2016 Annual Report to the Community

Oncology Service Line
Cancer Program Leadership

Physicians
Barry Berman, M.D.  Hematology/Oncology  Quality Improvement Coordinator

Evan Landau, M.D., Radiation Oncology  Breast Program Leader

Marshal Lieberfarb, M.D., Ph.D., Radiation Oncology  Committee Chair; Commission on Cancer, Cancer Liaison Physician (CLP)

Archana Maini, M.D.  Hematology/Oncology  Adult Clinical Research Coordinator

Hong Wang, M.D., Ph.D.  Pathology  Cancer Registry Data Quality Control Coordinator

Allied Health Professionals
Myra Guenette, MSW,  Certified Patient Navigator  Psychosocial Services Coordinator

Elizabeth Maus, MS, Social Work  Community Outreach Coordinator

Heather Miller, MSN, CPON, FACHE  Director Product Line Services  Cancer Program Administration

Cheryl Taft, CTR, Certified Tumor Registrar  Cancer Data Coordinator, Cancer Conference Coordinator

Additional Physicians
Galal El-Gazzaz, M.D.  Transplant, General Surgery
Mehmet Hepgur, M.D.  Hematology / Oncology
Tricia Kalwar, M.D., MPH  Hematology / Oncology
Neil Miransky, D.O.  Palliative Care
Richard Spira, M.D.  Diagnostic Radiology
Pamela Sutton, M.D.  Palliative Care

Allied Health Professionals
Reverend L. Ansel Aiken  Pastoral Care, Palliative Care Chaplain
Brent Anderson, RPh  Pharmacy
Debra Ayer, RN, MSN, MBA, CCRP  Clinical Research Manager
Patricia Baker-Treasure, RN, MSN, OCN, CMSRN  Nurse Manager 4NT, Adult Hematology / Oncology Inpatient Unit
Randy Beckman OTR/CHT  Physical Rehabilitation, Inpatient / Outpatient
Michael Cutner, MBA, BSN, RN, LHRM  Quality Management / Performance Improvement
Pia Delvaille, ARNP  Nurse Practitioner, Manager, Lillian S. Wells Women’s Health Center
Laura Holden, RD, LD/N  Registered Dietitian, Nutrition Services
Adele Holman, RN, OCN  Outpatient Infusion Center Coordinator
Quality Improvement and innovation continue to be key priorities for the oncology service line. In 2016 our program was awarded The QOPI Certified Practice Designation through the Quality Oncology Practice Initiative of the American Society of Clinical Oncology. Our quality cancer subcommittee continued to identify opportunity areas for patient care improvements and facilitated change through the multi-disciplinary team. Our 3 tesla magnet MRI was opened at our Broward Health Imaging Center which allows for the latest technology for prostate imaging.

Broward Health continues to focus on its innovation within its research programs. A Corporate Director of Research was added at the system level to help facilitate our strategic research priorities. In late 2016 we developed a partnership with the University of Florida to ensure clinical trials are available for our patients here in the community. Our research teams have continued to work on the implementation of our clinical trials software which will better help them capture data and ensure appropriate tracking.

As part of our mission to serve the community several screenings and outreach programs were offered throughout the year. Physician members from our team are continuously out facilitating educational lectures throughout the community to promote awareness around early detection and screening. Through partnerships with faith based organizations we were better able to reach individuals in their communities, and conducted screenings for colorectal cancer and breast cancer. The Florida Breast Cancer Foundation awarded us our P.O.E.T.S grant which helped support education to women through their churches in specific zip code areas that have demonstrated advanced stage at diagnosis. Additionally through an American Cancer Society Grant we were able to conduct a community outreach educational program and screening at one of our local churches. The priority focus for screenings based on our community need continued to be centered on Breast Cancer, Lung Cancer, and Colorectal Cancer. More than 500 patients were reached through the outreach and screening activities.

Broward Health continued to partner with Gilda’s Club South Florida through the Ask the Expert series as well as at the “Annual Day of Research & Hope.” This conference was attended by more than 200 community members and provided education on advances in cancer treatments. Our Advanced Practice Nurse in our Women’s Center, Pia Delvaille, ARNP, completed her training through City of Hope’s genetic testing program. This will allow BHMC to continue to enhance its risk assessment and genetic testing program. Our Noreen Burpee Adult Infusion Center was awarded the silver award by Industrial Designers Society of American.

We look forward to the year ahead as we continue to cultivate award winning and patient centered services.

Heather Miller, MSN, CPON, FACHE
Director Product Line Services
The Noreen Salah Burpee Infusion Center began 2016 assisting in a successful ASCO Quality Oncology Practice Initiative Certification. The infusion Center continues to provide quality care with all registered nurses certified through the Oncology Nursing Society’s program which is continually updated every two years through a testing certification, and a practical certification. The Nursing staff work very closely with our physicians to achieve the best outcomes for our patients, while meeting quality and safety measures for oncology practice.

In 2016, our oncologists provided ongoing clinical education lectures for Broward Health staff. To enhance their practice, specific lecture topics were chosen by the oncology nurses based on the results of a nursing education needs assessment.

We continue our patient-centered care by providing many supportive services for our patients. Social Workers, Patient Navigators, a financial counselor, an oncology dietician, Palliative Care team members, music therapy and art therapy are available to assist with our patient’s needs and to enhance their well-being. All of these services can be provided in the center during treatment or in a private room setting.

At the completion of treatment, we document a treatment summary and provide a life-long care plan so that patients may continue to manage their health after their initial treatment here is completed.

During treatment patients and families have access to our healing garden. The garden wall was enhanced with a colorful theme of blue sky, white clouds, and a Florida natural garden, to uplift the mood for patients, families, and staff in the department. The patient advocacy committee, Patient Family Advisory Council consisting of current and former patients, families, community members, and community partners including Gilda’s Club and the American Cancer society, conducts meetings in the garden. Suggestions are made by this committee, from the patient’s perspective, to the Health Care Team thereby we all work together to make the experience better for all the patients, caregivers, and team.

