



BSA

2018

ANNUAL CANCER REPORT

2018 ANNUAL CANCER REPORT



MISSION

To provide quality healthcare in
Christian love, service and dignity.

VISION

A great place for patients.
A great place to work.
The financial strength to accomplish both.



NATIONAL ACCREDITATION PROGRAM FOR BREAST CENTERS
ACCREDITED BREAST CENTER



2018 Annual Cancer Report

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Message from the Cancer Program Administrator



Curtis Reneau, B.S., R. T. (T)
*BSA Harrington Cancer
Center Director*

In 2018, BSA Harrington Cancer Center and Harrington Breast Center continued to expand and enhance oncology service offerings and care while staying true to the mission of providing quality healthcare in Christian love, service and dignity. A big piece to this is Ardent and BSA's commitment to the building of a new cancer center. We are currently in the design phase and look forward to new developments next year.

As we continue to focus on the need for better access to care, we have added a new Medical Oncologist, Dr. Javed Shinwari. He comes to us with great history of quality care in both Hematology and Medical Oncology. We are also excited to welcome Dr. Milan Patel into the BSA Harrington Cancer Center building. Dr. Patel joined the Harrington Physicians Group in 2016 but brings his practice into the BSA Harrington Cancer Center facility.

With the addition of Dr. Patel and Dr. Shinwari into the facility, it has created a need for more chemotherapy treatment space. In August of this year, we opened a second infusion space on the 2nd floor to help accommodate this growth. In addition to the new space, we have implemented an acuity system that assigns infusion nurses an appropriate patient load while allowing them to be the primary care taker for a particular set of patients. This leads to better efficiency and improved patient care. Since opening the second infusion room and implementing the acuity system, our patient satisfaction scores have increased.

Marilyn Miller, FNP is completing the City of Hope's Intensive Course in Cancer Risk Assessment, which will allow her to expand our Genetics Risk Assessment program. We currently offer this to our breast cancer population, but will be extending it to other sites to better serve patients. We are excited to have genetic assessment as one of our service offerings once again.

It is the goal of the cancer program to identify areas of need and address them. One such area is breast cancer navigation. Breast cancer remains one of the most common types of cancer and a large percentage of the BSA Harrington Cancer Center's population. To address this, we added a second Nurse Navigator to ensure that each breast cancer patient receives the personal touch of a navigator who walks through the cancer journey with them.

BSA Harrington Cancer Center is dedicated to providing the best quality in patient care and the latest in cancer treatment options to the Texas Panhandle and surrounding communities.



2018 BSA Cancer Care Committee

The Cancer Care Committee is a multi-disciplined group made up of physicians and other healthcare professionals. The collaborative efforts of this group include implementing cancer program activities which are in compliance with Commission on Cancer Program Standards. Physician members are from diagnostic and treatment specialties which include: Surgery, Oncology, Radiation Oncology, Pathology and Radiology. Non-Physician members include Cancer Registry, Quality Improvement, Nursing, Case Management, Inpatient Therapy Services, Lymphedema and Outpatient Therapy Services, Pharmacy, Laboratory, Clinical Research, BSA Harrington Cancer Center, BSA Harrington Breast Center, Psychosocial Services, Clinical Education, Palliative Care, Survivorship Care Services, Nutrition Services, Supportive Care, Patient Navigation and the American Cancer Society.

BSA Cancer Care Committee Physicians

Daniel Arsenault, M.D., Radiation Oncology, Specializing in Prostate, Breast, Lung, Stereotactic Radiosurgery, *Cancer Care Committee Chair*

Brian Pruitt, M.D., FACS, Medical Oncology, Specializing in Breast Cancer, *Cancer Registry Quality Coordinator*

Sam Kirkendall, M.D., General Surgery, *Physician Liaison*

Jenks Currie, M.D., Diagnostic Radiology, Clinical Breast Radiology

Gary Aragon, M.D., Diagnostic Radiology, Clinical Breast Radiology

Anita Ravipati, M.D., Medical Oncology and Hematology, Specializing in Breast, Gastrointestinal Solid Tumors, Benign and Malignant Hematology

Robert Todd, M.D., Pathology

James Hurly, M.D., Pathology

Mark Sigler, M.D., Pulmonology

The Multidisciplinary Team, Cancer Program Administrators and Coordinators

Lance Gatlin, BSA Vice President Physician Services, *Cancer Program Administrator*

Curtis Reneau, B.S., R.T. (T), BSA Harrington Cancer Center Director, *Cancer Program Administrator*

Meagan Crawford, MBA, RHIA, CTR, BSA Harrington Cancer Center Manager Tumor Registry, *Cancer Conference Coordinator*

Annabel K. Hromas, BS, BSA Quality Improvement Project Specialist/Metabolic & Bariatric Surgical Clinical Reviewer, *Quality Improvement Coordinator*

Stan McKeever, MSW, BSA Harrington Cancer Center Manager Social Services, *Psychosocial Services Coordinator*

Gina Cravey, BSN, RN, CHRC, CCRC, BSA Harrington Cancer Center Manager Clinical Research, *Clinical Research Coordinator*

Barbara Simms, BSA Harrington Cancer Center Outreach Coordinator, *Community Outreach Coordinator*

Ellen Nelson, RN, Director, Orthopedics/Neurology and Oncology

Teri Skelton, RN, BSA Director of Pediatrics/PICU

Alana Elmquist, NP, BSA Palliative Care Program

Stephanie Alvarado, NP, BSA Palliative Care Program

Carolyn Veteto, BSN, RN, OCN, SCRNP, BSA Clinical Educator

Catrina Melton, RN, BSA Clinical Educator PEDI/PICU

Krissy Thomason, PharmD, BSA Harrington Cancer Center Pharmacy Manager

Shelly Black, COTA, CLT, BSA Outpatient Therapy Services

Gloria Mares, CTR, BSA Harrington Cancer Center Tumor Registry

The Multidisciplinary Team, Cancer Program Administrators & Coordinators (cont.)

Natalie Hall, RN, BSA Harrington Cancer Center Nurse Manager

Aneta Younger, BS, RT, CMD, BSA Harrington Cancer Center Manager Radiation Services

Whitney Warminski, RD, BSA Harrington Cancer Center Nutrition

Vietta Newton, RN, OCN, BSA Harrington Cancer Center Patient Navigation

Betsy Weaver, RN, BSA Harrington Cancer Center Patient Navigation

Bobbie Perrin, BSN, RN, OCN, CBPN-IC, BSA Harrington Cancer Center Patient Navigation

Kim Hazelbaker, BSA Harrington Cancer Center Lab Manager

Natalie Henning, LPC-S, BSA Harrington Cancer Center Supportive Care Counselor

Sharri Miller, BSN, RN, OCN, TTS, BSA Harrington Cancer Center Patient Education, Tobacco Cessation, Patient Navigation

Roseanne Ham, RN, BSA Case Management

Jennifer Puryear, American Cancer Society



Services Available For Our Oncology Patients

- Oncology Nursing Care
- Case Management
- Hematology
- Medical Oncology
- Radiation Oncology
- Surgical Services
- Pathology
- Diagnostic Imaging
- Patient Navigation
- Genetic Testing & Counseling
- Interdisciplinary Breast Clinic
- Interdisciplinary Lung Clinic
- Screening Services (Breast/Lung)
- Prevention Programs
- Inpatient Oncology (Adult & Pediatrics)
- Rehabilitation (Inpatient & Outpatient)
- Chemotherapy
- Clinical Research
- Laboratory
- Pharmacy
- Lymphedema Clinic
- Psychosocial Services
- Nutrition Services
- Emergency Services
- Respiratory Services
- Supportive Care Programs and Services
- Palliative Care/Hospice
- Survivorship Care Program
- Spiritual Care
- Sleep Disorders Services
- Tumor Registry
- Quality Improvement
- Mobile Mammography Coach



BSA Harrington Breast Center

BSA Harrington Breast Center is an outpatient facility dedicated to serving our community and surrounding region by identifying cancer in its infancy when it is most treatable. Our goal is to provide a calm and relaxing atmosphere to promote a better exam experience. Currently BSA Harrington Breast Center offers screening, diagnostic and bone health services. The center also reaches out to our surrounding neighbors to educate on the importance of screenings and early detection through community events such as the women's health and wellness fair, Susan G. Komen Race for the Cure, Business Connection, BSA Care Fair and many others. To ensure these potentially life-saving screenings are available to everyone, BSA Harrington Breast Center partners with local resources to provide no cost screenings for the uninsured. We have a long-standing relationship with High Plains Radiology Association, expert breast radiologists, to provide on-site patient care, education and diagnostic evaluation services to patients with breast health issues.

