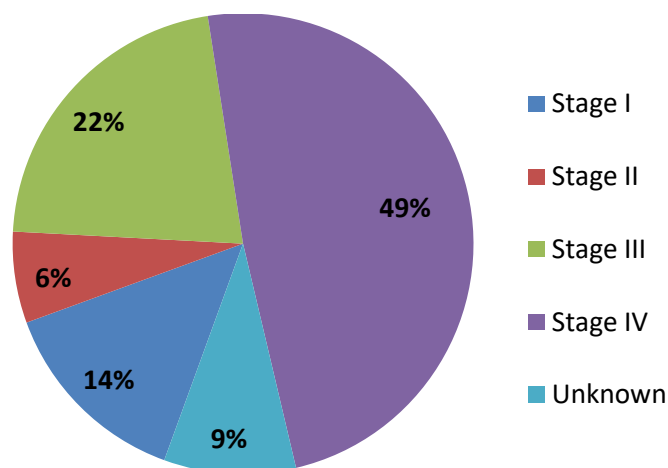
BREAST CANCER STAGE AT DIAGNOSIS

BREAST	n	%
Stage 0	58	13%
Stage I	239	55%
Stage II	58	13%
Stage III	25	6%
Stage IV	37	9%
Unknown	18	4%
TOTAL	435	



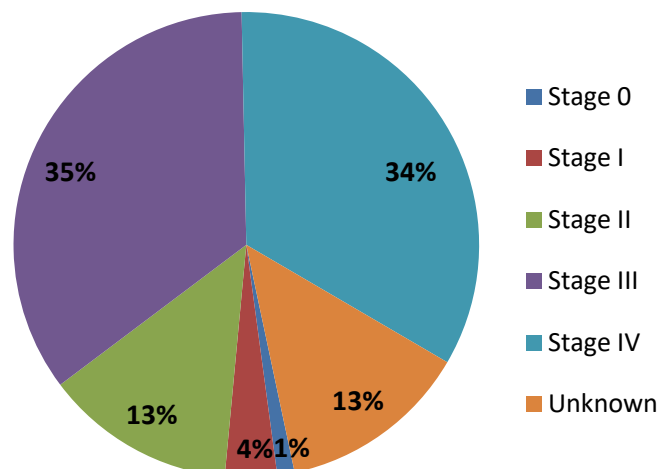
LUNG CANCER STAGE AT DIAGNOSIS

LUNG & BRONCHUS	n	%
Stage I	39	14%
Stage II	18	6%
Stage III	61	22%
Stage IV	137	49%
Unknown	26	9%
TOTAL	281	