Our customer service surveys have demonstrated the positive patient experience we continuously strive to achieve. Compassion is imperative, along with quality care, for all of our staff.

As 2016 comes to a close, the opportunity for expansion from our growth will create some positive changes. We continue to welcome new projects and receive new ideas that offer growth and excellence, with emphasis on patient satisfaction and quality.

Adele Holman RN, OCN
Infusion Center Coordinator
In Inpatient Oncology

In keeping dedicated to patient and family centered care we have hardwired hourly rounding and bedside shift report as an expectation for all staff. The Nurse Manager conducts daily rounding on 100% of patients throughout the shift. The feedback gathered from these rounds ensures a proactive approach to the delivery of quality and compassionate care.

Giving back to the community is a priority for the unit staff and as a result about 20 staff members and their families participated in the American Cancer Society’s Making Strides Against Breast Cancer event, raising approximately $2,700.00. This event raises critical funds that enable the ACS to fund research, provide free information and support to those touched by breast cancer, and help to individuals reduce their risk and seek opportunities for early detection.

Our staff participated in presenting a Grand Round lecture related to the Grieving Patient and family in October 2016 which was well attended and well received.

We continue to perform well with our online Chemotherapy/Biotherapy course. In November 2016 we achieved a 100% success rate on the required exam. All RN’s who administer chemotherapy to our patients are required to complete this course and its follow up competency, renew their ONS Chemotherapy / Biotherapy card every 2 years, and complete competencies annually. We are currently working with a number of nurses to increase the number of nationally oncology certified nurse’s currently on our team.

Patricia B. Treasure, RN, MSN, OCN, CMSRN
Nurse Manager- Inpatient Oncology 4NT
The Lillian S. Wells Women’s Health Center offers comprehensive breast services in a spa-like environment. The center is a Breast Imaging Center of Excellence (BICOE). We offer state-of-the-art Breast Tomosynthesis utilizing low-dose x-rays to detect cancer early, Contrast-Enhanced Spectral Mammography utilizing iodinated contrast injection to confirm screening findings and localize lesions, and SensorySuite where a woman can control her mammogram experience that includes a wall monitor to display her selected Seaside, Garden or Waterfall images, the projection of relaxing sounds, and air infused with calming room fragrance. Services also include Bone Density, 3D Digital mammography, Breast ultrasound, Breast MRI, Clinical breast exams, and breast biopsies utilizing stereotactic, ultrasound, and MRI guidance.

In addition to the diagnostic testing services available, our time share Physicians offer Gynecology, Gastroenterology, and Orthopedic office hours here in the center. This allows the busy woman to take care of multiple healthcare needs at one time within our center.

The center saw over 14,500 patients for various services in fiscal year 2016. In 2016 the Center implemented a genetic risk screening program for all women visiting the center. The goal of this program is to identify patients who are at high risk for hereditary cancers and offer them genetic counseling, testing when appropriate, and referral to our High Risk Breast Clinic when needed.

As part of our endeavor to strengthen and empower women with the knowledge they need to care for themselves, we continue to reach out to our community with educational and support programs.

We were awarded $75,000.00 by the Susan G. Komen Foundation in April 2016. This allows us to continue offering screening mammograms and diagnostic services to uninsured women from our community, 40 to 50 years of age, through our “Every Woman Matters” program. We have maintained a strong partnership with the Florida Department of Health in Broward County to offer services for breast care for women over 50 years of age by utilizing the funds from the Florida Breast and Cervical Cancer Early Detection Program. Susan G. Komen Foundation also awarded our center an additional $25,000.00 to support the hiring of a breast nurse navigator.

We are humbled and honored by the generosity of our donor Glam-a-thon. Our donors work tirelessly to raise funds for the Lillian S. Wells Women Health Center with one goal in mind – assisting other women to receive the help they need for screening and diagnostic mammograms, biopsies, surgical treatments, rental assistance and much more while going through breast cancer treatment. This year Glam-a-thon raised $85,000.00 for this good cause. We thank them for their hard work, passion and continued dedicated support of our Center and to the women of Broward County.

Pia Delvaille, ARNP
Manager /Nurse Practitioner
Lillian S. Wells Women’s Health Center
Cancer Research

Evidence-based research holds the key to adding new knowledge to help drive advances in the development of new medications and devices, offering new treatment options to fight cancer and improve lives. Broward Health Medical Center oncologists offer innovative cutting-edge clinical research trials through the National Cancer Institute (NCI) and pharmaceutical research industry. This enables our patients to have access to the latest therapies under development. We integrate this knowledge at the bedside with a focus on patient-centered outcomes, as well as communicating these results to the community. Participation in clinical trials enables our oncologists to offer patients multiple treatment options that might not otherwise be available. Using a systematic patient-centered cancer care approach, our patient driven quality goals are guided by balancing scientific research and our commitment to high clinical standards.

Broward Health implemented several new initiatives in 2016 to improve and support a robust clinical research program. We developed and initiated a new system-wide Human Research Protections program that oversees all research at Broward Health by adding to our team Dawn S. Prospect, MHSA, CHRC, CIP as Director Human Research Protections and Noella A. Dietz, PhD as Corporate Director of Research. Additionally, we developed an electronic research charting process to enable clinical staff to quickly identify patients enrolled in clinical research trials. Beginning in 2017, Broward Health will implement an electronic system-wide clinical trials management system. Another new initiative planned for 2017 is to initiate an electronic Institutional Review Board (IRB) platform that will help to facilitate a more efficient process for the Office of Human Research Protections to approve and oversee all Broward Health clinical trials.

Beginning in 2016, Broward Health Medical Center and Broward Health North are now participating in a new agreement with the University of Florida as a NRG affiliation member to obtain access to NCI clinical trials for our patient populations. NRG Oncology, as a member of the NCI National Clinical Trials Network (NCTN), consists of the National Surgical Adjuvant Breast and Bowel Project (NSABP), Radiation Therapy Oncology Group (RTOG), and Gynecologic Oncology Group (GOG).

