



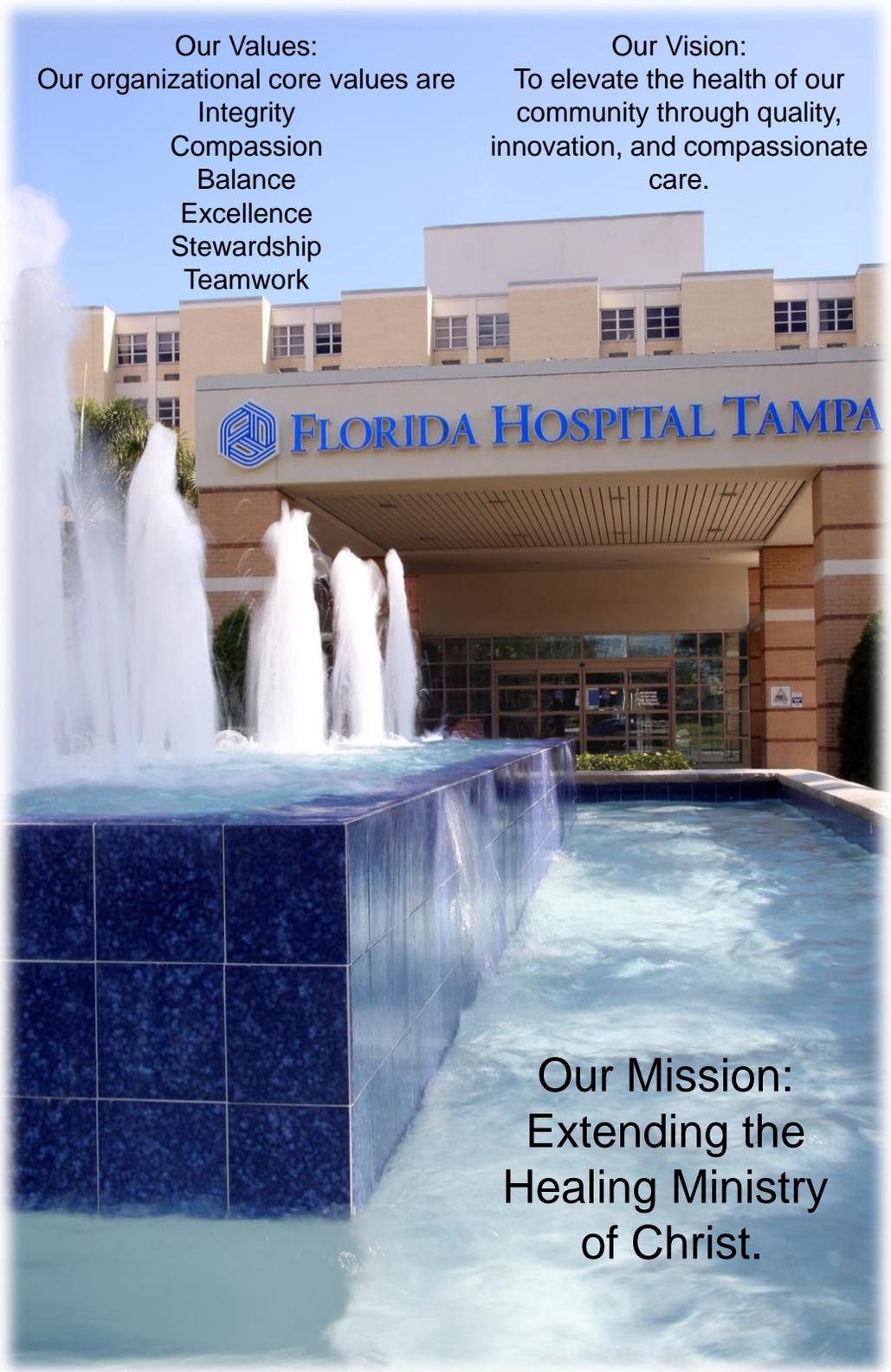
FLORIDA HOSPITAL
TAMPA

The skill to heal. The spirit to care.®



2012 Cancer Program Annual Report

With Statistical Data from 2011

The background of the slide is a photograph of the Florida Hospital Tampa building. In the foreground, there is a large, multi-tiered fountain with several jets of water spraying upwards. The fountain's structure is made of dark blue tiles. The building behind it is a multi-story, light-colored structure with a prominent entrance canopy. The text is overlaid on the upper portion of the image.

Our Values:
Our organizational core values are
Integrity
Compassion
Balance
Excellence
Stewardship
Teamwork

Our Vision:
To elevate the health of our
community through quality,
innovation, and compassionate
care.

Our Mission:
Extending the
Healing Ministry
of Christ.

Administrative Report

Since the hospital became part of the Florida Hospital Tampa Bay Division under the Adventist Health System, Oncology Services have grown considerably. Expanding services has been possible due to the mission, vision, and core values of the organization and its leaders. Dedicated medical staff, allied health, and support personnel are committed to multidisciplinary patient care. The Oncology Services team provides the latest in screening, diagnostic, treatment, education, and survivorship care.