BSA Harrington Breast Center Provides:

- Digital Breast Tomosynthesis
- Digital Mammography
- Breast Ultrasound Services
- Ultrasound Guided Biopsy
- Stereotactic Breast Biopsy
- High Risk Clinic
- Bone Density Screening
- Saturday Appointments
- Mobile Mammography Coach

The BSA Harrington Breast Center continues to offer mobile digital screening mammography to Texas, Oklahoma and New Mexico as a part of its commitment to reaching the surrounding community with potentially life-saving breast cancer detection. The mobile mammography coach serves around 3,500 patients in the Texas and Oklahoma Panhandles as well as Eastern New Mexico. Common stops include community centers, schools, businesses, restaurants and churches.

BSA Harrington Breast Center has been accredited by the National Accreditation Program for Breast Centers for its Comprehensive Breast Program. To gain accreditation from the NAPBC, centers must have committed to provide the industry's best practices in breast cancer diagnosis. Part of that commitment is to provide the latest in screening mammography technology. This year, BSA Harrington Breast Center upgraded its second screening room to be able to provide 3D Mammography (Tomosynthesis).

The American College of Radiology's Breast Imaging Center of Excellence is for multiple service lines including mammography, stereotactic breast biopsy, breast ultrasound, ultrasound breast biopsy and MRI. This is awarded to centers that achieve excellence in all of the American College of Radiology's voluntary breast-imaging programs and modules. Currently BSA's breast MRI has been submitted for ACR accreditation and BSA Harrington Breast Center will once again have this distinguished award.

The commitment to excellence is not only through our technology and physicians but also our radiologic technologists. BSA Harrington Breast Center offers to its technologist's consistent in-house training and education. Each mammographer and ultrasound technician is subject to evaluations to test the quality and technique of their exams.

All of these things allow us to live out our mission at BSA Harrington Breast Center of providing quality healthcare in Christian love, service and dignity.



Cancer Registry BSA Harrington Cancer Center

The cancer registry at BSA is an integral component of the cancer program. The registry collects, analyzes and reports data on individuals diagnosed and/or treated at BSA Health System with a reportable diagnosis. The cancer registry is mandated by both the Texas Cancer Registry and the American College of Surgeons Commission on Cancer (CoC). The cancer registry is responsible for reporting demographics, medical history, diagnostic findings, site and type of cancer, stage of cancer, stage of disease, treatment received and survival outcomes. The data that is collected by a cancer registrar aids in statistical data for incidence and survival rates, treatment strategies and guidelines and the development of public health initiatives like cancer screening and prevention programs.

An abstract of the patient's cancer experience is completed by a Certified Tumor Registrar (CTR). The cancer registry currently has seven CTRs and two employees in training to become a CTR within the next year. Once a patient is entered into the registry database, the cancer registry is required by the CoC to follow-up on the patient on an annual basis, for their lifetime. Following a patient helps gather information for both survival and disease status.

In 2017, the cancer registry team abstracted 1,460 newly diagnosed cancer cases and added 14,803 follow up encounters on patients diagnosed between the years 2005 and 2016 for BSA Health System. In addition to abstracting and follow-up, the cancer registry team also oversees the quarterly cancer committee meetings for both of BSA's accreditations (CoC and NAPBC) and prepares and completes the two weekly tumor boards for BSA and BSA Harrington Cancer Center. The cancer registry is proud to be a part of the cancer program at BSA and strives to produce accurate and timely reporting of cancer data.



Cancer Registry Team (from left to right):

Terri Prescott, CTR; Alicia Smith; Gloria Mares, CTR; Meagan Crawford, MBA, RHIA, CTR (Manager)
Bonnie Tomlinson, CTR; Karen Frymoyer, RN, CTR; NaKisha Woods
Not pictured: Joyce Ritter, RHIA, CTR and Suzanne Basquez, RHIT, CTR

Primary Site Tabulation for BSA Analytic Case 2017

Primary Site	Total	Sex		AJCC Stage						
		M	F	0	I	II	III	IV	Unk	N/A
All Sites	1463	619	844	94	390	276	192	207	146	158
Oral Cavity	37	27	10	0	5	5	6	9	11	1
Lip	2	2	0	0	1	0	0	0	1	0
Tongue	12	6	6	0	1	2	2	3	4	0
Oropharynx	0	0	0	0	0	0	0	0	0	0
Hypopharynx	0	0	0	0	0	0	0	0	0	0
Other	23	19	4	0	3	3	4	6	6	1
Digestive System	248	150	98	14	42	47	56	55	27	7
Esophagus	6	6	0	0	0	1	0	3	2	0
Stomach	24	17	7	0	7	2	4	8	3	0
Colon	82	43	39	7	10	23	31	9	2	0
Rectum	62	41	21	5	13	5	13	12	14	0
Anus/Anal Canal	3	1	2	0	0	0	3	0	0	0
Liver	17	12	5	0	5	1	2	2	3	4
Pancreas	31	19	12	0	2	10	0	18	1	0
Other	23	11	12	2	5	5	3	3	2	3
Respiratory System	186	99	87	0	46	26	38	63	13	0
Nasal/Sinus	0	0	0	0	0	0	0	0	0	0
Larynx	7	5	2	0	2	1	2	1	1	0
Other	0	0	0	0	0	0	0	0	0	0
Lung/Bronc-Small Cell	27	16	11	0	3	1	6	15	2	0
Lung/Bronc-Non Small Cell	125	63	62	0	32	22	28	35	8	0
Other Bronchus & Lung	27	15	12	0	9	2	2	12	2	0
Blood & Bone Marrow	63	37	26	0	2	0	0	0	0	61
Leukemia	39	23	16	0	2	0	0	0	0	37
Multiple Myeloma	18	11	7	0	0	0	0	0	0	18
Other	6	3	3	0	0	0	0	0	0	6
Bone	3	1	2	0	0	1	0	1	0	1
Connect/Soft Tissue	12	9	3	0	6	0	1	0	5	0
Skin	91	43	48	17	38	18	6	2	9	1
Melanoma	85	39	46	17	38	16	5	2	7	0
Other	6	4	2	0	0	2	1	0	2	1
Breast	336	3	333	51	122	107	28	17	10	1
Female Genital	99	0	99	0	47	7	14	19	11	1
Cervix Uteri	24	0	24	0	8	4	7	5	0	0
Corpus Uteri	51	0	51	0	32	3	4	6	6	0
Ovary	19	0	19	0	7	0	2	6	4	0
Vulva	2	0	2	0	0	0	0	2	0	0
Other	3	0	3	0	0	0	1	0	1	1
Male Genital	91	91	0	1	6	40	20	12	12	0
Prostate	83	83	0	0	4	40	19	12	8	0
Testis	6	6	0	0	2	0	1	0	3	0
Other	2	2	0	1	0	0	0	0	1	0
Urinary System	119	73	46	11	37	14	12	15	29	1
Bladder	39	29	10	11	6	10	0	4	8	0
Kidney/Renal	78	44	34	0	31	4	12	10	20	1
Other	2	0	2	0	0	0	0	1	1	0
Brain & Cns	41	20	21	0	0	0	0	0	0	41
Brain (Benign)	6	3	3	0	0	0	0	0	0	6
Brain (Malignant)	20	13	7	0	0	0	0	0	0	20
Other	15	4	11	0	0	0	0	0	0	15
Endocrine	53	18	35	0	18	2	4	3	16	10
Thyroid	43	11	32	0	18	2	4	3	16	0
Other	10	7	3	0	0	0	0	0	0	10
Lymphatic System	49	34	15	0	21	9	6	10	2	1
Hodgkin's Disease	7	4	3	0	3	3	1	0	0	0
Non-Hodgkin's	42	30	12	0	18	6	5	10	2	1
Unknown Primary	24	10	14	0	0	0	0	0	0	24
Other/III-Defined	11	4	7	0	0	0	1	1	1	8