The adult cancer research program at Broward Health Medical Center (BHMC) offers clinical research trials that target cancers such as breast, colon, head & neck, and lung cancers, as well as leukemia and lymphoma, quality of life studies and registries.

Our collaborative adult cancer investigator team is comprised of Hematologists / Oncologists including Dr. Archana Maini, the Medical Director of the Adult Cancer Research Program and member of the Broward Health IRB, along with sub-investigators Hematologists / Oncologists Barry Berman, M.D., Mehmet Hepgur, M.D, and Tricia Kalwar, M.D, MPH. Through our affiliation with 21st Century Oncology for radiation services, Marshal Lieberfarb, PhD, M.D., is the senior investigator for the Radiation Therapy Oncology Group (RTOG) along with Radiation Oncologists Dr. Janet Sperry and Dr. Evan Landau.
Our Pediatric Hematology / Oncology Research Program of Broward Health’s Salah Foundation Children’s Hospital is a main member of the Children’s Oncology Group (COG), which is an international cancer research group for children with cancer supported by the NCI. Our program has over 30 research trials to offer our patients that include biology, classification, cancer control, quality of life, and long-term late effects. This year we opened COG’s Project Every Child (APEC14B1), an initiative to offer every type of childhood cancer an opportunity for research. Our pediatric physician team is comprised of Dr. Hector Rodriguez-Cortes as the Principal Investigator for these studies, along with sub-investigators Dr. Alejandro Cambara, Dr. Angelica Garzon and Dr. Catalina Ruiz Mesa.

Our nurses are members of various specialty organizations and hold certifications by nationally recognized groups; such as the Oncology Nursing Society (ONS), certified as an Oncology Certified Nurse (OCN); Association of Clinical Research Professionals (ACRP); and the Society of Clinical Research Associates (SoCRA). The manager, Debra Ayer, RN, MSN, MBA, CCRP is a member of both ACRP and SoCRA and certified by SoCRA. For the year 2016, the cancer research team consisted of Donna Stefinsky RN, CCRC, Ryan Suer Vo RN, OCN, BS, MBA, and our clinical research associate, Linda Borus BS, who assists the investigators in managing the regulatory requirements of clinical trials. Our pediatric hematology / oncology research nurses are Claudia Diaz Pow Sang BSN, RN, CCRP and Arlene McMillan BSN, RN, MS, OCN, CCRP who both belong to APHON (Association of Pediatric Hematology Oncology Nurses).

The role of the research nurse is to assist the investigators who conduct the clinical trials through screening, consenting, enrolling, and follow-up visits for the study specific enrolled patients. Many other integrated BHMC teams support the research process; these include our dedicated pharmacists, the cancer registry, the laboratory, radiology, Adult and Pediatric outpatient infusion centers, radiation therapy, Inpatient adult and pediatric oncology units, ICU, surgery, social services, associated physicians, medical records, registration, and the Broward Health IRB.

For more information on our Adult Cancer Research Program, please call 954-355-5346 or 954-712-7961.

Debbie Ayer MSN/MBA, CCRP
Nurse Manager Research
The Radiation Therapy Department at BHMC continues to work hard to provide excellent care to our patients.

Improving the quality of radiation treatments, while minimizing toxicity, continues at BHMC through the implementation of Deep Inspiration Breath-Hold Technology. This technology has dramatically reduced the radiation dose to the heart for women with left-sided breast cancers. We have also begun using Breath-Hold Technology for other sites, such as Lung Cancer, and 4D CT scan.

Our physicians continue to provide community outreach through educational seminars.

Our physicians also participated in clinical staff education through the Oncology Nurse Lecture Series.

We continue to work on programs to improve the patient experience by providing more education to our patients, and the best customer service possible.

Elaine Sandak
Regional Administrator
21st Century Oncology
Palliative Care

The Palliative team at Broward Health Medical Center focuses on relieving pain, symptoms and stress of a serious illness. Our goal is to improve the quality of life for our patients and their caregivers. From the time of diagnosis throughout the continuum of care, Palliative Care is provided alongside curative treatment, or treatment aimed at improving quality of life. An interdisciplinary team of physicians, a nurse, a social worker and a chaplain provide a compassionate system of support for patients and their families. The team works together, with your medical team, to provide optimal symptom relief, emotional and spiritual support, and assistance to patients and families in making treatment decisions that respect the patient’s wishes.

- In 2016 the palliative team implemented a successful pilot program for patients and families in the ICU, focused on identifying goals of care and providing support.
- The IT department worked closely with the team on a method in the clinical documentation system to identify previous palliative patients upon any admission to the hospital. This initiative has enhanced care as we are able to offer support earlier during an admission.
- Family meetings are convened to evaluate goals of care. The Palliative team also collaborates with interdisciplinary teams throughout the hospital by participating in patient conferences.
- We participated in a bioethics conference presented to hospital personnel, and the team is involved on an ongoing basis in bioethics consultations.
- During 2016 the team hosted four lectures for medical students, residents, nurses and social service personnel. Topics included Mindfulness and Meditation Through Music Therapy, Psychotherapeutic Therapy in Palliative Care, Loss, Grief and Bereavement and End of Life care for the pediatric population.
- End of Life Nursing Education Consortium is a national educational initiative to improve palliative care. Three ELNEC programs were conducted for staff by our palliative team CHPN certified ELNEC trainer nurses. Programs were held at Broward Health Medical Center and at Broward Health Imperial Point.
- Our Palliative Chaplain leads a popular weekly spiritual service in our Hospital Chapel. This activity continues to be an important fellowship for staff, patients and visitors.
- In collaboration with the Broward Health Medical Center Auxiliary, the team hosted family dinners every two weeks. The free dinners were offered to family members of patients who were admitted to any of the critical care units of the medical center.
- National Healthcare Decisions Day was commemorated in April. The team and volunteers helped educate staff and visitors on the importance of Advance Care Planning.
- The 15th Annual Barbara Ziegler Palliative Care Symposium “Beyond the Basics of Pediatric Palliative Services” was held on Friday, November 4th. This informative half day seminar was well received by staff and community medical personnel.
- The team initiated a bimonthly follow up call campaign to support our discharged palliative patients.
Patient Navigation and Social Services

Our LIVESTRONG Cancer Transitions Program continued this year with two four-week sessions, one in May and one in October. This program is designed to support, educate and empower people with cancer in the transitional period after treatment is over. The program incorporates support groups, lectures, yoga and nutritional presentations. A total of twenty survivors participated in the classes.