In 2012, several additional services and programs were implemented:

- Gastroenterology Center and the Southeastern Center for Digestive Disorders and Pancreatic Cancer:** Opened under the leadership of world renown surgeons Alexander Rosemurgy, MD, and Sharona Ross, MD.
- SPY Imaging:** Enables breast reconstructive surgeons to capture images while in the operating room to evaluate the efficacy of blood flow quality in vessels and tissue. SPY decreases rates of post-operative tissue death and non-healing wounds, returns to surgery, and prolonged hospital stays.
- Pediatric Level II PALS Certified Nurse:** Pediatric oncology patients benefit from a dedicated pediatric registered nurse.
- Pediatric Exam Room:** Patients are seen in a beautifully remodeled and decorated exam room in 'Under the Sea' theme.
- Pediatric Radiation Oncology Research Protocols:** In collaboration with All Children's Hospital and the Children's Oncology Group (COG), six pediatric cancer patients successfully completed treatment as study participants on one of sixteen protocols activated in 2012.
- Breast Cancer Protocols:** As part of our affiliation with the University of South Florida, Radiation Oncology patients continued to receive state-of-the art care accrued to one of three active breast research protocols.
- Research Coordinator/Cancer Educator:** A fulltime Research Coordinator/Cancer Educator with 17 years in oncology healthcare joined the Oncology Services team.
- Medical Residents:** Welcomed the addition of Radiation Oncology Residents from the University of South Florida/Moffitt Cancer Center on the Pediatric Service.
- Hillsborough County Public Schools (HCPS) Alliance:** As part of its charitable mission to improve the health of its community, Florida Hospital Tampa collaborates with HCPS to provide education, support, and development to the whole child and the community at large.

Florida Hospital Tampa remains steadfast in our commitment to the patients and families of Hillsborough County. We look forward to further growth in 2013.

Sincerely,

Alan Schneider, MBA

Vice President Outpatient and Oncology Services

Cancer Committee Chairman's Report

The cancer program at Florida Hospital Tampa is fully accredited by the Commission on Cancer of the American College of Surgeons. It is dedicated to providing a wide range of services including screening programs, diagnostic testing and state of the art treatment methods for all types of cancer.

The Cancer Committee is a multidisciplinary team of physicians specializing in the diagnosis and/or treatment of cancer as well as administrative and support services involved in the care of cancer patients. It is our responsibility to monitor, assess and identify changes needed to maintain an exceptional cancer program.

In 2011, 1,284 new cancer cases were entered into the Florida Hospital Tampa Cancer Registry Database. The interdisciplinary Cancer Conferences and the weekly Breast Cancer Conferences continued to be well attended by pathologists, radiologists, surgeons, radiation oncologists, medical oncologists and other members of the medical staff. A total of 385 patients with various types of cancer were presented at the conferences in 2011. The Pathology and Radiology departments and the Cancer Data Office play a large part in the success of these conferences. Physicians are encouraged to submit cases for presentation by contacting the Cancer Data Office at (813)615-7361.

The Cancer Committee at Florida Hospital Tampa will continue its commitment to excellence in patient care and quality improvement activities. As the chair of this committee, I would like to thank the medical staff, administration, nursing and support staff and the Cancer Data Office for their dedication to our patients and the Cancer Program.

Ron D. Schiff, MD
Florida Hospital Tampa
Cancer Committee Chairman



Cancer Committee Members

Physicians

Ron Schiff, Medical Director, Chair
Brad Bjornstad, MD, Administration
Chad Farmer, MD, Palliative Care
Denis Johnson, MD, Surgeon
Egberto Zayas, MD, Medical Oncology
Ellis Norsoph, MD, Radiology
Harvey Greenberg, MD, Radiation Oncology
John Cox, MD, Surgeon, CoC Liaison
Kurt Stonesifer, MD, Pathology
Mark Jaffe, MD, Radiology

Administrative Members

Alan Schneider, VP OP Services
Ann Deluca, Clinical Manager Breast Care Center
April Tomberlin, Palliative Care
Bishop Bruce Wright, Clergy
Brian Schenker, Radiology
Gina Clark, Community Outreach Coordinator
Kathy Naret, Lab Director
Kyle Mobley, American Cancer Society
Leslie Cutrono, RN, Nurse Leader
Mary Ostien, Research Coord/Patient Educator
Rachel Shelton, Manager Radiation Therapy Dept
Robert Breakiron, American Cancer Society
Shelby Coriaty, Marketing
Theresa Winsey, Patient Navigator
Wayne A. Taylor, PharmD, Pharmacy
Wilma Sterbutzel, RN, Director Med Surg

Cancer Data Office Staff

Angela Swilley
Jimmie Lee Cummins, BS, CTR
Maria Delgado, CTR
Randy Slavens, CTR
Sandra Carlson, CTR

Oncology Services

Don Lau Family Center for Cancer Care:

The Don Lau Family Center for Cancer Care at Florida Hospital Tampa is an established Center of Excellence that has been nationally recognized for its medical staff, cutting-edge technology, and innovation in treatment. The Center provides patients with comprehensive oncology services for the diagnosis and treatment of adult and pediatric cancers. The Center, which is accredited by the American College of Surgeons Commission on Cancer, utilizes a multidisciplinary approach with highly trained specialists. The oncology team includes specialized physicians in the areas of pathology, diagnostics, surgery, medical oncology, and radiation oncology. Working together, board-certified radiation oncologists, oncology-certified nurses, social workers, dietitians, and pharmacists complete the team working to fight cancer one-on-one. The Center offers complete inpatient cancer care that includes chemotherapy, radiation therapy, and palliative care services.

The Center Offers:

Three-Dimensional Simulation and Treatment Planning: This imaging technology uses three-dimensional information to visualize and target the cancer -- as well as surrounding tissue and organs -- so that an optimal treatment plan can be designed.

Multi-Modality Image Fusion: Electronically incorporating data from different imaging methods such as CT, MRI, or PET, this technology provides more clinical information for treatment planning than any method alone.

External Beam Radiation Therapy: External beam radiation delivers high doses of radiation to specifically target the affected cancer site and minimize the dose to surrounding normal tissue.

Intensity Modulated Radiation Therapy (IMRT): With fewer side effects than standard radiation therapy, IMRT is a highly accurate radiation technology that spares normal tissue, allows for better radiation doses, and is able to treat tumors near critical organs.

Image-Guided Radiation Therapy (IGRT): The most advanced form of radiation therapy available, IGRT enables doctors to precisely locate and visualize the tumor before each dose is administered. The state-of-the-art Varian Trilogy delivery system enables doctors to choose the most appropriate treatment for treating cancer in the body, head, or neck, and deliver treatments all on one machine in a single room.