Data, Graphs & Tables compiled by: Goldston Cancer Registry Manager & Quality Improvement Coordinator



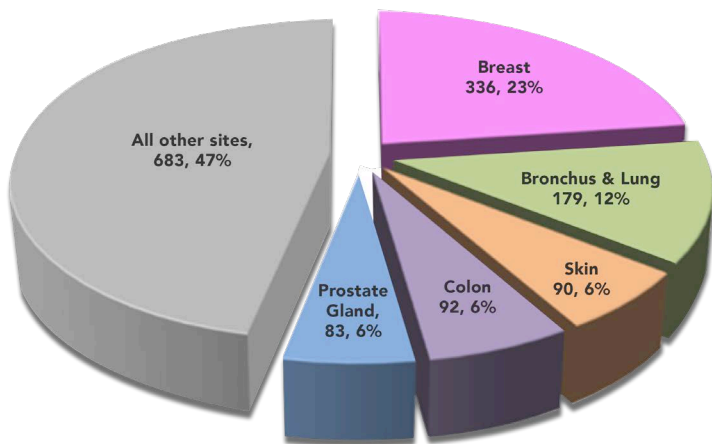
From left to right:

Meagan Crawford, MBA, RHIA, CTR, BSA
Harrington Cancer Center Manager Tumor Registry,
 Cancer Conference Coordinator

Annabel K. Hromas, BS, BSA Quality Improvement
Project Specialist

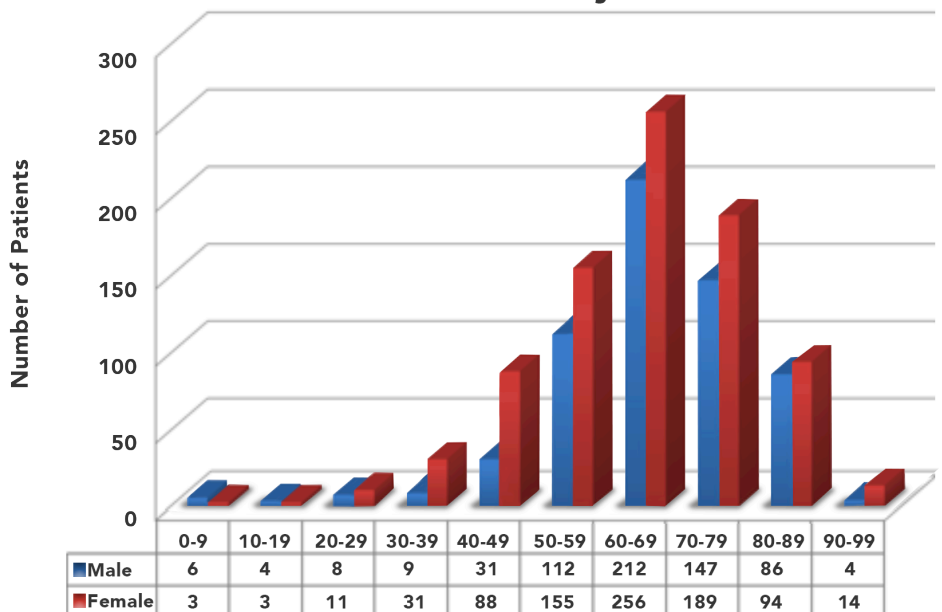
Metabolic & Bariatric Surgical Clinical Reviewer (MBSCR),
 Cancer Program Quality Improvement Coordinator

Top Five Cancer Sites



Total Number of Cases, N=1463
 top 5 Sites, n=780

Age Range by Sex Cancer Distribution for BSA Analytic Cases



BSA Cancer Program Practice Profile Report (CP3R) & Commission on Cancer Quality of Care Measures

Measures for Breast¹:

- BCS RT** (Std 4.4)- Radiation therapy is administered within 1 year (365 days) of diagnosis for women under the age of 70 receiving breast conservation surgery for breast cancer.
- MAST RT** (Std 4.4)-Radiation therapy is recommended or administered following any mastectomy within 1 year (365 days) of diagnosis of breast cancer for women with ≥ 4 positive regional lymph nodes.
- nBx** (Std 4.5)-Image or palpation-guided needle biopsy to the primary site is performed to establish a diagnosis of breast cancer.
- BCS** - Breast conservation surgery rate for women with AJCC clinical stage 0, I, or II breast cancer.
- HT** (Std 4.4)-Tamoxifen or third generation aromatase inhibitor is recommended or administered within 1 year (365 days) of diagnosis for women with AJCC T1cN0M0, or stage IB - III hormone receptor positive breast cancer.
- MAC** - Combination chemotherapy is recommended or administered within 4 months (120 days) of diagnosis for women under 70 with AJCC T1cN0M0, or stage IB - III hormone receptor negative breast cancer.

YEAR	MEASURE	NUMBER APPLICABLE	BSA/HCC RATE (%)	BENCHMARK
2017	BCS RT	94/96	98%	90%
	MAST RT	6/6	100%	90%
	nBx	198/198	100%	80%
	BCS	171/229	75%	NA
	HT	103/105	98%	90%
	MAC	21/21	100%	NA

Measures for Colon¹:

- ACT** - Adjuvant chemotherapy is recommended or administered within 4 months (120 days) of diagnosis for patients under the age of 80 with AJCC Stage III (lymph node positive) colon cancer.
- 12RLN** (Std 4.5) - At least 12 regional lymph nodes are removed and pathologically examined for resected colon cancer.

YEAR	MEASURE	NUMBER APPLICABLE	BSA/HCC RATE (%)	BENCHMARK
2017	ACT	17/17	100%	NA
	12RLN	57/57	100%	85%

Measure for Rectum¹:

- RECRTCT** - (Std 4.5)- Preoperative chemo and radiation are administered for clinical AJCC T3N0, T4N0, or Stage III; or Postoperative chemo and radiation are administered within 180 days of diagnosis for clinical AJCC T1-2N0 with pathologic AJCC T3N0, T4N0, or Stage III; or treatment is recommended; for patients under the age of 80 receiving resection for rectal cancer.

YEAR	MEASURE	NUMBER APPLICABLE	BSA/HCC RATE (%)	BENCHMARK
2017	RECRTCT	15/16	94%	85%

Reference:

- The American College of Surgeons (2018). Commission on Cancer Quality Measures. Retrieved December 2018 at <https://www.facs.org/quality-programs/cancer/ncdb/qualitymeasures>.

Measures for Gastric¹:

G15RLN (Std 4.5) - At least 15 regional lymph nodes are removed and pathologically examined for resected gastric cancer.

YEAR	MEASURE	NUMBER APPLICABLE	BSA/HCC RATE (%)	BENCHMARK
2017	G15RLN	7/8	88%	80%

Measures for Lung¹:

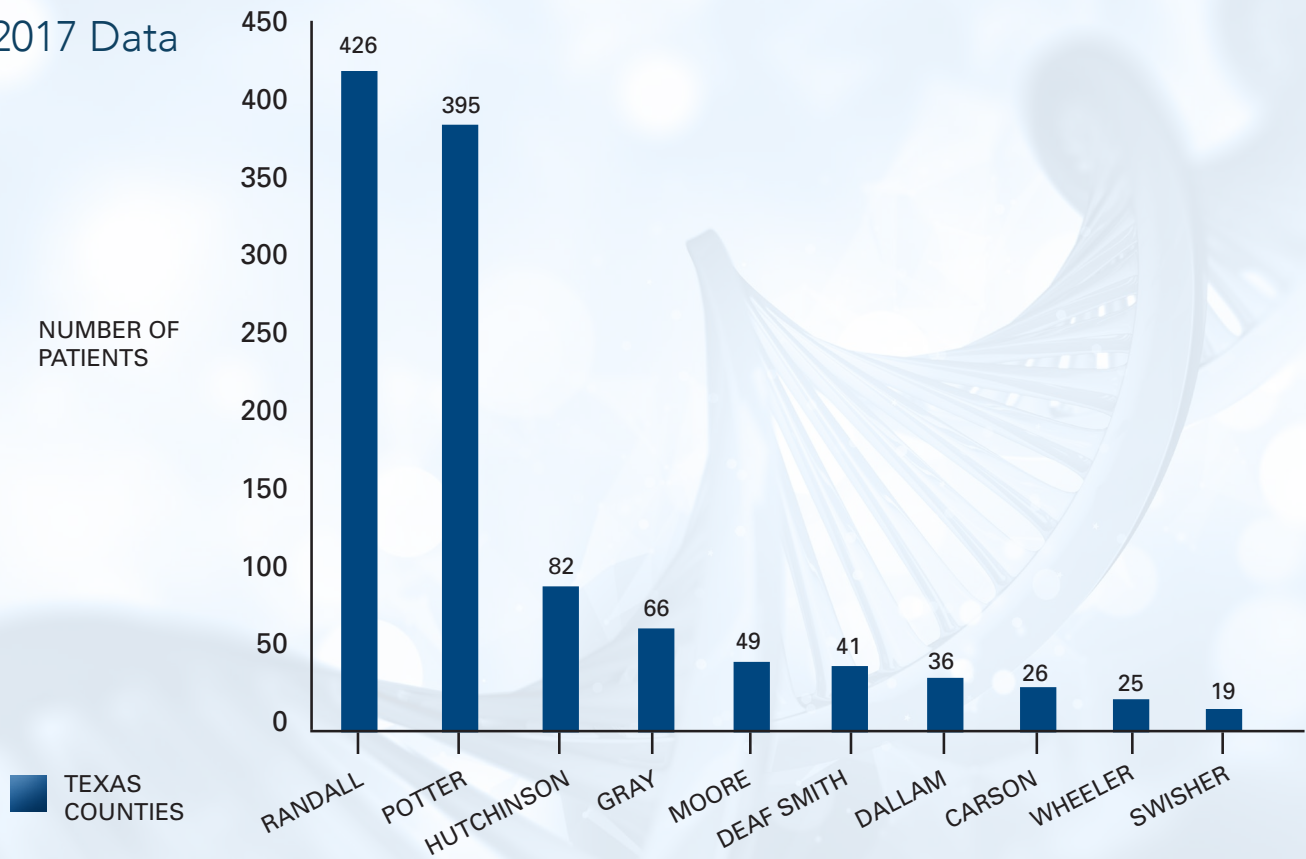
- LCT** (Std 4.5)-Systemic chemotherapy is administered within 4 months to day preoperatively or day of surgery to 6 months postoperatively, or recommended for surgically resected cases with pathologic, lymph node positive (pN1) & (pN2) NSCLC.
- LNoSrg** (Std 4.5)-Surgery is not the first course of treatment for cN2, M0 lung cases..

YEAR	MEASURE	NUMBER APPLICABLE	BSA/HCC RATE (%)	BENCHMARK
2017	LCT	3/3	100%	85%
	LNoSurg	10/10	100%	85%

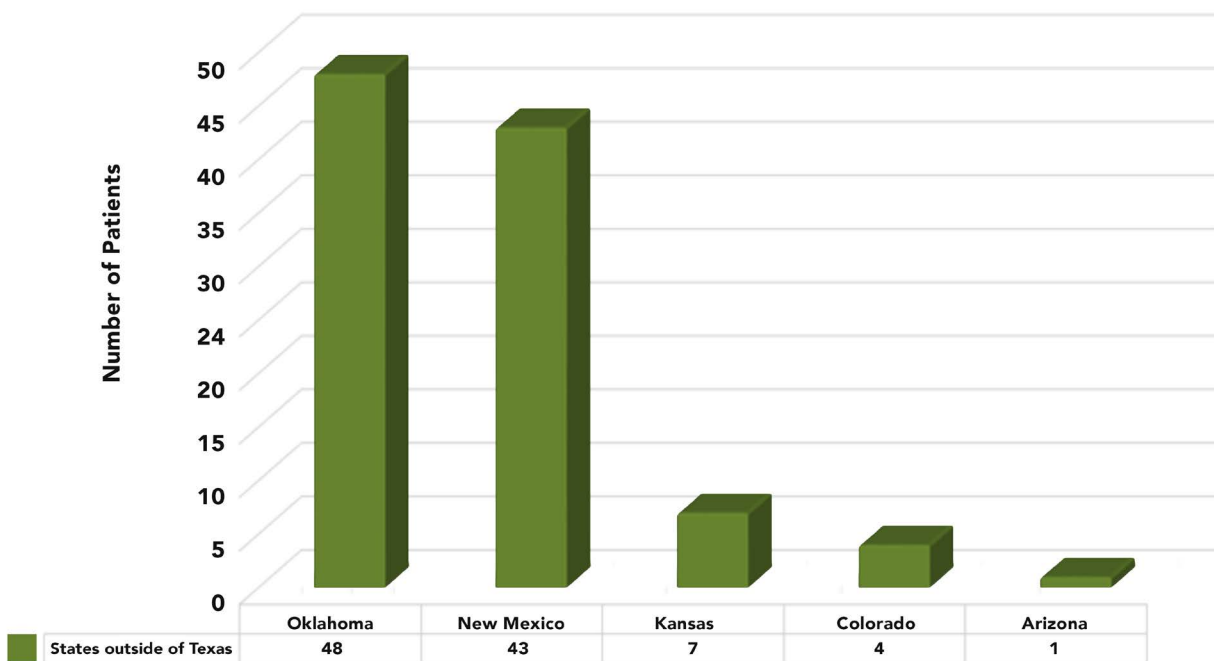


Top 10 Texas Counties at BSA for Patients Diagnosed with Cancer

2017 Data



Patients Seen from States Outside Texas



Overview of Cancer Conferences / Tumor Boards for 2018

Cancer Conferences, also known as tumor boards, are a great opportunity for physicians and clinical staff to review and discuss treatment options while in a multidisciplinary setting. At each conference, a multidisciplinary group of physicians and support staff gather to review and discuss each case in detail including the patient's clinical history, pathology, imaging, stage of disease, genetics/family history, clinical trial availability, national guidelines and treatment options available. These cases can include those that are newly diagnosed and not yet treated, those cases where treatment has been initiated but further treatment may be required, and those cases that include disease progression or recurrence. Tumor Boards are coordinated by the cancer registry.

BSA Health System/Harrington Cancer Center hosts two weekly cancer conferences (tumor boards).

- General Tumor Board- Held every Wednesday from 7-8 a.m.
- Breast Tumor Board- Held every Thursday from 7-8 a.m.

The multidisciplinary team is comprised of the following individuals:

- Surgeons (General Surgery, Surgical Oncology, Thoracic Surgery, Plastic Surgery)
- Medical Oncologists
- Radiation Oncologists
- Pathologists
- Radiologists
- Pulmonologists
- Other Physicians (Family Medicine, Internal Medicine, Nuclear Medicine)
- Fellows & Medical Students
- Nurse Practitioners
- Cancer Registry Staff
- Clinical Research Nurses
- Nurse Navigators
- Radiation Therapy Staff
- Nursing Staff
- Breast Center Staff
- Administration

From January-December 2018, a combined total of 311 cases were presented during the General and Breast Tumor board.