Our LIVESTRONG Artist in Residence Community Impact Project Award was once again sustained this year. We are pleased to announce that we were able to secure funding through a very generous donor for the continuation of the program through 2016. Broward Health Medical Center was selected and received training and funding to replicate The Creative Center’s Hospital Artist In Residence Program. The program sustained an artist for 48 weeks to help patients, their families and caregivers, as well as hospital staff, discover their own creative resources as an outlet to the fear, and isolation that often accompany a diagnosis of cancer. This program has been a great success with well-received feedback from our patients who have participated. We added an additional volunteer in order to reach out to even more of our patients. We hope to find another generous donor for the sustainability of the program.

The Jeffrey Wacks Music Therapy Program continued with the help of our board certified music therapist and a generous donation from the Broward Foundation. Broward Health Medical Center was first awarded the Jeffrey Wacks Music Therapy Program Community Impact Award in October of 2014. The music program provides opportunities to reduce stress and pain levels associated with illness, and promotes healing and overall wellbeing. Through music, the therapist was able to provide comfort and support for cancer patients and their caregivers. We look forward to the continuation of this exciting program.

Tai Chi continues to be offered to our patients on Tuesday’s at 11am in the Wellness Center here at Broward Health Medical Center. We would like to take this opportunity to thank The Wellness Center who has been very collaborative with working out schedules to accommodate our request for more complementary services for our cancer patients.

We continued our strong alliances with the American Cancer Society as well as Gilda’s Club. The ACS Look Good Feel Better Program is strong and thriving with classes every second Tuesday of the month at 10:30 am here in the Cancer Center.

Staff from the Cancer Center participated in the Moonshot presentation at Gilda’s Club on June 29th 2016. The Cancer Moonshot was established to accelerate cancer research. “The initiative led by Vice President Joe Biden aims to make more therapies available to more patients, while also improving our ability to prevent cancer and detect it at an early stage.”

The 8th Annual Survivor Day Luncheon was held on June 8th, 2016 with over 75 patients and staff in attendance. Our patients were able to celebrate life and share their courageous stories. Our artist in residence and artist volunteer facilitated a class on creating a giving tree.

We continue our partnership with the Psychology Department to offer our patients’ supportive counseling. Referrals are made through the Social Services Team. The NCCN Distress Screening Tool continues to be utilized by Social Services to monitor distress in patients.
In Keeping with Patient & Family Centered Care, three of our Patient Advocates continue to volunteer, acting as mentors to our patients. Our mentors also continue to act as patient liaisons. Our Patient Family Advisory Council celebrated its third year anniversary on November 12th, 2016. The purpose of the Advisory Council is to capture the unique perspective of current and former patients and their families on cancer center processes and initiatives to ensure a patient-centered focus and positively impact the patient experience.

The Social Service Team continues to network with all areas of the hospital to ensure our patient’s needs are being met. Weekly Rounding on the adult inpatient oncology unit, 4North Tower, along with a presentation of an educational DVD entitled “What to Expect the First Day of Chemo” to newly diagnosed patients has helped with transitioning from inpatient to outpatient status. We continue to work closely with 21st Century Radiation Oncology through weekly multidisciplinary huddles. To ensure our patients are being navigated properly into our hematology oncology department we provide patient navigation in the surgical clinic every Tuesday with the help of the lead surgeon and his residents. Collaborating with our patients and providers as a team enables us as a health system to work towards positive outcomes for our patients diagnosed with cancer.

The Patient Navigation and Social Services Department hosted our third annual Holiday Party in conjunction with Starbucks, December 16, 2016. Patients and family members gathered for a celebration in the spirit of the Holidays. Coffee, hot chocolate and holiday treats were enjoyed by all. We partnered with The Art Institute who held cookie decorating demonstrations for the patients. Starbucks graciously donated coffee, hot chocolate and treats for the party. Guests were visited by “Nurse Lilly”, one of BHMC’s therapy dogs and her owner Nancy Mizels. Each patient was able to leave the party with a tray of personalized cookies which they decorated with the help of the Art Institute Bakers.

We continue to fulfill our mission of BHMC’s Five Star Values! We look forward to another year of:
• providing exceptional service to our community
• working towards positive outcomes
• collaborating with our patients and providers as a “team”
• utilizing our state of the art infusion center in keeping with an innovating environment

Sincerely,

Elizabeth Maus, MS

Myra Guenette, MSW
**Community Outreach, Education, Prevention, and Early Detection**

At Broward Health Medical Center we strive to be an integral part of our community by attending, and offering either directly, or in cooperation with our Community Partners, events year round to educate individuals about healthcare. Below is a list of events offered throughout 2016.