Intraoperative Radiation Therapy (IORT): Delivers a concentrated dose of radiation to the breast tumor site in a single session during lumpectomy surgery. IORT reduces the need for additional breast cancer radiation therapy, which is typically given over five to six weeks.

Oncology Services

High Dose Rate (HDR): HDR, or Brachytherapy, delivers higher dose radiation precisely at the site of the cancer; reducing the probability of unnecessary damage to surrounding healthy tissue. Multi-Lumen Mammosite and SAVI Brachytherapy devices provide this targeted therapy in the treatment of breast cancers; taking a patient's treatment down from six weeks to one week. Cylinder and Tandem and Ring Brachytherapy provides targeted therapy for the treatment of GYN cancers.

RapidArc: This technology improves radiation dose distributions in the body while significantly shortening treatment time.

Stereotactic Radiosurgery and Radiotherapy: This type of radiation therapy delivers high doses of radiation to precisely defined volumes in one to five treatments, instead of the many smaller doses given in standard radiation treatment.

Pediatric Radiation Oncology: Collaborating with All Children's Hospital, Moffitt Cancer Center, and the Florida Hospital Tampa Pediatric Care Center, this multidisciplinary program specializes in radiation oncology for children. Patients benefit from a dedicated pediatric level II nurse in their own exam room decorated in 'Under the Sea' theme. Patients have access to sixteen (16) active COG research protocols available.



Oncology Services

Gastroenterology Center (Under the Leadership of World Renowned Surgeons: Alexander Rosemurgy, MD and Sharona Ross, MD):

The Gastroenterology Center is a new 3,400-square-foot facility located in the Florida Hospital Tampa LifeHope Medical Office Building. The center offers treatment for the stomach, intestines, including colorectal cancer, irritable bowel syndrome, diverticulitis and gastroesophageal reflux disease, known as GERD.

The Gastroenterology Center at Florida Hospital Tampa offers:

- ❖ Use of cutting-edge endoscopic ultrasound (EUS) to target specific areas within sensitive organ tissue. (Florida Hospital Tampa is one of just two sites in West Central Florida with this new technology).
- ❖ Comprehensive diagnosis, treatment and education about colon cancer.
- ❖ Traditional colonoscopy procedures, usually 30 minutes and allows patients to resume work and activities the following day.
- ❖ Availability to quickly schedule a same-day appointment (two physicians at the Center).



Cancer Registry

The Cancer Registry at Florida Hospital Tampa is responsible for collection, management, analysis and reporting of information on patients with cancer and certain benign conditions. The Cancer Registry also takes an active role in maintaining oncology program accreditation by the American College of Surgeons' Commission on Cancer.

Since the reference date of 1987, over 27, 500 patients have been accessioned into the cancer registry database, with 1,281 cases being added in 2011. Cancer registry data is available to physicians and ancillary staff at Florida Hospital Tampa to assist in tracking cancer incidence, evaluate cancer management, identify areas for research and provide information needed to plan future use of resources. The Cancer Registry also does lifelong annual follow-up on each patient to continually monitor treatment outcomes and strives to maintain a 95% successful follow-up rate.

The Cancer Registry shares its data with the Florida Cancer Data System (FCDS) and the National Cancer Database (NCDB) which allows Florida Hospital Tampa's cancer registry data to be part of state and national statistics for incidence reporting and research.

The Cancer Registry also coordinates cancer conferences on a weekly basis. These conferences provide interdisciplinary, consultative services for cancer patients. The conferences focus on pretreatment evaluation, staging and treatment strategies for our patients. Currently, there are two site specific cancer conferences. The Breast Cancer Conference takes place every Tuesday morning and the GI Cancer Conference takes place the 1st and 3rd Thursday of every month. There is a General Cancer Conference that takes place the 2nd & 4th Monday of every month. Physicians can schedule cases to be presented by contacting the Cancer Conference Coordinator at (813)615-7361.

Special thanks to the members of the Cancer Committee, medical staff, and administration for their support.

Cancer Registry Staff



Florida Hospital Tampa

Primary Site Table

Primary Site	Total	Class		Sex		AJCC Staging						
		A	N/A	M	F	0	I	II	III	IV	Unk	N/A
Oral Cavity	34	31	3	24	10	0	6	8	6	5	9	0
Tongue	9	8	1	7	2	0	0	3	2	1	3	0
Oropharynx	7	6	1	5	2	0	0	0	3	2	2	0
Hypopharynx	2	2	0	2	0	0	0	0	0	2	0	0
Other	16	15	1	10	6	0	6	5	1	0	4	0
Digestive System	199	165	34	109	90	1	50	40	34	28	41	5
Esophagus	12	6	6	11	1	0	4	2	0	1	5	0
Stomach	8	6	2	6	2	0	0	0	3	3	2	0
Colon	104	88	16	55	49	1	22	26	20	14	20	1
Rectum	19	18	1	6	13	0	7	5	6	0	1	0
Anus/Anal Canal	2	2	0	0	2	0	0	0	1	0	1	0
Liver	22	20	2	15	7	0	10	3	3	4	2	0
Pancreas	26	20	6	13	13	0	7	4	1	5	8	1
Other	6	5	1	3	3	0	0	0	0	1	2	3
Respiratory System	265	230	35	147	118	1	66	13	39	86	59	1
Nasal/Sinus	3	3	0	3	0	0	1	0	0	1	0	1
Larynx	17	14	3	13	4	1	6	4	1	2	3	0
Lung/Bronchus	240	208	32	126	114	0	57	8	37	82	56	0
Other	5	5	0	5	0	0	2	1	1	1	0	0
Blood & Bone Marrow	59	52	7	33	26	0	0	0	0	0	0	59
Leukemia	33	29	4	18	15	0	0	0	0	0	0	33
Multiple Myeloma	10	7	3	5	5	0	0	0	0	0	0	10
Other	16	16	0	10	6	0	0	0	0	0	0	16
Bone	2	1	1	0	2	0	0	0	0	0	2	0
Connective/Soft Tissue	7	5	2	2	5	0	3	0	0	2	1	1
Skin	24	9	15	14	10	0	4	0	2	4	13	1
Melanoma	22	9	13	12	10	0	4	0	2	4	12	0
Other	2	0	2	2	0	0	0	0	0	0	1	1
Breast	416	368	48	8	408	84	167	90	27	9	39	0
Female Genital	50	39	11	0	50	0	22	5	2	6	13	2
Cervix Uteri	15	15	0	0	15	0	9	1	1	2	2	0
Corpus Uteri	14	11	3	0	14	0	8	2	0	0	2	2
Ovary	18	11	7	0	18	0	5	2	0	4	7	0
Vulva	2	2	0	0	2	0	0	0	1	0	1	0
Other	1	0	1	0	1	0	0	0	0	0	1	0