TUMOR BOARD CONFERENCE	PROSPECTIVE CASES PRESENTED	TOTAL NUMBER OF CASES PRESENTED
General Tumor Board	159	159
Breast Tumor Board	152	152
Total Cases Presented	311	311

Top 5 sites presented at tumor boards in 2018

- Breast
- Colorectal
- Lung
- Skin (Melanoma, SqCC, BCC, Merkel)
- Lymphoma

**Physician Groups with Members on Cancer Care Committee,
Breast Program Leadership and Cancer Conferences/Tumor Boards**



Brian Pruitt, M.D., FACP
*Medical Oncology
Specializing in Breast Cancer*



Daniel Arsenault, M.D.
*Radiation Oncology
Specializing in Prostate,
Breast, Lung & Stereotactic
Radiosurgery (SRS)*



Anita Ravipati, M.D.
*General Medical
Oncology & Hematology
Specializing in Breast,
Gastrointestinal Solid Tumors,
Benign Hematology &
Lymphomas*



Jaime Zusman, M.D.
*Radiation Oncology
Specializing in Breast, Brain,
Lung, Head & Neck Cancers,
Pediatric & Stereotactic
Radiosurgery (SRS)*



Paul Zorsky, M.D., MS
*Medical Oncology &
Hematology*



Milan Patel, M.D.
*Medical Oncology &
Hematology*



Javed Shinwari, M.D.
*Medical Oncology &
Hematology*



ASG

AMARILLO SURGICAL GROUP



For more than 40 years, Amarillo Surgical Group has been a leader in surgical care in Amarillo. The surgeons bring expertise in multiple surgical specialties and the latest advancements in their fields.

Samuel Kirkendall, M.D.
General Surgery & Robotic Surgery
Physician Liaison



Michael A. Lary, M.D., FACS
General Surgery
Breast Surgical Oncology & Oncoplastic Breast Surgery



John P. McKinley, M.D., FACS
General Surgery & Peripheral Vascular Surgery



David C. Langley, M.D., FACS
General Surgery & Peripheral Vascular Surgery



Shane E. Holloway, M.D., FACS
General Surgery & Surgical Oncology



Chance L. Irwin, M.D., FACS
General Surgery & Peripheral Vascular Surgery





Robert Todd, M.D.



James Hurly, M.D.



Andrew Hoot, M.D.



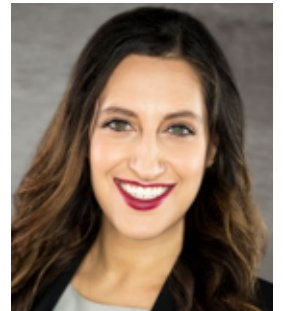
Daniel Schneider, M.D.



Michael Sennett, M.D.



Jason Schocker, M.D.



Eva Bashover, M.D.





**HIGH PLAINS
RADIOLOGICAL
ASSOCIATION**



John Andrew, M.D.



Gary Aragon, M.D.



Branch Archer, M.D.



Richard Archer, M.D.



April Bailey, M.D.



Charles Brooks, M.D.



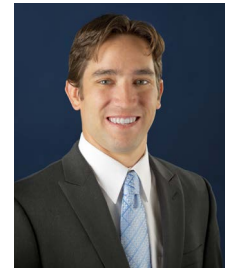
Crandon Clark, M.D.



Stanley Cook, M.D.



T. Jenks Currie, M.D.



Michael Daniel, M.D.



Aaron Elliot, M.D.



Paul Hakim, M.D.



Michael Hall, M.D.



Raj Hashmi, M.D.



Richard Khu, M.D.



Nilay Mehta, M.D.



Rahul Mehta, M.D.



Paul Pan, M.D.



Robert Pinkston, M.D.



Matthew Scalapino, M.D.



Rakesh Shah, M.D.



Elijah Trout, M.D.



Martin Uszynski, M.D.



Kimberly Waugh, M.D.



Lawrence Zarian, M.D.



BSA 
Amarillo Diagnostic Clinic



Javier Diéguez, M.D.
Pulmonology



Mark Sigler, M.D.
Pulmonology



Timothy S. Mooring, M.D.
Pulmonology



Bill F. Byrd, M.D.
Nuclear Medicine



BSA Harrington Cancer Center Pharmacy

BSA Harrington Physicians, Inc. (BSA HPI) opened a specialty retail pharmacy this year. Having an in-house pharmacy allows BSA Harrington Cancer Center patients to receive their oral chemotherapy in a more timely and efficient manner.

The BSA HPI Pharmacy is also able to conveniently fill supportive medications for all our patients. Our Oncology Pharmacists, Amy Cunningham, PharmD, and Krissy Thomason, PharmD have years of oncology experience and are able to educate patients, help with compliance, manage adverse effects and ensure that patients are cared for in the best possible way.

Pharmacy hours are Monday - Thursday, 8 a.m. - 5 p.m., and Friday, 8 a.m. - 2:30 p.m.



Nutrition: BSA Harrington Cancer Center Snack Shak

In May 2018, several members from the Supportive Care Department met with Dyron Howell, Executive Director for Snack Pak 4 Kids, regarding the issue of food insecurity in the adult and elderly population. Dyron and his team identified food insecurity as not only an issue in school-aged children, but also in the adult and elderly population in the area. They began piloting “Snack Shak” programs for adults and elderly at healthcare facilities and clinics to provide these people access to food at no cost to them, through various funding methods.

BSA Harrington Cancer Center was able to coordinate with Harrington Cancer and Health Foundation to obtain funding to start the Snack Shak program. BSA Harrington Cancer Center dietitian, Whitney Warminski, selected food items to stock the pantry. The goal was to select foods that were nutritious and appropriate for BSA Harrington Cancer Center patient population. The BSA Harrington Cancer Center Snack Shak opened in June 2018.



Whitney Warminski, BSA Harrington Cancer Center Dietitian

Patients that express concerns about a lack of access to food or lack of resources for food may be eligible for food assistance through the BSA Harrington Cancer Center Snack Shak. These patients are often identified through conversations with Supportive Care staff regarding social and dietary concerns. Patients may also be referred to Supportive Care Services for food assistance by any BSA Harrington Cancer Center staff member. Once potential food insecurity is identified, patients are made aware of the Snack Shak as a short-term food resource and they are presented with a list of available food items. Patients can select which items they would like to take home and are given the food items by Supportive Care staff the same day. Since tracking began in late July, the BSA Harrington Cancer Center Snack Shak has assisted 17 patients.



2018 Oncology Department & Unit Specific Education (Adult Patient)

Annual Competency

- Bedside Swallow Evaluation
- Biomed
- Central Line Dressing Change
- Glucose Monitor
- Narcotic Diversion
- Needle Safety
- Patient Safety
- Restraints
- Safe Patient Handling/Turn Assist

Unit Competency

- CAUTI Prevention
- CLABSI Prevention
- Fall Prevention
- Hazardous Drug Precautions
- Policy Tech
- Pressure Ulcer Prevention
- Time Out

Netlearning

- Abuse & Neglect
- ACS & Stroke
- Blood Administration
- Care of the Bariatric Patient
- Cultural Competency
- Delegation & Supervision
- EMTALA
- Fall Prevention
- Hazardous Drug Precautions
- Pain Management
- Sepsis
- Trauma
- Wound Care

Department & Unit Specific Education on:

- V.A.C. Ultra™
- Intelli-OX™
- Venti-masks
- Prevalon® Heel Boots & Turn Assist and Position System
- IV Tubing
- Metastasis
- 3M™Curo™ Stopper
- Hospira® IV pumps & Lifecare 360 PCA Pumps
- Onivyrde®

Storyboards for nursing education on chemotherapies
Newsletters, Journal Articles.



Nursing Staff (Left to Right)

Jana Cranmer, LVN, Liz Hernandez, RN, Ally Blevins, RN, Trista Moon, RN, Amber Mayhugh, RN, Ellen Nelson, RN, Director, BSA Orthopedics/Neurology and Oncology

2018 Oncology Certified Nurses (OCNs): Joni Faulkner, Natalie Hall, Marianne Jones, & Carolyn Veteto Chemo Provider Cards: 14

All adult inpatient nurses on the adult unit are expected to maintain an active chemo provider card through the Oncology Nursing Society. Current providers renew this status every two years by completing the online ONS/ONCC Chemotherapy Biotherapy Certificate Renewal course (5.3 contact hours).

Starting in 2017 inexperienced nurses are enrolled in a bundled group of courses (21.8 contact hours) through ONS which includes Cancer Basics, Cancer Biology, and Chemotherapy Biotherapy Fundamentals of Administration.

All registered nurses are also ACLS certified.

