Dear Colleagues and Friends:

Those of us who devote our careers to helping people overcome cancer have reason to be optimistic. We have entered an era of rapid progress; over the past two decades, cancer death rates in the United States have steadily declined. Baptist Health oncology teams are on the forefront of this trend, with groundbreaking clinical trials, innovative treatments and survivorship plans that provide patients with ongoing medical guidance.

With construction of Miami Cancer Institute well underway, we are diligently building a truly comprehensive program. By harnessing the power of partnerships, we are creating multidimensional, multidisciplinary cancer services, not only for South Florida, but also for the Southeastern United States, Latin America and the Caribbean.

On behalf of Baptist Health’s Cancer Committee, I am honored to share our 2014 Cancer Services Report to the Community. This report includes our Cancer Data Services’ 2013 statistics for Baptist, Baptist Children’s and South Miami Hospitals. You will also find an overview of our 2014 activities and achievements.

In 2013, 3,908 new cancer cases were registered at Baptist and South Miami Hospitals, and in 2014, we offered 65 clinical trials — 28 for adults and 37 for children. Having achieved another three-year cancer network accreditation with commendation from the American College of Surgeons’ Commission on Cancer, Baptist and South Miami Hospitals are strongly positioned for the future.

Here is a synopsis of 2014 highlights:

- South Miami Hospital enrolled 75 participants in its first funded, investigator-initiated, prospective study. The lifestyle intervention study will follow early-stage breast cancer patients for two years.
- In preparation for Miami Cancer Institute’s expanded research facility, the Center for Research and Grants implemented OnCore, a clinical research management system to streamline research administration across Baptist Health.
- South Miami Hospital treated its first patient with a newly installed TomoTherapy HDA unit. It is among the few facilities in South Florida to offer this 3-D, image-guided, full-spectrum radiation therapy.
- West Kendall Baptist Hospital became our fourth facility to offer robotic surgery. Last year, our surgeons performed 3,600 robotic procedures—including many cancer-related surgeries—making our program one of the busiest in the world.
- The neurology tumor board meets to review multidisciplinary presentations of prospective neurological cases. In addition, a hematologic tumor board was added to the pediatric tumor board.
- Baptist Health Breast Center acquired 3-D mammography (breast tomosynthesis), the most significant advance in breast cancer detection technology in 30 years.
- Baptist Health offers more than 200 free health-related lectures and nearly 80 free weekly exercise classes which serve 70,000 people annually.

Baptist Health could not have made this progress without our dedicated Cancer Committee volunteers (members are listed at the back of this report). We depend on their expertise to achieve our bold vision while staying true to our mission of patient- and family-focused cancer care.

Grace Wang, M.D.
Chair, Cancer Committee
Baptist Health South Florida
Dear Colleagues and Friends:

Each day, as we witness the construction of Miami Cancer Institute, we get closer to making our city a destination for world-class cancer care. Our plans include a partnership with one of the nation’s leading cancer centers which will help create standards of care that will rival the finest facilities. Yet, even as we watch this spectacular facility unfold, we realize that it is only a building. The real heart of the Institute is people — patients, families and care providers.

As we develop into a “best-of-class” clinical academic center, seven concepts remain at the forefront of our minds: patients, their loved ones, hope, caring, compassion, communication and innovation. These priorities will guide our program now and in the future.

Just as the physical plant is being built on a solid foundation, the Cancer Institute’s services and programs will derive strength from our 10 Pillars of Care:

1. Adult and pediatric oncology, including bone marrow/stem cell transplant services.

2. Innovative translational research closely connected with bedside clinical care.

3. Our surgical centers that draw upon our established areas of expertise and the creation of new centers for specific cancers.

4. Nonsurgical interventional oncology treatments performed by specially trained radiologists.

5. State-of-the-art radiation oncology enhanced by the region’s first proton therapy center for tumors affecting children and adults.

6. Multidisciplinary care that coordinates diverse specialists to facilitate and streamline diagnosis.

7. Highly navigated patient support services to coordinate physicians, pain management, psychologists and survivorship guidance, as well as integrative medicine and therapies.

8. Palliative/supportive care that manages symptoms while increasing the patients’ understanding of their disease.

9. Care that is as cost-effective as it is thorough to ensure that all patients receive the care they deserve.

10. Philanthropy to support innovative research and therapeutic programs not funded by government or reimbursed by insurance.