Florida Hospital Tampa Primary Site Table (con't)

Primary Site	Total	Class		Sex		AJCC Staging						
		A	N/A	M	F	0	I	II	III	IV	Unk	N/A
Male Genital	44	30	14	44	0	0	3	24	0	1	16	0
Prostate	42	28	14	42	0	0	1	24	0	1	16	0
Testis	2	2	0	2	0	0	2	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0	0
Urinary System	80	59	21	58	22	14	29	10	3	5	19	0
Bladder	48	37	11	37	11	14	13	9	2	0	10	0
Kidney/Renal Pelvis	32	22	10	21	11	0	16	1	1	5	9	0
Other	0	0	0	0	0	0	0	0	0	0	0	0
Brain & CNS	18	14	4	10	8	0	0	0	0	0	0	18
Brain	13	9	4	8	5	0	0	0	0	0	0	13
Other	5	5	0	2	3	0	0	0	0	0	0	5
Endocrine	31	26	5	9	22	0	14	3	2	1	11	0
Thyroid	31	26	5	9	22	0	14	3	2	1	11	0
Other	0	0	0	0	0	0	0	0	0	0	0	0
Lymphatic System	39	34	5	21	18	0	25	2	2	5	5	0
Hodgkin's Disease	4	3	1	3	1	0	3	0	0	0	1	0
Non-Hodgkin's	35	31	4	18	17	0	22	2	2	5	4	0
Unknown Primary	18	17	1	6	12	0	0	0	0	0	0	18
All Sites	1286	1080	206	485	801	100	389	195	117	152	228	105

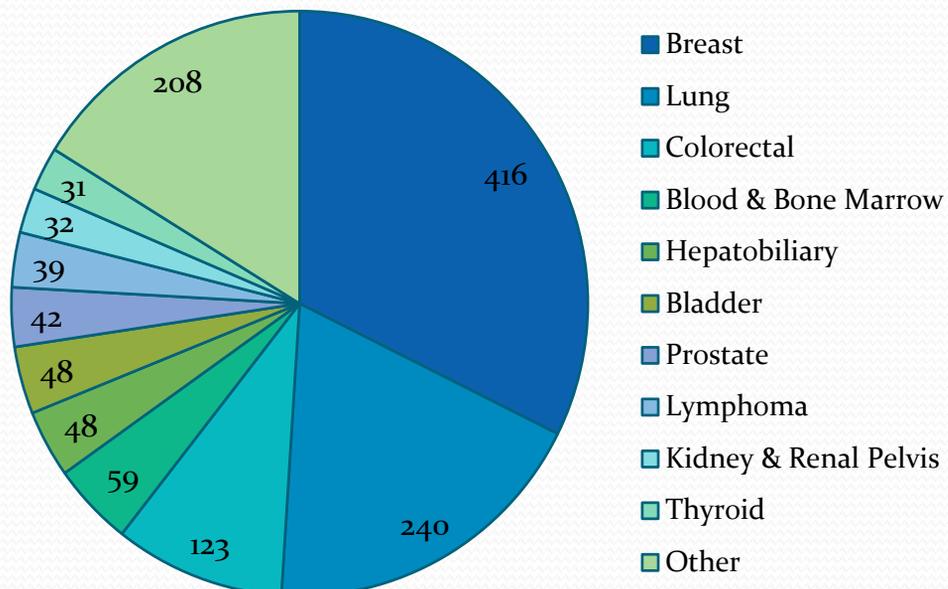
Class:

A = Analytic – A case that was either initially diagnosed and/or received all or part of the initial course of therapy at Florida Hospital Tampa.

N/A = Non-Analytic – A case that was diagnosed and received the entire initial course of therapy elsewhere, and presented to Florida Hospital Tampa with a recurrence or progression of disease.

Florida Hospital Tampa Top Ten Sites for 2011

Site	#
Breast	416
Lung	240
Colorectal	123
Blood & Bone Marrow	59
Hepatobiliary	48
Bladder	48
Prostate	42
Lymphoma	39
Kidney & Renal Pelvis	32
Thyroid	31



Florida Hospital Tampa Top Sites by Gender for 2011

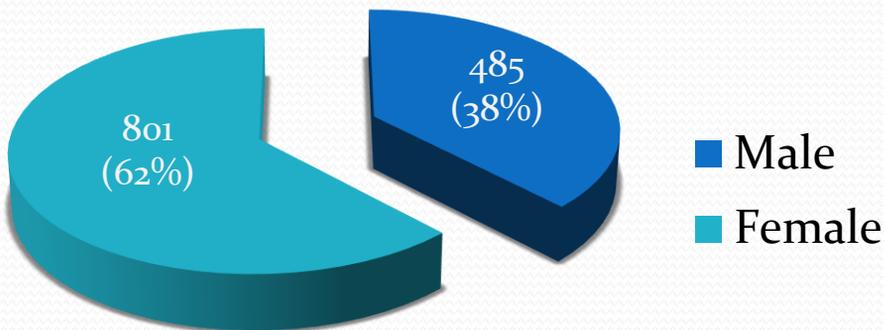
Male

Site	#
Lung	126
Colon	56
Prostate	42
Bladder	37
Blood & Bone Marrow	32
All Others	192