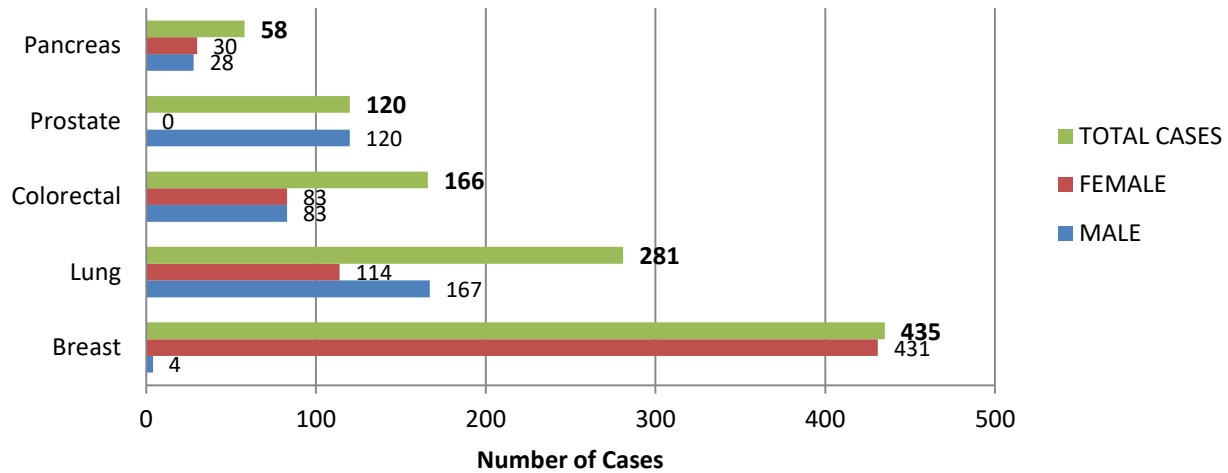


COLORECTAL CANCER STAGE AT DIAGNOSIS

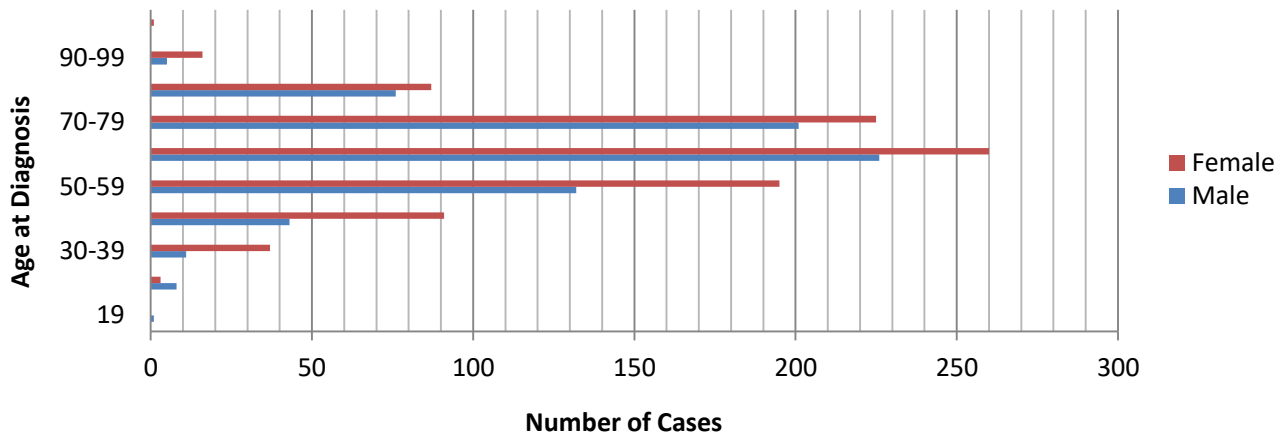
COLORECTAL	n	%
Stage 0	2	1%
Stage I	6	4%
Stage II	22	13%
Stage III	58	35%
Stage IV	56	34%
Unknown	22	13%
TOTAL	166	