Miami Cancer Institute will redefine cancer care. Focused on our patients and their families, we embrace this challenge, knowing that hope, caring, compassion, communication and innovation inspire everything we do.

Leonard Kalman, M.D.
Deputy Director
Miami Cancer Institute
Baptist Health is changing the future of cancer care in South Florida. When Miami Cancer Institute at Baptist Health opens in 2016, it will consolidate systemwide outpatient cancer services in a spectacular new four-story facility. The Cancer Institute will offer comprehensive clinical services, state-of-the-art technology and an innovative research facility. To streamline care, Miami Cancer Institute will connect with Baptist Hospital’s new inpatient floor for cancer patients. It will also encompass Baptist Health Breast Center and pediatric cancer services. Designed with patients and families in mind, the Cancer Institute will provide diagnosis, treatment, genetic testing, doctors’ offices, education and support in one world-class facility.

In August 2014, Baptist Health held a groundbreaking ceremony for the $430 million project. Baptist Health caregivers and community leaders attended, as well as cancer survivors who shared stories of hope and courage.

The Power of Partnerships
In December 2014, physicians from Advanced Medical Specialties, one of the region’s largest hematology and oncology practices, joined Baptist Health Medical Group – an organization of 180-plus physicians integrated within Baptist Health—as the Institute’s founding oncologists. As Baptist Health prepares for the Institute’s opening, these respected specialists will be integral to its development.

A South Florida First
Miami Cancer Institute will be the first in South Florida—and one of the few facilities in America—to offer proton therapy. This sophisticated treatment destroys cancer cells with precisely targeted doses of radiation while avoiding healthy tissue. Patients in South Florida, Latin America and the Caribbean will have convenient access to proton therapy.

Team Approach
The Cancer Institute’s multidisciplinary tumor site teams are comprised of physicians and support staff. Each tumor site team, focusing on a particular type of cancer, is addressing multiple aspects of care, with a focus on maintaining state-of-the-art care while improving outcomes and the overall patient experience. Currently, Miami Cancer Institute has four tumor site teams: breast cancer, gynecological cancer, brain and spine tumors and thoracic cancer. Five more teams will begin work in the next few months.

Innovating Cancer Care
The Cancer Institute’s 90,000-square-foot research facility will accommodate principal investigators, researchers and staff who conduct clinical trials and translational research. This facility will give patients access to innovative treatments and groundbreaking clinical trials.
The word cancer was not what frightened Amy Palma so much. It was the word hysterectomy.

An accomplished makeup artist and television producer, Ms. Palma said her world came to a screeching halt when she was diagnosed with endometrial hyperplasia, an early stage of uterine cancer. After her first round of treatment was unsuccessful, her doctor advised removing her uterus.

“At the time, the thing that I wanted more than anything in the world was to have a baby,” she said. “When you are 31 and they tell you that you might need a hysterectomy, it’s devastating. I cried every day for six months.”

A resident of North Dade, she was being treated close to home at that time. She sought a second opinion, and ended up at South Miami Hospital, where she found medical professionals sensitive to her dream of having a family and willing to fight to preserve her fertility. She decided it was worth the long drive for her treatments. Her dosage of Megace, a synthetic progesterone, was quadrupled and she embarked on a long journey.

There were many ups and downs — the cancer went away, only to return even stronger. She underwent two rounds of cancer treatment, three rounds of fertility treatment and 13 hysteroscopies, dilation and curettage procedures that remove the entire contents of the uterus. But it all paid off. “I was able to keep my uterus and I now have two healthy children,” Ms. Palma said.

It is standard practice to perform a fertility assessment on each cancer patient at Miami Cancer Institute at Baptist Health. Ms. Palma is grateful that her doctor was so encouraging and willing to embrace her aspiration of becoming a mother. When her children, Skye and Bella, cuddle up to her to read a book, she knows all is right in the world.

After having Bella, who is now 1, Ms. Palma finally said goodbye to her uterus and had a hysterectomy in February 2015. “I’m at peace, letting go of all that pain with it,” she said. “Having these beautiful, precious children is better than I even dreamed.”
The Pace of Discovery is Accelerating
Cancer research has reached a pivotal moment with innovative studies leading to promising outcomes. In many cases, science is poised on the cusp of a cure. Baptist Health has embraced this exciting era. Construction of a new 90,000-square-foot research facility at Miami Cancer Institute will drive the growth of our clinical research.