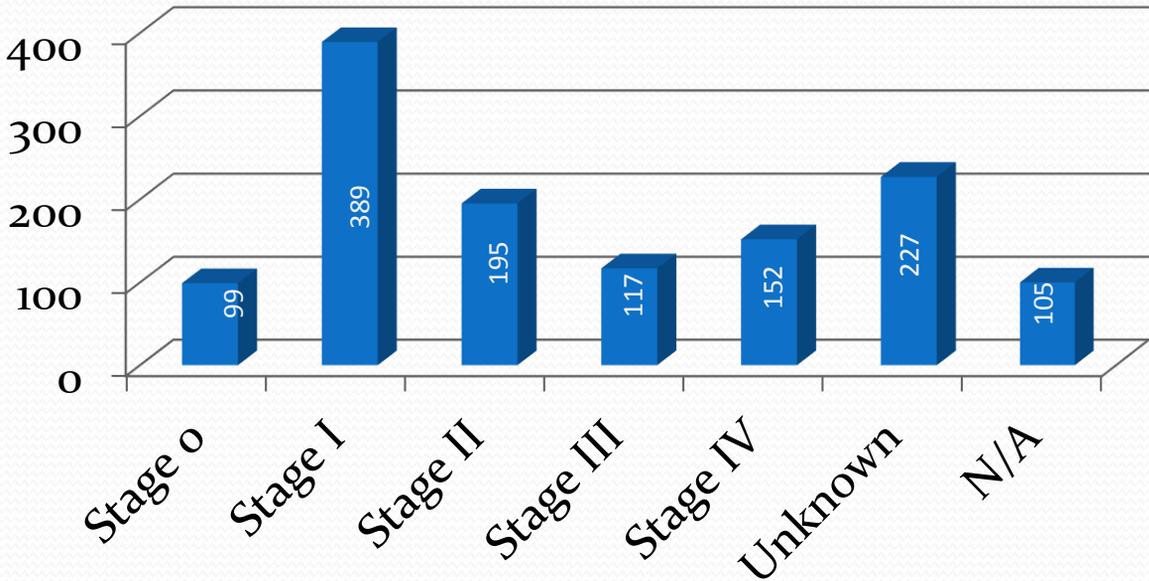
Female

Site	#
Breast	408
Lung	113
Colon	52
Blood & Bone Marrow	26
Thyroid	22
All Others	180

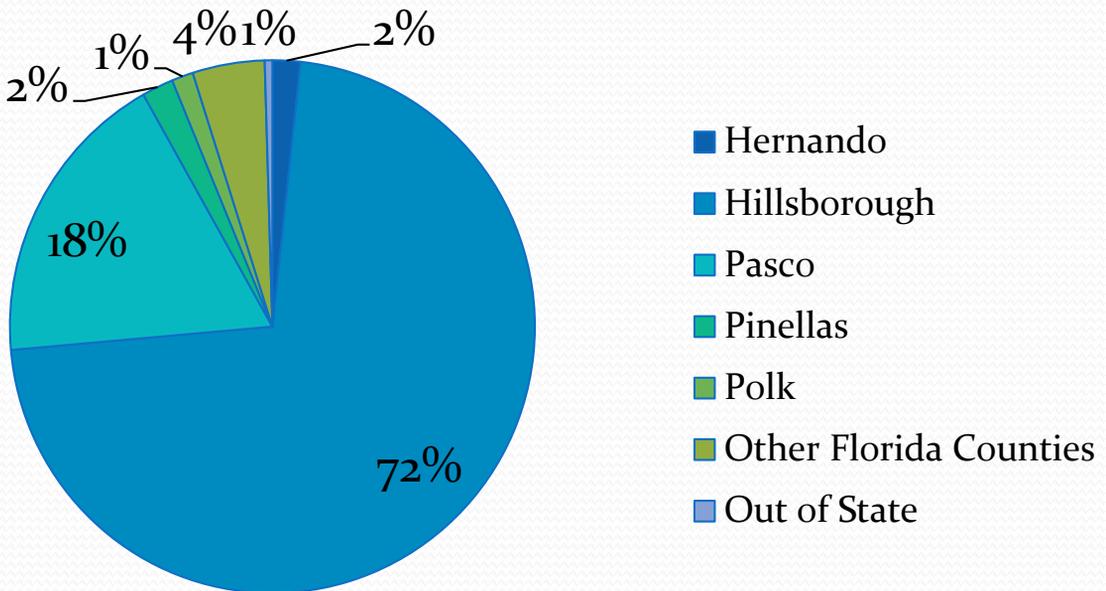
Florida Hospital Tampa Sex Distribution for 2011