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
<th>Number in attendance / Number Served</th>
<th>Speaker / Facilitator</th>
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<tbody>
<tr>
<td>March 30</td>
<td>In Partnership with the American Cancer Society through a Colorectal Cancer Partnership Award, BHMC Community colorectal cancer awareness and prevention ACS education lecture <em>Colorectal Cancer: Preventable, Beatable, Treatable,</em> and Fecal Occult Blood Test (FOBT) colon cancer screening. Regional Director of Laboratory at BHMC provided education and instruction to attendees on proper process for collecting FOBT New Hope Seventh Day Adventist Church, Fort Lauderdale.</td>
<td>19 Attendees 30 FOBT Kits distributed</td>
<td>Mehmet Hepgur, MD</td>
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<td>April 16</td>
<td>National Health Decisions Day to help people understand the value of advance healthcare planning. The BHMC Palliative Care Team provided free assistance with understanding and completing living wills, in the main lobby of the hospital, from 9-11 am.</td>
<td>60 BHMC Palliative Care Team</td>
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<td>May 7</td>
<td>Gilda’s Club of South Florida, 14th Annual Gilda’s Day of Research &amp; Hope. Broward Health event sponsor. Knight Auditorium, Carl DeSantis Building, Nova Southeastern University, 8am – 12 pm. BHMC Medical Oncology Physician Practice Dr. Hepgur presented a clinical and community education lecture “Harnessing the Power of the Immune System (Immunotherapy in Cancer)”. BHMC Patient Navigation and Social Work distributed community education materials.</td>
<td>87 Mehmet Hepgur, MD</td>
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<td>May 14</td>
<td>BHMC Lillian S. Wells Women’s Center, in Partnership with Florida Department of Health, offered free clinical breast exams for uninsured and underinsured. 8 am – 2 pm.</td>
<td>27 Pia Delvaille, ARNP</td>
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<td>Ongoing</td>
<td>We have ongoing Cancer Awareness lectures at John Knox Village Continuing Care Retirement Community, and Century Village 55+ Active Adult Community to speak about prostate, breast, and lung screenings.</td>
<td>Varies Marshal Lieberfarb, PhD, MD</td>
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<td>June 4</td>
<td>Broward Health Salah Foundation Children’s Hospital, “Under the Sea”, implemented and created by Child Life Music and Art Team, Cancer Survivors Day for pediatric survivors and current fighters, hosted at Gilda’s Club 11:30 am – 2:30 pm. This event was also open to the public.</td>
<td>54 Salah Foundation Children’s Hospital Child Life, Music, and Art Therapists</td>
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<tr>
<td>Date</td>
<td>Event Description</td>
<td>Attendees</td>
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| June 8     | BHMC Adult Cancer Services offered a National Cancer Survivors Day Luncheon in honor of previous and current BHMC cancer patients. Sonia Thomas, our art therapist, facilitated a project during the luncheon, where survivors created a hope tree. | 64        | BHMC Cancer Center Staff  
Sonia Thomas, Art Therapist                                                 |
| July 23    | St. Benedict’s Episcopal Church Community Health Fair. Representatives from several BHMC Service Lines, including Comprehensive Cancer Services, and the Lillian S. Wells Women’s Center. Dr. Kalwar presented a lecture on breast, colorectal, lung, and prostate cancer screening guidelines. | 55        | Audrey Guy, RN, MSN, OCN, Oncology Clinical Nurse Specialist, Facilitator  
Tricia Kalwar, MD, MPH Speaker                                                |
| July 24    | New Hope Seventh-Day Adventist Church Health Fair. The Comprehensive Cancer Center provided colorectal cancer awareness and prevention educational lecture, and Fecal Occult Blood Test (FOBT) colon cancer screening. Information on healthy nutrition provided. | 68 Attendees  
25 FOBT Kits distributed | BHMC Cancer Center Staff  
BHMC Wellness Center Staff                                                       |
| August 23  | Gilda’s Club South Florida hosted American Society of Clinical Oncology, ASCO Update: Metastatic Breast, Lung, Brain and Prostate Cancer | 19        | Dr. Archana Maini                                                        |
| October 11 | Community Relations Council Meeting. Director of Product Line Services for BHMC presented on Innovative Strategies for Women’s Health to community leaders and elected officials. | 36        | Heather Miller, MSN, CPON, FACHE                                          |
| October 11 | American Express / Women’s Interest Network breast cancer awareness event. Lillian S. Wells Women’s Health Center provided information on breast cancer screenings, and provided demonstration and instruction on breast self-exam to American Express employees. | 35        | Pia Delvaille, ARNP                                                      |
| October 13 | Willow Wood ALF, breast cancer awareness lecture offered by the BHMC Lillian S. Wells Women’s Health Center. | 19        | Pia Delvaille, ARNP                                                      |
| October 15 | BHMC, Lillian S. Wells Women’s Health Center in partnership with Florida Department of Health, offered free mammograms through a Susan G. Komen grant, and free clinical breast exams. | 30        | Pia Delvaille, ARNP                                                      |
| October 16 | Gilda’s Club South Florida, cancer awareness lecture on cancer risks, barriers unique to women and women of color, and health needs of uninsured women. | 25        | Tricia Kalwar, M.D., MPH                                                 |
Pia Delvaille, ARNP                                                              |
| October 24 | Breast Fest at The Pride Center at Equality Park. Free on-site clinical breast exams hosted by the BHMC Lillian S. Wells Women’s Health Center with triple touch instruction. | 70        | Pia Delvaille, ARNP                                                      |
Pediatric Hematology Oncology Program

The Salah Foundation Children’s Hospital at Broward Health is a regional Children's Medical Services Hematology Oncology Center. We are a member of the Children’s Oncology Group. Through our COG membership we are able to offer families access to numerous pediatric oncology clinical research trials, which is critical in the treatment of pediatric cancer patients. Children can receive the most up-to-date treatment close to home while they maintain their family life and other activities. Our social services team has adopted the NCCN guidelines for emotional distress screening which are utilized at diagnosis, and throughout transitions in care. Our team consists of the following leaders:

**Hematologist Oncologists**

Center Director: Hector Rodriguez-Cortes, MD  
Alejandro Cambara, MD  
Catalina Ruiz Mesa, M  
Angelica Garzon, MD