In 2014, our medical professionals conducted 28 adult oncology trials and 37 pediatric trials. Our Institutional Review Board (IRB) reviewed applications for 103 new studies, including three new cancer research trials. Last year, our IRB and Florida International University’s Herbert Wertheim College of Medicine entered into a research agreement.

In 2014, Baptist Health cancer patients had access to 65 clinical trials.

This partnership allows the university’s IRB to review minimal- to low-risk research studies held at Baptist Health facilities by investigators from the university. The creation of a single IRB review will help prevent duplication of effort.

Baptist Health’s Center for Research and Grants manages the Facilitated Review Committee, which evaluates protocols managed by the Center before a study is submitted to the IRB. This pre-IRB review connects investigators with experts in research budgets, study design, compliance and operations to ensure a smooth submission process.

In October 2014, the Center for Research and Grants implemented OnCore, a clinical
research management system across the Baptist Health research enterprise. OnCore streamlines the process of administering multidisciplinary research. Used by 48 percent of National Cancer Institute-designated cancer centers, it is a system that will grow with Miami Cancer Institute. OnCore was selected for its functionality and features. The system is used for billing compliance, Medicare coverage analysis, financials and revenue management, registration, visit tracking, data capture and biospecimen management and tracking. OnCore can be integrated with electronic health records, lab records, Varian Medical Systems — Aria® Medical Oncology and IRB software.

Year in Review
Baptist Hospital
At Baptist Hospital, Radiation Therapy Oncology Group (RTOG) trials develop advanced approaches to radiation therapy. In 2014, the NCI Cooperative Groups consolidated their groups and RTOG became part of NRG Oncology. NRG is composed of the National Surgical Adjuvant Breast and Bowel Project, RTOG and the Gynecologic Oncology Group. A notable NRG Oncology trial evaluated post-lumpectomy and post-mastectomy patients. In the case of post-lumpectomy breast cancer patients, the study hopes to determine if radiation to the breast and lymph nodes after lumpectomy is more effective at preventing recurrence than radiation to the breast alone. Researchers are also evaluating post-mastectomy patients to see if radiation to the former breast area and lymph nodes is better at preventing recurrence than no radiation at all. This trial was also offered to patients at South Miami Hospital. Last year, NRG Oncology launched nine new clinical trials for patients with prostate, gynecological, lung, head and neck, esophageal and breast cancers.

Angela Ortiz has never been the typical teenager. Extremely bright and driven, she was admitted into the School of Advanced Studies, an accelerated program in which students complete their last two years of high school at Miami Dade College. She thought she would be living her dream until, a week after beginning her studies on the Homestead campus, she was diagnosed with Hodgkin’s Lymphoma. Although Angela was advised to withdraw from school, she refused. “Everyone has a thing they crave for normalcy,” she explained. “Mine was school.”

When you are 16 years old and you learn you have cancer, “it’s pretty intense,” she said. Her treatment was also intense, involving chemotherapy and radiation. Surrounded by supportive friends and family, she tried to keep her sense of humor and connected with the child life specialists at Baptist Children’s Hospital.

“If I wanted to laugh, I laughed. If I wanted to be goofy, I was goofy,” she said. “It’s not fun having cancer by any means, but trying to make it that way makes it easier to swallow. There are moments you can’t laugh, so you cry and get it over with. But then you have to find a way to laugh again.”

She missed 17 days of school in her junior year during the months she was receiving treatment, but she stayed on track. Now a senior, she is cancer-free and looking forward to university.

Her mom, Aurea Hurtado, said the kindness her daughter experienced at Baptist Children’s Hospital made a huge difference not only in her treatment, but in how she is approaching her future. “I know it’s cancer. I know it’s bad. But there is a positive side,” Ms. Hurtado said. “Because of cancer, she sees the goodness in people. She is more compassionate. It changed her perspective on the things she can do with her life.”