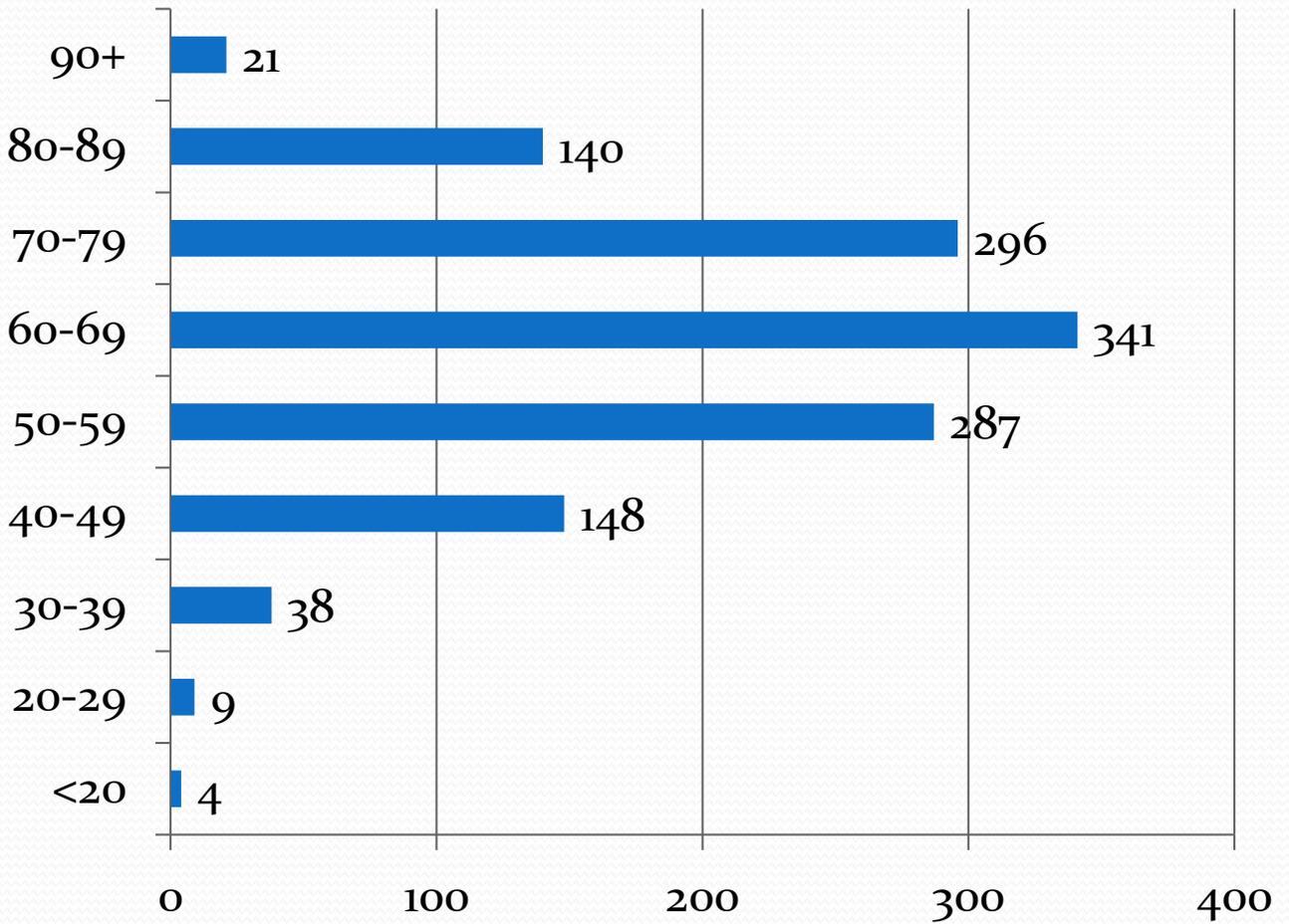
Florida Hospital Tampa AJCC Stage at Diagnosis for 2011



Florida Hospital Tampa County of Residence for 2011



Florida Hospital Tampa Age at Diagnosis for 2011

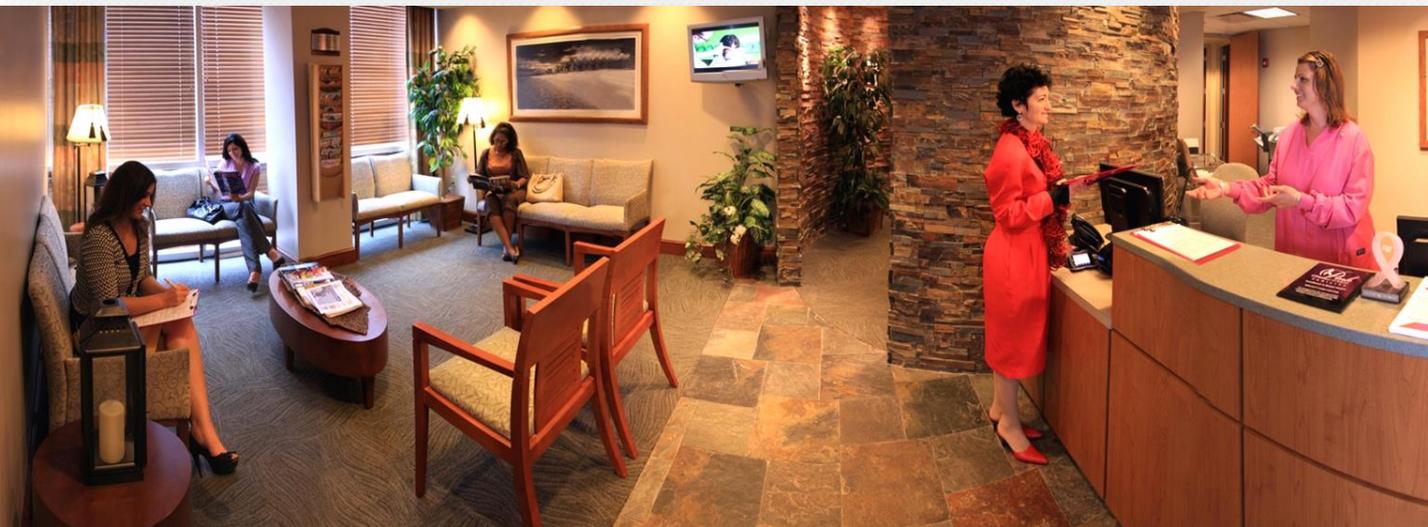


Breast Care Center

The Florida Hospital Breast Care Center is dedicated exclusively to breast care; providing the highest quality of imaging and advanced treatment options for breast care in a friendly, calming environment. This comprehensive program focuses on breast cancer prevention, detection, treatment, and recovery. The Center is an American College of Radiology (ACR) Accredited Center of Excellence. The ACR accreditation awards are specific to mammography, ultrasound, stereotactic biopsy, and MRI.