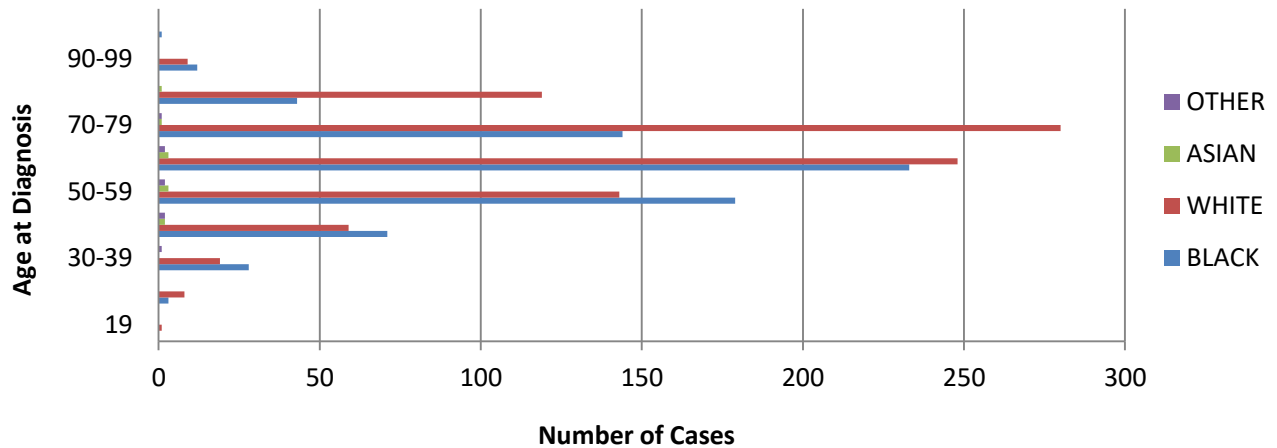
2018 TOP 5 SITES BY GENDER



2018 CASES BY SEX AND AGE



2018 CASES BY RACE AND AGE



PRIMARY SITE TABLE-2018

Baptist Medical Center South-Cancer Cases 2018

Diagnostic Site	Class of Case		Gender		STAGE (Analytic Cases)							Total	% Total
	Analytic	Non-Analytic	Male	Female	0	I	II	III	IV	NA	UNK		
ORAL CAVITY, PHARYNX	25	8	26	7	0	0	4	4	15	1	1	33	1.74
---Tongue	8	5	10	3	0	0	0	1	6	1	0	13	0.69
---Salivary Gland	3	0	3	0	0	0	0	0	3	0	0	3	0.16
---Floor of Mouth	0	1	1	0	0	0	0	0	0	0	0	1	0.05
---Tonsil	10	2	8	4	0	0	4	1	5	0	0	12	0.63
---Nasopharynx	1	0	1	0	0	0	0	1	0	0	0	1	0.05
---Oropharynx	1	0	1	0	0	0	0	0	0	0	1	1	0.05
---Hypopharynx	2	0	2	0	0	0	0	1	1	0	0	2	0.11
DIGESTIVE SYSTEM	308	65	201	172	2	9	37	84	129	3	44	373	19.71
---Esophagus	21	3	18	6	0	0	0	3	10	0	8	24	1.27
---Stomach	28	3	18	13	0	0	3	2	18	0	5	31	1.64
---Small Intestine	8	1	5	4	0	0	0	1	2	1	4	9	0.48
---Colon, Rectum, Anus	166	47	103	110	2	6	22	58	56	0	22	213	11.26
-----Colon Excluding Rectum	101	33	63	71	2	2	14	37	43	0	3	134	7.08
-----Cecum	28	6	17	17	0	0	3	11	13	0	1	34	1.80
-----Appendix	2	6	2	6	0	0	0	1	1	0	0	8	0.42
-----Ascending Colon	10	7	3	14	0	0	2	4	4	0	0	17	0.90
-----Hepatic Flexure	5	1	2	4	0	0	0	2	2	0	1	6	0.32
-----Transverse Colon	7	1	5	3	0	0	0	6	1	0	0	8	0.42
-----Splenic Flexure	7	3	6	4	1	0	1	2	3	0	0	10	0.53
-----Descending Colon	7	0	5	2	0	1	2	2	2	0	0	7	0.37
-----Sigmoid Colon	33	7	21	19	1	1	6	9	15	0	1	40	2.11
-----Large Intestine, NOS	2	2	2	2	0	0	0	0	2	0	0	4	0.21
-----Rectosigmoid, Rectum, Anus	65	14	40	39	0	4	8	21	13	0	19	79	4.18
-----Rectosigmoid Junction	9	5	6	8	0	1	2	5	1	0	0	14	0.74
-----Rectum	44	7	31	20	0	1	5	13	10	0	15	51	2.70
-----Anus, Anal Canal, Anorectum	12	2	3	11	0	2	1	3	2	0	4	14	0.74
---Liver, Gallbladder, Intrahep Bile	26	3	22	7	0	2	5	8	6	1	4	29	1.53
-----Liver	11	2	10	3	0	0	2	2	4	1	2	13	0.69
-----Gallbladder	2	0	2	0	0	0	0	1	0	0	1	2	0.11
-----Intrahepatic Bile Duct	8	0	7	1	0	1	2	3	2	0	0	8	0.42
-----Other Biliary	5	1	3	3	0	1	1	2	0	0	1	6	0.32
---Pancreas	58	7	33	32	0	1	7	12	37	0	1	65	3.44
---Retroperitoneum	1	1	2	0	0	0	0	0	0	1	0	2	0.11
RESPIRATORY SYSTEM	292	30	196	126	0	39	18	63	142	12	18	322	17.02
---Nose, Nasal Cavity, Middle Ear	0	1	1	0	0	0	0	0	0	0	0	1	0.05
---Larynx	10	4	12	2	0	0	0	2	5	0	3	14	0.74
---Lung and Bronchus	281	25	182	124	0	39	18	61	137	11	15	306	16.17
-----Non-Small Cell	231	19	158	92	0	38	16	49	103	11	14	250	13.21
-----Small Cell	33	3	15	21	0	1	2	11	19	0	0	36	1.90
-----Other Lung	17	3	9	11	0	0	0	1	15	0	1	20	1.06
---Mediastinum, Other Resp.	1	0	1	0	0	0	0	0	0	1	0	1	0.05
BONES, JOINTS	2	3	4	1	0	0	1	0	1	0	0	5	0.26
SOFT TISSUE INCLUDING HEART	8	2	6	4	0	2	1	0	0	4	1	10	0.53
SKIN	15	63	45	33	2	4	0	6	2	0	1	78	4.12
---Skin: Melanoma	15	58	43	30	2	4	0	6	2	0	1	73	3.86
---Skin: Other Non-Epithelial	0	5	2	3	0	0	0	0	0	0	0	5	0.26
BREAST	435	13	4	444	58	239	58	25	37	2	16	448	23.68
---Female Breast	431	13	0	444	58	237	58	25	35	2	16	444	23.47
---Male Breast	4	0	4	0	0	2	0	0	2	0	0	4	0.21