As she heads off to college in the fall, Angela thinks she might want to pursue medicine, possibly neuroscience. “I was never really into becoming a doctor, but all of this sparked in me a desire to help others,” she said. “A lot of good stuff has come out of this.”
Researchers also held a new intramural study for head and neck cancer patients titled “Retrospective Review of Oropharyngeal Squamous Cell Carcinoma Treatment with Carboplatin-Paclitaxel and IMRT Focus on Swallowing Function Questionnaire and Carotid Doppler for the Detection of Carotid Artery Stenosis.” The study has several goals, but its primary focus is to retrospectively evaluate the efficacy of a treatment regimen involving intensity-modulated radiation therapy (IMRT) with concurrent carboplatin and paclitaxel chemotherapy. It will also compare survival outcomes and chronic swallowing function.

South Miami Hospital
After becoming an affiliate site for RTOG in 2013, South Miami Hospital’s research program is well underway. Four new studies received IRB approval in 2014. The Neoadjuvant Breast Registry — Symphony™ Trial (NBRST) uses the Agenda Breast Cancer Suite test to document the unique “fingerprint” of a woman’s breast tumor. NBRST may help researchers develop a more personalized treatment for the participants enrolled in this study and for future patients.

A Baptist Health Breast Center surgeon and South Miami Hospital radiation oncologist are conducting the intraoperative radiation therapy (IORT) study at Doctors Hospital. IORT delivers a concentrated dose of radiation therapy to a tumor bed during surgery. This advanced technology may help kill microscopic disease, reduce radiation treatment times and provide an additional radiation “boost.”

Standard radiation therapy typically involves five days of treatment per week, for a total of five to six weeks for some patients. With IORT, radiation oncologists deliver a similar dose of radiation in a single treatment session, while preserving more healthy tissue. This helps reduce side effects and the time spent in treatment.

In 2014, South Miami Hospital held its first funded, investigator-initiated prospective study. Sponsored by Baptist Hospital Foundation, “A Study of Lifestyle
ADVANCES IN LUNG RESEARCH

Through its relationship with U.S. Oncology, Miami Cancer Institute now has first- and second-line clinical trials for treating non-small cell lung cancer. The trials use immunotherapy to destroy cancer cells. These immunotherapy agents are active in both squamous and non-squamous histologies. These Phase III trials will aid Baptist Health in creating a valuable new treatment option for lung cancer.

Intervention in Overweight or Obese Women with Early Stage Breast Cancer enrolled 75 patients in an IRB-approved study. Participants met with a dietitian and developed an individualized nutritional and exercise program. The dietitian also held weekly group meetings. Participants are followed at three, six, 12 and 24 months.

Miami Cancer Institute

Miami Cancer Institute participated in approximately 30 clinical trials in 2014. The trials studied breast, lung, gastrointestinal, hematological and genitourinary cancers. The trials are being conducted at Baptist and South Miami Hospitals by Miami Cancer Institute’s founding oncologists.

Baptist Children’s Hospital

In 2014, Baptist Children’s Hospital offered 28 trials in conjunction with Children’s Oncology Group (COG), a national cooperative group. Eleven patients were enrolled in a clinical trial. Overall, 61 patients are actively participating in research trials. The young patients come from the local community and international locations. The COG studies cover a myriad of diseases and sites including leukemia, neuroblastoma, Ewing’s sarcoma and Wilms’ tumor cases.

Michael Nones had a persistent cough, but he didn’t feel sick. He wasn’t quite sure what to think, but he knew this wasn’t an ordinary cold or flu. Taking into consideration that Mr. Nones was 67 and a former smoker, his doctor ordered a chest scan.

“Something was there, but they weren’t sure what,” said Mr. Nones, a retired paralegal for a local immigration attorney. Further tests were inconclusive, until a biopsy led to a diagnosis of early-stage lung cancer.

The conclusion was sobering for Mr. Nones, who had already dealt with prostate cancer and melanoma. But he was relieved that his options for treatment included less-invasive robotic surgery. “I liked the idea,” he said. “The other choice was to make a big incision, so I thought it was a great option.”

Cases such as this one are one reason Baptist Health had a public awareness campaign in 2014 to encourage smokers and former smokers above age 55 to get regular lung cancer screenings. Stage I lung cancer has the highest percentage cure rate, but only 15 percent of all lung cancers are detected when they are still stage I.