The Center provides digital mammography, computer aided detection, ultrasound, dedicated breast MRI, stereotactic core biopsy, ultrasound guided core biopsy, MR guided core biopsy, needle localizations, and DEXA testing. The Breast Care Center offers high risk assessments which include genetic testing for the BRCA₁ and BRCA₂ gene(s). BRCA is tested using a blood draw or buccal wash.

The Center also offers MammaPrint testing, part of the Symphony Suite of breast cancer products. MammaPrint is the first and only FDA-cleared IVDMIA breast cancer recurrence assay. Using a tissue sample taken at biopsy or time of definitive surgery, MammaPrint identifies patients with early risk -- patients who are likely to develop metastases within five years following surgery. In treatment planning, test results help physicians assess the benefits of chemotherapy. The unique 70-gene signature of MammaPrint provides physicians with the unprecedented ability to identify which early-stage breast cancer patients are at risk of distant recurrence following surgery. Treating physicians gain insight into the aggressiveness of the patient's tumor; allowing them to tailor treatment to the patient's individual needs.



Breast Care Center

Personalized patient care for those diagnosed with breast cancer is provided through a Patient Navigator, who serves as a patient advocate. Patients are 'navigated' through the health care system; the Patient Navigator helping manage the patient's treatment plan from diagnosis, through treatment, and recovery. The Center offers monthly breast cancer support groups, physician talks, and women's events. Transportation and housing at the American Cancer Society's Hope Lodge are available.

Breast cancer patients are discussed at a weekly Breast Tumor Conference. This multidisciplinary team of breast care specialists includes breast cancer surgeons, medical and radiation oncologists, breast imaging radiologists, reconstructive surgeons, pathologists, allied health, and other team members such as case managers. The team approach to patient care ensures the highest level of screening and treatment options.

In 2011, The Florida Hospital Breast Care Center evaluated 6,535 patients. The Center performed 3,313 screening mammograms, 3,299 diagnostic mammograms, and 2,289 ultrasounds. 1,047 diagnostic and other procedures were performed; 609 of which were breast biopsies. A total of 141 patients were treated with breast cancer in 2011, of those 125 were diagnosed through the Florida Hospital Tampa Breast Care Center.



Pediatric Oncology

Overview:

The Florida Hospital Tampa Department of Radiation Oncology has established a highly competent, multidisciplinary program in Pediatric Radiation Oncology. Successful collaboration with All Children's Hospital, Moffitt Cancer Center, Florida Hospital Tampa Pediatrics, Anesthesia, and Recovery to facilitate radiation oncology care has been achieved. Highly committed to excellence in patient care.

Pediatric Patient Care:

- ❖ Collaboration to support and facilitate radiation oncology treatments with proficient sedation administration.
- ❖ Option to admit inpatients for concurrent chemotherapy and complications of care.
- ❖ One of the only hospitals in the tri-state area to perform Radiation Oncology treatments for pediatric patients and pediatric patients requiring anesthesia.
- ❖ Dedicated to a seamless patient experience for all patients, their families, and caregivers.
- ❖ Ongoing collaboration with All Children's Hospital to enhance relationship and ultimately the patient experience.
- ❖ Collaborates with the Florida Hospital Tampa Pediatric In-Patient Unit, the Pediatric Nurse Practitioner, and the Anesthesia Department, developed a treatment program to support pediatric radiation oncology cases requiring anesthesia.
- ❖ State of the art monitoring system.
- ❖ Pediatric Level II Nurse (also serves as charge nurse on all pediatric anesthesia cases).
- ❖ Total of two (2) dedicated full-time Registered Nurses
- ❖ Both Registered Nurses PALS Certified.

Quality Assurance Review Center (QARC) Benchmarks:

- ❖ TBI
- ❖ IMRT
- ❖ 3D Conformal
- ❖ Fusion of MRINCT
- ❖ Cranial Spinal
- ❖ Irregular Fields

Total Body Irradiation (TBI) Program:

- ❖ Developed and implemented TBI Program for the pediatric patient population.
- ❖ Devised and implemented quality assurance techniques to perform Total Body Irradiation (TBI).
- ❖ Purchased additional cameras to better visualize patients.
- ❖ Purchased DVD player and station for children to view movies during treatment to enhance immobilization.



Pediatric Oncology



Pediatric In-Patient Care Center:

The Pediatric Care Center provides a child-friendly atmosphere with decor designed in partnership with Busch Gardens that promotes healing and helps put children at ease. The center is an all-private, 29-bed unit that has 24-hour accommodations for parents. From infancy through age 19, FHT provides primary and specialty care for medical and surgical patients. The full-time Child Life Specialist focuses on the emotional and developmental needs of the patients admitted to the center and their families. By using play and other forms of communication, the Child Life Specialist seeks to reduce the stress associated with the hospital experience and enables children and their families to cope in a positive manner.

Pediatric Intensive Care Unit (ICU):

The South Wing of the Pediatric Care Center is home to a five-bed Pediatric Intensive Care Unit (ICU), making us the only provider of sophisticated, critical care services for children in northern Hillsborough and eastern Pasco counties. The Pedi-ICU was designed to meet the unique needs of critically ill children. A team of pediatric intensive care physicians and nurses, plus other clinicians, provide for the total care of the patient and family.

Research – All Children’s Hospital (ACH) COG Protocols:

- ❖ Fulltime Cancer Educator and Research Coordinator Who:
- ❖ Collaborates daily with ACH Research Personnel to initiate protocols, processes for Florida Hospital Tampa IRB, coordinates appointments, submits patient planning and treatment data to QARC and ACH, oversees completion of patient forms, and tracks treatment schedules.