BSA Harrington Cancer Center Nurse Navigators



Left to Right:

Sharri Miller, BSN, RN, OCN, TTS, *BSA Harrington Cancer Center Patient Education, Tobacco Cessation, Patient Navigation*

Betsy Weaver, RN, *BSA Harrington Cancer Center Patient Navigation*

Vietta Newton, RN, OCN, *BSA Harrington Cancer Center Patient Navigation*

Nurse Navigator: A simple name with a very complex job description. If you have ever been diagnosed with cancer, you can understand the importance of this role. Nurse Navigators assist with educating the patient about their cancer and the treatments that are associated with it. They initiate all the scheduling and try to assure the patient's path to treatment is as streamline as possible. The clinical aspect is very important but Nurse Navigators also help the patient by providing compassionate support. Every patient knows that their navigator is only a phone call away and can contact them at any time. They connect with them by identifying the barriers to care and connect the patient to the many resources available to help with the communication with the medical team, social, logistical, financial and spiritual needs through the survivorship stages. Cancer is a very difficult diagnosis and our goal is that no one ever walks this journey alone. The Nurse Navigator is sensitive to the emotional needs of the patient, caregivers and families. At this time, we have three navigators that navigate breast, lung and head/neck cancers.



BREAST SCREENING GUIDELINES

(as recommended by the American Cancer Society)

- Mammography**
 Yearly beginning at age 40.
 This recommendation is supported by: The American College of Obstetricians & Gynecologists, American College of Surgeons & American College of Radiology.
- Clinical breast exam by a healthcare professional:**
 Every three years from 20 to 39 years of age. Annually beginning at age 40.
- Beginning In their 20s:**
 Women should be aware of how their breasts normally feel and report changes to a health professional.
- Breast MRI:**
 Certain women with factors that place them at high risk should get a Breast MRI and a mammogram annually.

BREAST SELF-EXAM TIPS:

- Lie down with right arm behind your head.
- Use three middle fingers to feel for lumps in the right breast tissue in overlapping dime-sized circular motions.
- Use light, medium and fine pressure in each spot to feel the different depths of tissue.
- Move up and down around the breast from underarm to the middle chest bone, ribs to collar bone.
- Repeat steps on opposite side.
- Stand in front of mirror to look for changes in size, shape, contour, dimpling, redness or scaliness of nipple and breast skin.



HIGH RISK ASSESSMENT PROGRAM

The purpose of this unique program is to identify individuals at greatest risk for breast cancer and to implement closer surveillance and risk-reduction strategies designed to prevent breast cancer and/or ensure early detection.

HIGH RISK SERVICES INCLUDE:

- One-on-one consultation with a Breast Health Nurse for a comprehensive risk assessment based on your personal and family history, including statistical probabilities for developing breast cancer.
- Discussion and education of factors related to breast cancer risk.
- Discussion and education of possible risk reduction strategies including:
 - Increased surveillance with mammography and breast MRI
 - Genetic counseling and testing
 - Clinical breast exam
- Individualized plan of care
- Referrals for services as needed



HARRINGTON CANCER CENTER

Tobacco Cessation
806-463-QUIT (7848)

ABOUT US

The Tobacco Dependence Center at BSA Harrington Cancer Center is dedicated to providing health education on the devastating effects of tobacco use and helping tobacco users kick the habit. The Center also offers education on secondhand smoke and tobacco addiction.

Tobacco users are encouraged to join one of the Tobacco Dependence Center's comprehensive tobacco cessation programs. This includes the quitting class, the quit club and individual counseling. The treatment team at the Center offers support and works to help individuals develop the motivation and skills needed to stop using tobacco. The Center specialists develop a plan that gives the best chance of success.

The Center also offers tobacco cessation for the workplace. This includes training for medical professionals on patient tobacco cessation, work-site tobacco cessation programs and professional speaking engagements.

OUR MISSION

To reduce the burden of cancer and blood diseases in our communities through patient care, cancer education and research.

Tobacco Cessation Statistics

Tobacco Cessation: January - October 2018

- » Pt's counseled to date: 71
- » Pt's were mailed TC Program info: 32
- » Total referrals: 103
- » 52 patients quit at least 30 days.



Sharri Miller, BSN, RN, OCN, TTS, BSA Harrington Cancer Center Patient Education, Tobacco Cessation, Patient Navigation

QUITTING TOBACCO

Every year, more than 480,000 people in the United States die from tobacco use and second hand smoke. Tobacco use remains the single largest preventable cause of death and disease in the U.S. Taking the steps to quitting tobacco use can have numerous benefits over time.

20 MINUTES AFTER QUITTING

Your heart rate and blood pressure drop.

12 HOURS AFTER QUITTING

The carbon monoxide level in your blood drops to normal.

1 TO 9 MONTHS AFTER QUITTING

Coughing and shortness of breath decrease.

1 YEAR AFTER QUITTING

The excess risk of coronary heart disease is half that of someone who still smokes.

5 YEARS AFTER QUITTING

Your risk of cancers of the mouth, throat, esophagus and bladder is cut in half.

10 YEARS AFTER QUITTING

Your risk of dying from lung cancer is about half that of a person who is still smoking.

15 YEARS AFTER QUITTING

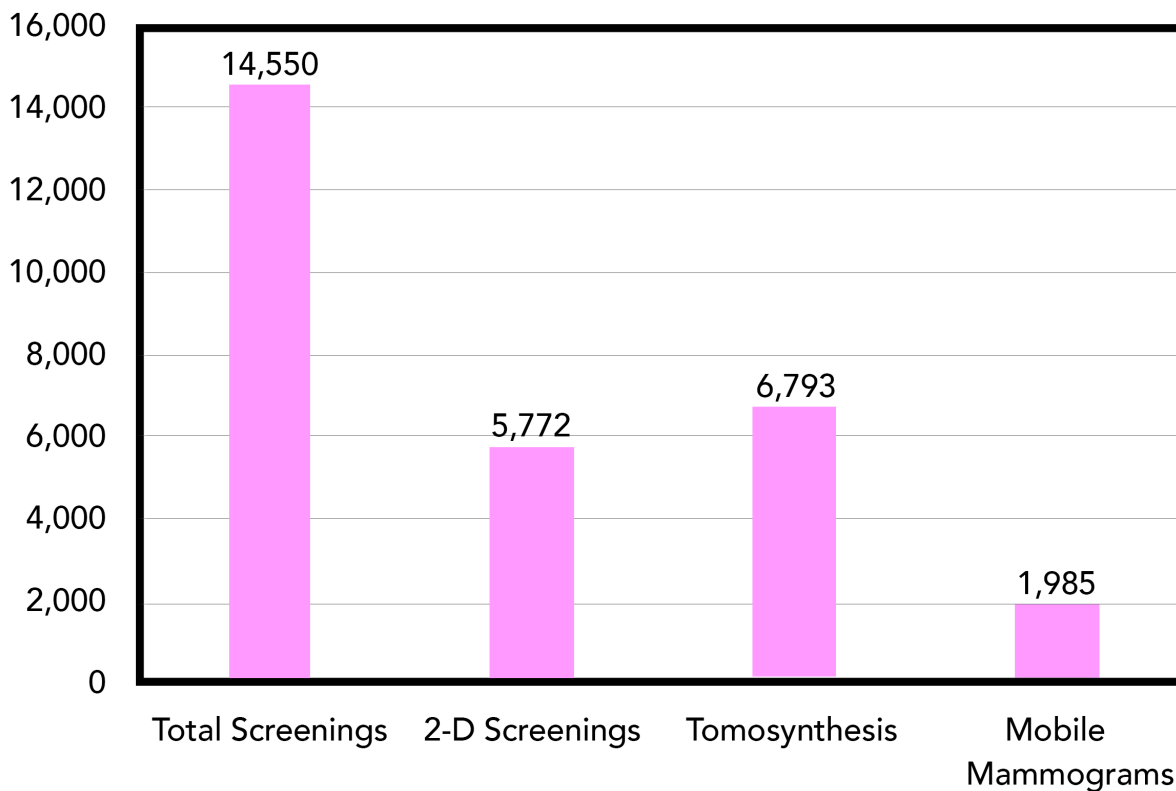
Your risk of coronary heart disease is that of a non-smoker's.