Mr. Nones recovered well from his surgery and remains very optimistic. He credits his doctors, who simply would not give up when his problem was unclear. “When they tell you that you have cancer, you feel like you are looking at death right in front of your face,” he said. But after three successful bouts with different cancers, “I feel pretty good.”
Treatments and Technologies

Radiation Oncology

Targeted Treatment
Patients seeking a comprehensive and personalized approach to cancer treatment find the help they need from Baptist and South Miami Hospital’s radiation oncology services. With an individualized treatment plan and a multidisciplinary team of experts on their side, each patient receives an extra edge in fighting cancer. Both hospitals provide the following external and internal radiation therapies:

- Image-guided radiation therapy
- Intensity-modulated radiation therapy
- Conformal radiation therapy
- High-dose rate brachytherapy

Year in Review: Baptist Hospital
In 2014, Baptist Hospital’s radiation oncology team partnered with hundreds of cancer patients:
- Patient consultations: 911 — a 5 percent increase from 2013.
- New patient radiation therapy treatments: 657 — a 1 percent increase from 2013.
- Total treatments: 13,318 — an 11 percent increase from 2013.
- Stereotactic body radiotherapy: 22 patients — a 175 percent increase over 2013.
- Radioembolization procedures on liver tumors: 22 — 57 percent increase over 2013.

Year in Review: South Miami Hospital
In August 2014, South Miami Hospital installed a new TomoTherapy HDA™ unit and treated its first patient using this external beam treatment technology. South Miami remains the only hospital in South Florida with TomoTherapy. This 3-D, image-guided, full-spectrum radiation therapy provides extremely accurate dosing and quicker treatment times.

In 2014, South Miami Hospital’s radiation oncology staff helped hundreds of patients on their cancer journey:
- New patient consultations: 660 — a 4.9 percent increase from 2013
- Number of new patients: 365
- New patient radiation treatments: 9,108
Denise Knight was diagnosed with breast cancer a month before her first grandson was born and not long after the disease metastasized to her bones. Her situation appeared grim. “When I was diagnosed, my biggest fear was that my grandchildren would never know me,” said Ms. Knight, a registered nurse for a hospice service. Her first grandson is now 20, however, and Ms. Knight is still going strong. She credits the treatment she received and the vigilant follow-up that continues to this day.

Ms. Knight’s oncologist at Baptist-South Miami Regional Cancer Program, now known as Miami Cancer Institute, entered her into a clinical trial for the monoclonal antibody Herceptin, which targets breast cancer cells that have too many copies of the HER2 protein. One year later, in 1998, tests showed Ms. Knight was completely free of cancer. The drug received approval by the U.S. Food and Drug Administration and is now considered a standard of care.

Ms. Knight continued to take Herceptin for about 10 years to prevent a recurrence. She remains cancer-free and her care consists of regular screenings by Baptist Health medical professionals she now considers family. “I wouldn’t go anywhere else,” says Ms. Knight, 76. “I refer people there all the time because they are so exceptional.”

Ms. Knight proudly continues to work full time and enjoys tending to her garden. She is grateful for the past two decades — and especially that she got to see both her grandsons grow up. “I can tell you my grandchildren do know me,” she said triumphantly. “They know me very well.”

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**Life in Full Bloom. Denise Knight**

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**ENHANCING TRUEBEAM TECHNOLOGY**

When Baptist Hospital implemented the TrueBeam™ STx radiotherapy machine in 2013, it was the first Miami-Dade facility to offer this treatment. Baptist Hospital radiation oncologists use TrueBeam to treat prostate, head and neck, lung and liver cancer sites. With TrueBeam, physicians can target previously untreatable tumors with precise doses of radiation.

**TrueBeam advantages:**
- High-dose delivery of radiation.
- Targets tumors while avoiding healthy tissue.
- Shorter treatment times.
- Fewer side effects.

In 2014, Baptist Hospital enhanced TrueBeam’s accuracy with Vision RT. With Vision RT, physicians can deliver treatment while monitoring patient movement. If the patient moves more than a few millimeters from the intended tumor target, the radiation beam stops. In 2015, our radiation oncologists will begin using Varian’s Edge technology with TrueBeam to treat small brain tumors with stereotactic radiosurgery.