Healing Environment

- ❖ Dedicated pediatric exam room decorated in ‘Under the Sea’ theme.
- ❖ Faculty and staff dedicated to getting to know the patients and families well while providing kind, compassionate, and personalized care.
- ❖ Faculty and staff celebrate milestones with patients and families (treatment graduation, birthdays, etc.)

University of South Florida (USF) Radiation Oncology Residents

- ❖ Affiliation with USF to encompass Radiation Oncology Residents to fulfill their pediatric requirements.
- ❖ Cancer Educator and Research Coordinator oversees resident rotations to include privileges, patient data, and evaluations.

Patient Support

Provide free transportation within a four-county radius for patients/families with transportation or other life issues which could prevent the pediatric patient from receiving treatment.

Research Studies (Open to Enrollment): 2012

Breast Cancer Research:

MINT I: Multi-Institutional Neo-adjuvant Therapy, MammaPrint Project. Eligible patients are those with proven invasive breast carcinoma with no distant metastases, a clinical tumor classification of T2 (≥ 3.5 cm)-T4, and no more than 3 positive lymph nodes. Principal Investigator: Charles E. Cox, MD.

Z1072: A Phase II Trial Exploring the Success of Cryoablation Therapy in the Treatment of Invasive Breast Carcinoma. Eligible patients are those with unifocal primary invasive ductal breast carcinoma diagnosed by core needle biopsy and a tumor size of ≤ 2.0 cm in greatest diameter. Principal Investigator: Charles E. Cox, MD.

The Oncological Reliability of Axillary Reverse Mapping: A Pilot Study. Eligible patients are those with proven invasive breast carcinoma needing a complete axillary lymph node dissection secondary to a positive sentinel lymph node or clinical axillary disease. Principal Investigator: Charles E. Cox, MD.

A Safety and Efficacy Study of Intra-Operative Radiation Therapy (IORT) Using the Xofig[®] Axxent[®] eBx[™] System at the Time of Breast Conservation Surgery for Early Stage Breast Cancer. Eligible patients are females ≥ 40 years of age with biopsy proven invasive ductal carcinoma or ductal carcinoma in situ of the breast measuring ≤ 3.0 cm and no nodal involvement pre-operatively or intra-operatively. Principal Investigator: Harvey Greenberg, MD. Co-Principal Investigator: Charles E. Cox, MD.

The Breast Care Database. All patients seen at USF Breast Health are eligible for consent into this database. Principal Investigator: Charles E. Cox, MD.

Pediatric (Children's Oncology Group: COG):

AALL0434: Intensified Methotrexate, Nelarabine (Compound 506U78; IND # 52611) and Augmented BFM Therapy for Children and Young Adults with Newly Diagnosed T-cell Acute Lymphoblastic Leukemia (ALL) or T-cell Lymphoblastic Lymphoma.

ACNS0332: Risk-Based Treatment for Pediatric Non-Rhabdomyosarcoma Soft Tissue Sarcomas (NRSTS).

ACNS0333: Treatment of Atypical Teratoid/Rhabdoid Tumors (AT/RT) of the Central Nervous System with Surgery, Intensive Chemotherapy, and 3-D Conformal Radiation.

ACNS0334: A Phase III Randomized Trial for the Treatment of Newly Diagnosed Supratentorial PNET and High Risk Medulloblastoma in Children < 36 months Old with Intensive Induction Chemotherapy with Methotrexate Followed by Consolidation with Stem Cell Rescue vs. the Same Therapy Without Methotrexate.

Research Studies (Open to Enrollment): 2012

Pediatric (Children's Oncology Group: COG) Continued:

ACNS0822: A Randomized Phase II/III Study of Vorinostat (IND# 71976) and Local Irradiation OR Temozolomide and Local Irradiation OR Bevacizumab (IND# 7921) and Local Irradiation Followed by Maintenance Bevacizumab and Temozolomide in Children with Newly Diagnosed High-Grade Gliomas.

ACNS0831: Phase III Randomized Trial of Post-Radiation Chemotherapy in Patients with Newly Diagnosed Ependymoma Ages 1 to 21 years.

ACNS0927: A Phase 1/2 Study of Suberoylanilide Hydroxamic Acid (Saha, Vorinostat) and Local Irradiation, Followed by Maintenance SAHA in Children with Newly Diagnosed Diffuse Intrinsic Pontine Gliomas (DIPG).

ACNS1123: Phase 2 Trial of Response-Based Radiation Therapy for Patients with Localized Central Nervous System Germ Cell Tumors (CNS GCT).

AEWS0331: European Ewing Tumour Working Initiative of National Groups Ewing Tumour Studies 1999(EURO-E.W.I.N.G.99).

AEWS1031: A Phase III Randomized Trial of Adding Vincristine-topotecan-cyclophosphamide to Standard Chemotherapy in Initial Treatment of Non-metastatic Ewing Sarcoma.

AREN0321: Treatment of High Risk Renal Tumors.

AREN0532: Treatment for Very Low and Standard Risk Favorable Histology Wilms Tumor.

AREN0533: Treatment of Newly Diagnosed Higher Risk Favorable Histology Wilms Tumors.

AREN0534: Treatment for Patients with Bilateral, Multicentric, or Bilaterally-Predisposed Unilateral Wilms Tumor.

ARST0531: Randomized Study of Vincristine, Dactinomycin and Cyclophosphamide (VAC) versus VAC Alternating with Vincristine and Irinotecan (VI) for Patients with Intermediate-Risk Rhabdomyosarcoma (RMS).

ARST08P1: A Pilot Study to Evaluate Novel Agents (Temozolomide and Cixutumumab [IMC-A12, Anti-IGF-IR Monoclonal Antibody, IND #100947, NSC # 742460]) in Combination with Intensive Multi-Agent Interval Compressed Therapy for Patients with High-Risk Rhabdomyosarcoma.





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