**Hematology Oncology Nurses**

Director of Nursing for Women & Children’s Hospital, Child Life, Music Therapy, & Art Programs
Nicole Sant’Elia, RN, MSN, ARNP, CCRN
Nurse Manager Dana Tabib, RN, BSN
Assistant Nurse Manager Jeanine Williams, RN, BSN, CPN
Assistant Nurse Manager Adrienne Patino, RN, BSN
Nurse Coordinator Shirley Braddy, RN, MSN  
Joan Beckett, RN, BSN  
Elizabeth Ordelheide, RN, MSN  
Kine Williams, RN

**Child Life**
Kasey Castro, CCLS

**Clinical Research**
Claudia Diaz Pow Sang, BSN, RN, CCRP, Lead COG Clinical Research Associate  
Arlene McMillan, MS, BSN, RN, OCN, CCRP

**Social Work**
Melissa Stachowiak, MSW, LCSW

**Social Work**
Barbara Acevedo, MSW, Pediatric Palliative Care
The Pediatric Hematology Oncology Department has been the recipient of multiple grants including:

**The Alicia Rose Victorious Foundation:**

The Alicia Rose Victorious Foundation has been a partner since 2011:

- Donation and design of Teen Room on the former 8ST
- Annual Magazine Subscriptions to various magazines covering all interests
- Monthly Teen Parties
- Victoria Rose Teen Kits that contain comfort items designed by teams: Shipments of 40 bags quarterly, with more sent as needed

In January 2017 we will become the first recipient of an official Victoria Rose Art Cart. The Supplies to fill the art cart will come from AC Moore in Davie and we will be able to choose the supplies to stock the cart using a gift card provided to our team by the Victoria Rose Foundation.

**2015 Mattel Play Grant: V-POD Distraction Tool (42 inch)**

This V-Pod 3-D Distraction tool will provide a unique opportunity to help support and distract our pediatric patients through difficult and stressful procedures. The equipment will be able to reinforce deep breathing to encourage relaxation through games such as, Lovely Bubbly and Fluttery Fun. There are more interactive games such as, Rhubarb and Custard or Crazy Hedge. This device will help them to regain control in a fun and entertaining way. The Mattel Play Grants program builds on the success of a 10-year partnership between the Children’s Hospital Association and the Mattel Children’s Foundation that has delivered over a half million toys to pediatric patients at children’s hospitals, helping create positive healing environments nationwide.

**2016: Taft Art Therapy Program**

The Taft Art Therapy Program directly supports pediatric services at the children’s hospital, and utilizes a full-time licensed art therapist and is certified through the Art Therapy Credentials Board, Inc. The program provides psychosocial support through art to children who suffer from chronic diseases -- including, but not limited to, those experiencing the maladies of cancer, sickle cell, hemophilia, renal failure, lung disease – delivered in both inpatient and outpatient settings. Studies support the use of art therapy within a professional relationship for the therapeutic benefits gained through artistic self-expression and reflection for children who experience illness, trauma, mental illness, chronic disease and those seeking personal growth.

The goals of the program are to reduce the negative impact of stress and anxiety of hospital visits for children living with chronic diseases and to improve or restore a child’s functioning and ones sense of personal well-being. The art therapist provides children with one-on-one and group therapy sessions -- including use of art media, the creative process utilizing the resulted art work to explore feelings, reconciliation of emotional conflicts, fostering self-awareness, managing behavior, developing social skills, improving reality orientation, reducing anxiety, and increasing self-esteem. Lastly, the art therapist is able to offer knowledge of visual art (drawing, painting, sculpting, and other art forms) and the creative process, as well as child development, psychological, and counseling theories and techniques.
1000 Plus Club:

• **2015 V-Pod 3-D Distraction Tool (40 Inch)**
  Broward Health also received a grant from the 1000+ Club to Benefit Cancer, Inc. to purchase the V-Pod 3-D Distraction tool dedicated only to pediatric oncology patients. This system aims to help patients have the best possible experience while receiving long and sometimes painful treatments, thereby reducing anxiety and in some cases the need for medication.

• **2015 Medi The Robot**
  Broward Health Children’s Hospital has introduced a child-friendly robot named MEDI® to its pediatric patients to help reduce pain, anxiety and fear associated with common medical procedures. The two-foot-tall robot is designed to ease the stress of the hospital experience for both patients and parents alike and is exclusive to South Florida. Broward Health Children’s Hospital is one of only eight hospitals in the nation that utilizes MEDI®. The purchase of MEDI® was made possible through a generous gift from the 1000+ Club. MEDI®, short for Medicine and Engineering Design Intelligence, has many applications, including Pain Coach, Educator and Companion. The robot is programmed to greet apprehensive patients with a warm welcome and “high five” during a variety of procedures, such as vaccinations and blood tests and gives children instructions as to how to manage pain and distress. The hospital uses MEDI® to distract patients while having procedures such as blood tests, dressing changes, EEGs, Foley Catheter insertion and removal, inductions before procedure, inductions after procedure, IV starts, NG insertions, port access, swallow studies and vaccinations. MEDI also interacts with pediatric patients using songs, stories and games under the supervision of the hospital’s Child Life team.

Sickle Cell Treatment

Children of all ages and young adults with sickle cell disease are provided acute and chronic care to manage pain and improve quality of life. The program provides specialized medical monitoring and intervention on an outpatient basis to minimize hospitalizations and provide improved quality of life for these children. The Sickle Cell Unit provides transitional care for the pediatric patient who turns 18 years old. Both the pediatric and adult medical care teams partner to develop a unique transitional care program including a medical passport, tour of the unit and introduction to the adult care team when the time to transition comes.

Support Services

In addition to our team of professionals, we offer Peer to Peer Support with previous patients as speakers, and we have the privilege to work with innumerable outside agencies that provide help and support to our patients and families, including Gilda’s Club, Leukemia and Lymphoma Society, American Cancer Society, Jessica June Children’s Cancer Foundation, Deliver the Dream, Make a Wish Foundation, Little Smiles, and many more. During 2016 we were visited by, or received donations and/or services for patients and families from up to 70 local, regional, state, national, and private foundations.
Child Life, Music Therapy and Art Therapy Achievements

Child life specialists are pediatric health care professionals who work with children in hospitals and other settings to help them cope with the challenges of hospitalization, illness, and disability. They also provide information, support, and guidance to parents, siblings, and other family members.