PRIMARY SITE TABLE-2018

Baptist Medical Center South-Cancer Cases 2018

Diagnostic Site	Class of Case		Gender		STAGE (Analytic Cases)							Total	% Total
	Analytic	Non-Analytic	Male	Female	0	I	II	III	IV	NA	UNK		
FEMALE GENITAL SYSTEM	46	12	0	58	0	5	3	11	10	1	16	58	3.07
---Cervix Uteri	10	2	0	12	0	1	2	1	2	0	4	12	0.63
---Corpus, Uterus: NOS	22	6	0	28	0	3	1	3	5	0	10	28	1.48
-----Corpus Uteri	22	6	0	28	0	3	1	3	5	0	10	28	1.48
---Ovary	9	1	0	10	0	0	0	5	2	0	2	10	0.53
---Vagina	2	1	0	3	0	1	0	0	1	0	0	3	0.16
---Vulva	3	2	0	5	0	0	0	2	0	1	0	5	0.26
MALE GENITAL SYSTEM	122	33	155	0	0	20	43	14	18	1	26	155	8.19
---Prostate	120	27	147	0	0	20	43	14	17	1	25	147	7.77
---Testis	0	6	6	0	0	0	0	0	0	0	0	6	0.32
---Penis	2	0	2	0	0	0	0	0	1	0	1	2	0.11
URINARY SYSTEM	75	13	56	32	11	21	7	8	20	0	8	88	4.65
---Urinary Bladder	28	7	23	12	8	1	5	4	7	0	3	35	1.85
---Kidney	39	5	27	17	0	20	2	3	11	0	3	44	2.33
---Renal Pelvis	4	1	2	3	0	0	0	1	1	0	2	5	0.26
---Ureter	4	0	4	0	3	0	0	0	1	0	0	4	0.21
BRAIN, OTHER NERVOUS SYS	29	4	7	26	0	0	0	0	0	27	2	33	1.74
---Brain: Malignant	11	1	4	8	0	0	0	0	0	10	1	12	0.63
---Brain-CNS: Benign, Borderline	18	3	3	18	0	0	0	0	0	17	1	21	1.11
ENDOCRINE SYSTEM	22	5	12	15	0	5	2	1	0	11	3	27	1.43
---Thyroid	10	5	6	9	0	5	2	0	0	0	3	15	0.79
---Thymus	1	0	0	1	0	0	0	1	0	0	0	1	0.05
---Other Endocrine	1	0	1	0	0	0	0	0	0	1	0	1	0.05
---Endocrine: Benign, Borderline	10	0	5	5	0	0	0	0	0	10	0	10	0.53
LYMPHOMA	62	8	37	33	0	7	9	15	22	6	3	70	3.70
---Hodgkin Lymphoma	6	0	5	1	0	0	1	1	4	0	0	6	0.32
-----Hodgkin - Nodal	6	0	5	1	0	0	1	1	4	0	0	6	0.32
---Non-Hodgkin Lymphoma	56	8	32	32	0	7	8	14	18	6	3	64	3.38
-----NHL - Nodal	38	3	20	21	0	2	5	14	13	1	3	41	2.17
-----NHL - Extranodal	18	5	12	11	0	5	3	0	5	5	0	23	1.22
MYELOMA	56	5	36	25	0	0	0	0	0	54	2	61	3.22
LEUKEMIA	58	5	29	34	0	0	0	0	27	26	5	63	3.33
---Lymphocytic Leukemia	30	2	13	19	0	0	0	0	26	1	3	32	1.69
-----Acute Lymphocytic Leukemia	0	1	0	1	0	0	0	0	0	0	0	1	0.05
-----Chronic Lymphocytic Leukemia	29	1	12	18	0	0	0	0	26	0	3	30	1.59
-----Other Lymphocytic Leukemia	1	0	1	0	0	0	0	0	0	1	0	1	0.05
---Non-Lymphocytic Leukemia	24	3	14	13	0	0	0	0	0	22	2	27	1.43
-----Acute Myeloid Leukemia	13	3	7	9	0	0	0	0	0	12	1	16	0.85
-----Chronic Myeloid Leukemia	11	0	7	4	0	0	0	0	0	10	1	11	0.58
---Other Leukemia	4	0	2	2	0	0	0	0	1	3	0	4	0.21
-----Aleukemic, Subleukemic, NOS	4	0	2	2	0	0	0	0	1	3	0	4	0.21
MESOTHELIOMA	2	0	2	0	0	0	0	1	1	0	0	2	0.11
MISCELLANEOUS	61	4	42	23	0	0	0	0	0	59	2	65	3.44
OTHER: BENIGN, BORDERLINE	0	1	0	1	0	0	0	0	0	0	0	1	0.05
TOTALS	1618	274	858	1034	73	351	183	232	424	207	148	1892	100.00



MONTGOMERY
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