SCREENING & PREVENTION OUTCOMES

1. Breast Cancer Screenings (Jan-Oct)

- Total Screenings- 14,550
- 2-D Screenings at HBC- 5,772
- Tomosynthesis- 6,793
- Mobile Mammograms- 1,985

Harrington Breast Center 2018 Exams JAN - OCT 2018



2. LDCT Lung Cancer Screenings (Jan-Oct)

- 214-Patients Screened from Jan – Oct 9, 2018
- 1-CDR (Cancer Detection Rate)
- 14-Abnormal Detection Rate
(those with Lung-Rads of either 3, 4a, 4b, 4x)

CLINICAL RESEARCH

Research remains a pillar of cancer treatment at BSA Harrington Cancer Center. As breast and lung cancer remain two of the most prevalent malignancies in our community, BSA Harrington Cancer Center investigators find various research opportunities for these diagnoses. Currently, BSA Harrington Cancer Center has seven different clinical trials open for breast cancer. There are opportunities for patients with triple negative, node positive, early stage or more advanced breast cancer.

One study, the BWEL Breast Cancer Weight Loss Study will look at whether losing weight, by eating less and exercising more, changes the risk of cancer recurrence in women who have been diagnosed with early breast cancer. The study will enroll more than 3,000 patients with breast cancer in the United States and Canada. Patients may be eligible to participate if:

- ✓ Diagnosed with stage II or III breast cancer within the last 12 months
- ✓ Completed surgery and chemotherapy (if given)
- ✓ Interested in losing weight and have a body mass index (or BMI) greater than 27 kg/m²

Precision medicine or targeted therapy continues to be a focus in cancer research. Precision medicine involves screening each patient's tumor for specific genetic changes, and selecting a drug or treatment to target the types of changes identified. BSA Harrington Cancer Center has two different non-small cell lung cancer trials involving targeted therapy, the Lung-Map and the ALCHEMIST trial.

BSA Harrington Cancer Center is in its fourth year of participating in NCI's Lung-Map trial (Lung Cancer Master Protocol). (1) The Lung-Map protocol is a clinical trial for patients with advanced squamous cell lung cancer that has not responded to, or has stopped responding to the current standard of care. Patients with advanced stage lung cancer are screened for alterations in any of more than 200 cancer-related genes. The results of the screening tests are used to assign each patient to the trial arm that is best matched to their tumor's genomic profile, if an arm is available. The protocol is unique because it offers patients targeted therapy and immunotherapy under one umbrella protocol.

Recently added is the ALCHEMIST trial (Adjuvant Lung Cancer Enrichment Marker Identification and Sequencing Trials). (2) The ALCHEMIST trial is a group of randomized trials for patients with early-stage non-small cell lung cancer (NSCLC) whose tumor has been completely removed by surgery. [The ALCHEMIST trials](#) are testing therapies that target two types of genetic changes that are thought to drive lung cancer growth: mutations in the EGFR gene and a rearrangement of the ALK gene.

References:

- 1 <https://www.cancer.gov/types/lung/research/lung-map>
- 2 <https://www.cancer.gov/types/lung/research/alchemist>



PATIENT BOUTIQUE

At BSA Harrington Cancer Center, we make every effort to meet your needs during treatment - both medically and personally. The Patient Boutique is a free service for the patients of the BSA Harrington Cancer Center who are receiving cancer treatment which may result in hair loss.

The Patient Boutique is located on the 2nd Floor of the Cancer Center across from the South elevator. Volunteers provide wigs, sleeping caps, hats and other items for our patients that have hair loss. There are volunteers available during clinic hours to assist with fittings and selections.

The private wig room is available to patients on an appointment basis. We have volunteer, professional stylists, who are willing and ready to meet with you to assist with color-matching, wig fitting, wig cleaning and care, and style adjustments. All services are provided to patients at no charge. We have a small stock of new wigs in a variety of colors and styles, as well as other donated wigs that have been cleaned and re-styled.

We invite our patients to browse our always growing selection of caps, scarves, hats and pillows in the area outside of the Boutique. Dozens of volunteers sew and create these items specially for patients. The stock changes according to the season and all of these items are free to our patients.



Other Resources

We are not the only resource for wigs in the Amarillo area. American Cancer Society also provides wigs at no charge. Merle Norman at 2628 Wolfen Avenue, has a large selection of wigs for purchase and will offer wig-care advice and assistance (regardless of where patients receive or purchase their wig) at no charge to BSA Harrington Cancer Center patients. We do not stock or sell wig-care supplies, but they can be found at Sally Beauty Supply, Merle Norman, Wal-Mart and Walgreens among other stores.

The Lymphedema program at BSA Outpatient Therapy treats people who are experiencing abnormal swelling of a body part (including but not limited to face, neck, arm, leg, breast, abdomen) caused by damaged or an impaired lymphatic system. Lymphedema is a chronic health condition that is characterized by an abnormal accumulation of protein-rich lymphatic fluid in the tissue spaces of the affected extremity causing chronic inflammation and reactive fibrosis. Symptoms of Lymphedema include a gradual or sudden swelling of the affected area, feelings of heaviness or discomfort, restricted range of motion, recurrent infections and thickening or hardening of the skin.

The following conditions can be attributed to Lymphedema:

- Radiation Therapy
- Surgery
- Trauma
- Infection
- Obesity
- Venous Insufficiency

Our Klose-Norton trained, Certified Lymphedema Therapists use a non-invasive program known as Complete Decongestive Therapy (CDT) to treat Lymphedema. BSA currently employs two Certified Lymphedema Therapists who are part of a Multi-Disciplinary Clinic on Tuesdays at BSA Harrington Cancer Center. This team includes an Oncologist, Radiation Oncologist, Surgeon, Dietitian (if needed), Social work/Counseling, Clinical Trial information, Lymphedema and Nurse Navigator.

Patients are educated on Lymphedema precautions/preventions as well as exercises to begin day of surgery. Pre-surgical measurements are taken which gives us better insight and tracking information for those who do develop secondary Lymphedema. Over 40% of breast cancer survivors will develop Lymphedema at some point in their lifetime.



Shelly Black, OTR, CLT
Jill Patterson, OTR, CLT

CDT is comprised of the following treatment components:

Manual Lymphatic Drainage (MLD) – MLD is an advanced form of massage that stimulates the lymphatic system to remove congestion and stagnation from within the affected body part which is then returned to the venous system.

Compression Bandaging – After MLD, compression bandages are applied to the edematous area to further “re-route” and evacuate lymphatic fluid. This also assists with restoration or normal contours of the affected area.

Therapeutic Exercise – Medically supervised exercise programs are designed on an individual basis to increase range of motion, improve overall function of the lymphatic system and increase strength when appropriate.

Skin and Nail Care – Patient who have or are at risk of developing Lymphedema are at high risk for infection, especially cellulitis. Meticulous skin and nail care are a must for this population to keep infection risk low. Patients may be referred to the BSA Lymphedema Clinic for education of Lymphedema precautions and prevention due to the lifelong management required.

Compression Garment Fitting – Once the affected body part is decongested, patients are fitted with medical grade compression garments, such as an arm sleeve or thigh high. Compression garments are to be worn daily to maintain the reduction achieved through Complete Decongestive Therapy.

Self-Care Education – Our Lymphedema specialists will provide in-depth education on an individualized basis teaching patients how to maintain their results after Complete Decongestive Therapy which include self-bandaging, self-massage, exercise and skin and nail care.

The Lymphedema Clinic is located at BSA Outpatient Therapy located at 5111 Canyon Drive in Amarillo. Physician referrals are necessary and should be faxed to (806) 212-3636. Referrals can also be taken by phone at (806) 212-0741.

PRESERVING FERTILITY FOR CANCER PATIENTS



The ability to have children is often a concern for people starting cancer treatments. Many treatments can permanently affect fertility in both men and women. There are options available for those planning for a family in the future. The best time to talk with a cancer care team about fertility options is before a patient starts cancer treatments. A doctor can help find the right options.