At the Salah Foundation Children’s Hospital our team consists of three Child Life Specialists, Ann Fogel, Kasey Castro and Caitlin Harrison, Music Therapist Joan Schreier, and Art Therapist Laura Cornelius. During 2016 the program hosted five Music Therapy interns, and ten Child Life interns and the following programs were offered:

- Weekly visits from Ukelele Kids Club Inc., under supervision of the Music Therapy staff
- Initiation of Humor Therapy Program Through the generosity of a community donor: “The Supercalifragilisticexpialidocious Humor Hour” with Clowns of Joy began bringing weekly smiles to all appropriate pediatric patients in February 2016.
- Creation of a Back to School program template for pediatric oncology patients ready to re-enter school
- Implementation of Lily Pad IV Poles for use with appropriate patients
- Annual Pre Prom and Prom to Remember
- End of Chemo Parties
- Supervision and Hosting of Camp Boggy Creek send-off
- “Olympics” held for pediatric oncology patients, with medals for all
- First Annual Back to School Bash held August 6th
- September 2016, in honor of Pediatric Cancer Awareness Month, Dress Up Month: Minions, Sports, Favorite Character, and Gold & Maroon Week
- Prestige Picnic: Approximately 20 families attended this Thanksgiving Holiday Event no November 19th
- 11th Annual Thanksgiving Day Dinner, donated and hosted by Rose Marie Wallace and American Heritage Pre Med Program

Pediatric Palliative Care

The Pediatric Palliative care team collaborates with Child Life by working with the Art Therapist during weekly multidisciplinary meetings for treatment care planning that ensures optimal patient care, throughout the continuum of care. In 2015 the pediatric palliative care team and pediatric oncology nurses began managing nausea and emesis with antiemetics and recording the data on the Barf Scale. This project tracks chemotherapy induced nausea and emesis in pediatric oncology patients. At the end of 2015, the results of patients who are receiving antiemetics while on chemotherapy treatment who reported not having nausea/emesis was 88.71%. In 2016, the results improved to 89.71%, showing that the antiemetics continue to help patients while they are receiving chemotherapy treatment.
IRB Research Study: Quease Ease

Quease EASE is a drug-free, all natural product consisting of a unique blend of pure essential oils, formulated to calm queasiness associated with motion/travel sickness, morning sickness, chemotherapy, and post-operative recovery. An IRB research study is being proposed to the Broward Health IRB department for Pediatric Oncology patients to utilize the Quease Ease product to help relieve their nausea and emesis symptoms during and post their chemotherapy treatment. The study will assess the perceived effectiveness of aromatherapy on nausea, vomiting which will improve the quality-of-life among pediatric oncology patients.

The First Tee

The First Tee is a nonprofit youth development organization that provides young people (ages 6-17 years old) with character-building and life skills lessons using golf as the platform. Through The First Tee, young people discover how skills essential to success on a golf course can also help them flourish in life. For nine consecutive golf sessions 12 Pediatric Oncology patients and their siblings from the Salah Foundation Children’s Hospital learned Nine Core Values such as Courtesy, Responsibility, Judgment, Respect, Sportsmanship, Confidence, Honesty, Integrity and Perseverance. The children had an amazing time learning life lessons and golf. The pediatric palliative care team collaborated with The First Tee program coordinator to arrange this opportunity with the Salah Foundation Children’s Hospital Pediatric Oncology patients.

Bereavement

Legacy Building - Child Life Specialists implement legacy building at the time of diagnosis throughout care and when applicable at end of life. They help palliative care patients create scrapbooks, journals, hand prints and molds, videos, and songs in collaboration with the Music Therapy team. In April 2016, the team co-facilitated the 9th Annual Celebration of Life Ceremony which commemorates the pediatric patients who have passed. There were 15 families in attendance. Goals for 2017: the team is researching new bereavement literature to provide to the patient’s families, will research and refer families to Bereavement camps, and research additional legacy building projects.

15th Annual Palliative Care Symposium

Beyond the Basics of Pediatric Services was held on November 4th, 2016-65 participants. 65 participants attended and expressed positive feedback about the event. The topics discussed were Perinatal Loss and Grief; Pain management for Chronically Ill pediatric patients, Spiritual Care, and An Integrated approach to Palliative care: Child Life, Music Therapy and Art Therapy.

Conversations Matter Project

Barbara Acevedo, Pediatric Palliative Care Social Worker was featured in the National Institute of Nursing Research, Conversations Matter Project in November 2016
https://www.ninr.nih.gov/newsandinformation/conversationsmatter/providerprofiles-acevedo#.WBN5PPmrl0o
Cancer Data Center Report

The Cancer Registry is an information system designed to collect, manage, and analyze data on all patients diagnosed and treated for cancer and other reportable tumors, such as benign brain tumors. Cancer Registrars collect vital information, as required by law, on patients with reportable conditions. Data collected is used by the facility to evaluate quality of patient care and outcomes, as well as planning for community and patient needs.

The Cancer Data Center at Broward Health Medical Center is staffed by individuals with specialized training in cancer data collection. Tumor Registrars who receive this specialized training must also undergo a rigorous professional certification exam administered by the National Cancer Registrar’s Association. Once certified, to maintain their professional credentials Certified Tumor Registrars (CTR) must participate in NCRA approved continuing education programs and submit a minimum of 20 CEUs to NCRA every two years. Submission of CEUs is subject to audit by NCRA for verification of CEU activity. In addition to the CTR Credential, Florida cancer registrar’s must obtain a Florida abstractor code by passing an exam administered by the state cancer registry, Florida Cancer Data System (FCDS), and then must renew their abstractor code annually by passing the FCDS abstractor code renewal exam each year.

In addition to the primary function of cancer data collection and reporting, cancer data staff work with Cancer Program administrators, physicians and staff from various hospital departments, to coordinate Cancer Committee and its Quality Improvement Subcommittee, Breast Program Leadership, Cancer Conferences, and cancer patient care quality improvement activities.

The data we collect is reported routinely to FCDS, as required by law, and annually to the American College of Surgeons, Commission on Cancer, National Cancer Data Base (NCDB) voluntarily. The registry also submits new pediatric cases, and follow-up of pediatric cases to the Florida Association of Pediatric Tumor Programs (FAPTP) Statewide Population Incidence Reporting System (SPIRS).

Submission of data to the NCDB, as part of our CoC Cancer Program Accreditation, to the National Accreditation Program for Breast Centers through our NAPBC Accreditation, and to ASCO Quality Oncology Practice Initiative (QOPI), facilitates monitoring of the quality of care that we provide to our patients, and provides data for benchmarking including incidence, treatment, and outcomes.
In our last complete data collection year 2015, 860 cases were added to our facility cancer registry database of which 23 were pediatric cancers (age at diagnosis less than 21). The most frequent site was Breast cancer, for which 174 cases (includes In-situ) were added to the registry representing 20% of all cases added in 2015. The next most frequent site was Bronchus and Lung with 118 cases (14%). Head and Neck sites combined, including 10 cases of cancer of the Larynx, comprised another 8% of all cancers diagnosed, with a total of 70 cases. 66 Colorectal cancers (8%), 54 Blood and Bone Marrow malignancies (6%), 54 Prostate cancers (6%), and 44 Lymphomas (5%), the majority of which were Non-Hodgkin Lymphoma (36), were also added. Combined, these sites make up 67% of the total cases added to the registry in 2015 (Graph 1 above). The majority of patients less than age 21 were diagnosed with lymphomas (5), accounting for 11% of all lymphomas in 2015. The four bone tumors were Pediatric cancers, there were four pediatric brain tumors, and three pediatric acute Leukemia.

During 2015, the majority of patients were female, 470 (55%). 390 were males representing 45% of all patients (Graph 2).

In a comparison between the American Cancer Society’s Cancer Facts and Figures 2015 and the newly diagnosed invasive cancer cases at our hospital during 2015 we observed that in males although the ACS estimated the most frequent sites to be prostate, lung, and colorectal, in that order, at BHMC the majority of male cancers occurred in the lung (19%), then in head and neck sites and prostate equally as often (both 13%), then colorectal cancers (10%) (TABLE 1 top of next page). Of significance, while the ACS estimated approximately 5% of all male cancers diagnosed during 2015 would be head and neck cancers, including larynx, at BHMC 13% of all new male cancers occurred in head and neck sites (TABLE 1 top of next page).

In females the experience at BHMC was similar to ACS estimates with the most frequent occurring sites being breast, lung, and gynecologic sites respectively. While ACS estimated that in females 2% of cases would occur in head and neck sites, including larynx, at BHMC 6% of the newly diagnosed invasive cancers in females occurred in head and neck sites demonstrating that in both males and females there is a higher incidence of head and neck cancers at BHMC than in estimates from the ACS (TABLE 1 top of next page).

When all BHMC 2015 cases are combined, newly diagnosed and those presenting to BHMC with progression or recurrence of a previously diagnosed cancer, as well as including both invasive and In-situ (Graphs 3 and 4 bottom of next page), the overall incidence is similar to that of the newly diagnosed invasive cancers only (Table 1 top of net page).
Comparison of Broward Health Medical Center 2015 Most Frequent

*New Invasive* Cancer Cases against
American Cancer Society, Cancer Facts & Figures 2015
estimated new cases by sex

(Table 1)

ACS 2015 National Cancer Estimates:

**Male**
- Prostate 26%
- Bronchus & Lung 14%
- Colon & Rectum 8%
- Urinary 11%
- Head & Neck including Larynx 5%
- Blood & Bone Marrow 5%
- Lymphoma 5%

(Excludes in situ, except urinary bladder)

Broward Health Medical Center 2015 New Cases:

**Male**
- Bronchus & Lung 19%
- Prostate 13%
- Head & Neck including Larynx 13%
- Colon & Rectum 10%
- Urinary 10%
- Blood & Bone Marrow 7%
- Lymphoma 6%

(Excludes in situ, except urinary bladder)

Broward Health Medical Center 2015 New Cases:

**Female**
- Breast 33%
- Gynecologic 13%
- Bronchus & Lung 12%
- Colon & Rectum 10%
- Blood & Bone Marrow 7%
- Head & Neck including Larynx 6%
- Lymphoma 5%

(Excludes in situ, except urinary bladder)

ACS 2015 National Cancer Estimates:

**Female**
- Breast 29%
- Bronchus & Lung 13%
- Gynecologic 12%
- Colon & Rectum 8%
- Blood & Bone Marrow 4%
- Lymphoma 4%
- Head & Neck including Larynx 2%

Broward Health Medical Center 2015 *all* cancer cases
top primary sites by sex
(Includes in situ, all sites)

(Graph 3)

(Graph 4)
<table>
<thead>
<tr>
<th>Body System and Site Name</th>
<th>Total Number of Cases</th>
<th>Male</th>
<th>% Male</th>
<th>Female</th>
<th>% Female</th>
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<td>Other Oral Cavity Sites</td>
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<td>14</td>
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<td>40</td>
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<td>Langerhans Histiocytosis</td>
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<td>12</td>
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<td>N/A Indeterminate</td>
<td>N/A Total</td>
<td>N/A Total</td>
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<td><strong>EYE, ORBIT (Squamous Cell)</strong></td>
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<td>0.93</td>
<td>1</td>
<td>12.5</td>
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<tr>
<td><strong>MENINGES</strong></td>
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<td><strong>BRAIN</strong></td>
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