Options for Preserving Female Fertility

- Embryo Cryopreservation - Freezing and storing embryos for use at a later time.
- Unfertilized Oocyte Cryopreservation - Freezing and storing eggs for use at a later time.
- Ovarian Tissue Cryopreservation - The outer layer of an ovary, which contains a large number of immature eggs, is taken out of the body and frozen for future use.
- Ovarian Transposition - One or both ovaries and fallopian tubes are separated from the uterus and attached to the wall of the abdomen away from where radiation is given.
- Ovarian Suppression - A hormone-releasing agent protects ovaries during chemotherapy treatments.
- Conservative Fertility Saving Surgery

Options for Preserving Male Fertility

- Sperm Cryopreservation - Freezing and storing sperm for use at a later time.
- Testicular Cryopreservation - Tissue that contains cells that make sperm is removed from the testicles through a small incision. It is then frozen and stored for use at a later time.

For Male and Female Fertility Preservation: Texas Tech Physicians Center for Fertility and Reproductive Surgery

808 Joliet, Suite 230
Lubbock, TX 79415
806-743-4256
texastechphysicians.com

For Male Fertility Preservation: Texas Tech Physicians

1400 S Coulter
Amarillo, TX 79106
806-414-9608
texastechphysicians.com/amarillo

PEDIATRIC ONCOLOGY

The nursing staff in the BSA Pediatrics department is committed to continued education to increase their knowledge and skill set for chemotherapy administration. All staff must complete APHON (Association of Pediatric Hematology/Oncology Nursing Education) within six months of their hire date and must meet required educational offerings every year. These educational requirements are:

- Yearly chemotherapy competencies
- Yearly safety competencies
- Minimal requirements for chemotherapy administration
- APHON testing every three years
- Numerous chemotherapy educational offerings throughout the year



Catrina Melton, RN, *Pediatric Nurse Navigator*

Currently, there are 22 APHON certified nurses working on the BSA Pediatric unit.

In 2017, BSA established a Pediatric Nurse Navigator Program and Catrina Melton, RN is the Pediatric Nurse Navigator. Catrina meets weekly with the Pediatric Hematology/Oncology physicians, along with a BSA Pharmacist in order to facilitate safe and thorough communication regarding all orders for pediatric patients that require hematology or oncology services.



PALLIATIVE CARE



Alana Elmquist, NP, BSA Palliative Care Program
Stephanie Alvarado, NP, BSA Palliative Care Program

The Palliative Care Program was established in 2015 with the goals to improve quality of life and strive for improved symptom management in patients with serious illnesses. Alana Elmquist, ACHPN, A/GNP-C began the program and hired Stephanie Alvarado, FNP in June of 2018 to help grow our program and help assist patients through their disease process.

A palliative consult is ordered by a physician. It includes an understanding of the patient, their goals of quality of life, help alleviate symptoms, assist in advanced directives and discharge planning that best aligns with the patient's wishes. They work to help patients and families understand the medical conditions and probable outcomes to help them make the best educated decisions for their continued care and quality of life. They work within the interdisciplinary team of nurses, case managers, spiritual care, physical and occupational therapy and physicians to coordinate care. They assist in end of life needs and help with a peaceful transition for those who need it.

Since the start of the Palliative Care Program, they have seen 1,746 patients and assisted in their care. They are available Monday through Friday and available by phone 24 hours a day, 7 days a week.



American Cancer Society (ACS)

The American Cancer Society's mission is to save lives, celebrate lives and lead the fight for a world without cancer. Every day, all day, they are there when people are in need. By phone, email, online chat, in English or in Spanish, however support is needed, they are committed to provide it.

Services & Programs Offered:

- **Road to Recovery** - free rides for patients to and from treatment.
- **Reach to Recovery** - a support network matching breast cancer survivors with recently diagnosed breast cancer patients.
- **Hotel Partnerships** - free or reduced-cost lodging during treatment.
- **Wig Program** - provides free wigs in local ACS offices and some cancer treatment facilities or patients can opt for a voucher to the Tender Loving Care (TLC) catalog for women undergoing treatment and experiencing hair loss as a result.
- **National Cancer Information Center & Cancer.org** - patient and caregiver support & resources with on-demand solutions and information about medical insurance, treatment, localized resources database, and much more.
- **Cancer.org**- offers access to the most recent and accurate cancer information and news. A few pages to note are cancer.org/survivors, cancer.org/videos, cancer.org/treatmentdecisions, cancer.org/languages.
- **Personal Health Managers** - an organizational portfolio, for newly diagnosed patients, containing tailored information relevant to their type of cancer that will empower patients to make educated health decisions and connect them to local resources and services. Additionally, the portfolio helps patients keep track of critical medical information provided by their healthcare team. In 2019 the PHM will be available electronically or in hard copy form.
- **Educational Materials** - each year ACS provides 12+ million materials to healthcare systems and community partners.
- **Research** - extra- and intra-mural research includes cancer prevention studies, highly cited reports on cancer occurrence, causes, prevention, early detection, treatment, and survival; studies behavioral, psychosocial, and environmental factors related to cancer; analyze the global economic and policy landscape impacting cancer; and supports numerous important discoveries and some of the brightest researchers, including 47 Noble Prize winners to date.

Community Events

- **Relay for Life** - Uniting communities across the globe, the American Cancer Society celebrates people who have battled cancer, remember loved ones lost, and take action for lifesaving change. Funds raised help provide free information and support for people facing the disease today, educate people about how to reduce their risk for cancer or detect it early when it's easiest to treat, and fund cancer research that will help protect future generations.
- **Cattle Barons Ball** - a one-of-a-kind evening, featuring great food, dancing, a spectacular auction, and much more. With your support, the American Cancer Society saves lives by helping people stay well and get well, by finding cures and by fighting back against cancer.

Patients Served

- As of the end of September 2018, 4,645 American Cancer Society services have been provided to cancer patients that reside in the High Plains of Texas and 44,347 services to cancer patients across the state of Texas.
- BSA Harrington Cancer Center has partnered with the American Cancer Society to provide 102 patients with 206 services as of September 30, 2018.





HARRINGTON CANCER and HEALTH FOUNDATION



Harrington Cancer and Health Foundation

Founded in 2013, the Harrington Cancer and Health Foundation is a community health foundation focusing on the areas of oncology and community health.

MISSION:

To reduce the burden of cancer and to promote and serve the healthcare needs of residents living in Amarillo and surrounding communities.

Services Provided:

- Free PSA Screenings- 320 screened, 21 identified to have PSA > 4
- Sunscreen Dispensers with free sunscreen to decrease skin cancer rates
 - Amarillo City Pools
 - Palo Duro Canyon State Park
- Hotel discounts for cancer patients
- Chemo Cars – Free, on-demand transportation program to and from non-surgical oncology appointments
- Patient Assistance
- Community Cancer Survivor's Day Celebration
- \$150,000 in mammography assistance
- Tobacco cessation classes with free quit aids
- Prostate cancer Nurse Navigator
- Social Worker
- 24 Hours in the Canyon Cancer Survivorship Center

24 Hours in the Canyon Survivorship Center

Established in June 2015, the Survivorship Center is a community center available for residents of the Texas Panhandle. The programs and services offered are free for any cancer survivor and their caregiver(s) regardless of where they received their treatment.

MISSION: To provide the necessary resources to meet and address the unique needs of cancer survivors.

Services Offered:

- Treatment Summary & Survivorship Care Plan by Oncology Certified Nurse
- Licensed Professional Counseling Services
- Expressive Art Classes
- Tai Chi
- Water Exercise
- Zumba
- Balance Class
- Yoga
- Walking Group
- Stationary Bike Class
- Educational Classes
- Meditation, Mindfulness, & Body Classes
- Nutrition Classes
- Wig Room
- Personal Training with Cancer Exercise Specialist
- Resource Library
- Oncology Certified Massage Therapist
- Infusion Room Massage
- Support Group
- Hiking Trips
- Fly Fishing Outings



HARRINGTON
CANCER and HEALTH
FOUNDATION

SURVIVORSHIP





BSA

2018 ANNUAL CANCER REPORT

BSA Health System
1600 Wallace Blvd.
Amarillo, Texas 79106
(806) 212-2000