**Team Highlights:**
- Launched South Miami Hospital’s first funded, physician principal investigator-initiated prospective study, “A Study of Lifestyle Intervention in Overweight or Obese Women with Early Stage Breast Cancer.” Principal Investigator Maria Amelia Rodrigues, M.D., and Co-Investigator Grace Wang, M.D., will follow 75 participants over two years. Study participants meet weekly with a dietitian to develop a nutritional and exercise program.
- Started a pediatric total body irradiation program at South Miami Hospital Radiation Oncology with Miami...
Children’s Hospital. The first patient was treated in June 2014.
• Implemented SAVI multiple catheter treatments for high-dose rate brachytherapy. This applicator spares healthy breast tissue and can increase the number of women eligible for breast conservation therapy.
• Partnered with Varian Medical Systems to build an electronic medical records system.
• Volunteered in 20 community charitable and health-related events.

Head and Neck Cancer
The Head and Neck Clinical Interest Group is an invaluable component of Baptist Hospital’s radiation oncology program. The multidisciplinary team works with patients and families to navigate through diagnosis, treatment, follow-up care and psychosocial support. The team meets weekly to create a treatment plan for each patient. In 2014, they reviewed 87 patient cases. As part of Baptist Health’s Continuing Medical Education program, the team presented its third annual symposium, “HPV-induced Head and Neck Cancer: Screening, Detection and Less Invasive Therapies.”

The conference attracted 188 attendees and was webcast to 115 physicians in Mexico and El Salvador.

Gamma Knife Technology
Gamma Knife Center specialists use gamma ray technology to target and eliminate inoperable brain tumors. This noninvasive radiosurgery produces few side effects and frequently improves longevity for patients with advanced cancer.
Educational Outreach

In 2014, seven of the Institute’s specialists served as course directors at the Clinical Interventional Oncology conference, a well-attended module of the annual International Symposium of Endovascular Therapy.

The conference is one of the world’s largest interventional oncology gatherings and expands each year. A multidisciplinary panel discussed a wide range of topics, including therapies for hepatocellular carcinoma, metastatic disease, renal cell carcinoma, lung cancer, bone cancer, advances in therapeutic technologies and imaging, technical pearls and the latest research. Every year, this diversified panel of specialists makes significant strides toward optimizing care of cancer patients.

Interventional radiologists also regularly attend and participate on Baptist Hospital tumor boards and are members of the thoracic and GI oncology tumor site committees. A member of the Institute’s interventional oncology team was on the faculty for Synergy 2014: A Multidisciplinary Approach to Interventional Oncology, held in Miami Beach. He also moderated the Ablation Symposium at the Synergy event. The same physician wrote “Interventional Oncology – Minimally Invasive Treatment of Cancer” for the winter 2015 issue of Innovations in Imaging & Vascular Health. Additionally, he co-wrote an article with a Baptist Health oncologist titled, “Liver-Directed Therapy in Metastatic Colorectal Cancer” for Hope magazine.

When Peter Basso got back on his bike after his cancer treatment, it represented more than just a chance to exercise. To him, it was a symbol of getting his life back on track.

Mr. Basso’s life took an unexpected turn in 2014, when he found a lump on his neck while shaving. “I showed it to my wife and she thought we should get it checked out,” he recalled. A needle biopsy revealed it was squamous cell carcinoma, and it had traveled to his lymph nodes and an area just under his jawbone. “That was a devastating day, the day we found out it was cancer,” he said. “But then we thought, OK, we’ve got cancer, now what are we going to do?”

Mr. Basso first underwent traditional surgery to remove the tumor in his neck at South Miami Hospital. He also had robotic surgery to remove 20 lymph nodes, his tonsils and a small part of the back of his tongue. His follow-up treatment included radiation and chemotherapy.

Mr. Basso’s wife, Carmen, is so grateful for Baptist Health’s family-centered approach to healthcare. “They understood this diagnosis was truly a family affair,” Ms. Basso said. “The treatment was not just about the patient, but about the whole family. There was never a meeting that I wasn’t a part of. They made me feel like we were a team, and I was the team leader.”

Mr. Basso, 58, a building contractor and an avid cyclist who would ride 150 miles weekly prior to his diagnosis, never lost sight of his passion. “I kept saying during my treatment that I just wanted my life back so I could ride my bike and get back to work,” he said.

Recent tests showed Mr. Basso remains cancer-free, and he is now back to riding long distances. “It’s part of feeling back in shape and feeling physically well,” he said. “It’s like therapy for me.”

The Road to Recovery. Peter Basso
Miami Cardiac & Vascular Institute

Interventional radiology treatments are offered through Miami Cardiac & Vascular Institute at Baptist and South Miami Hospitals.

The Institute’s $100 million expansion that began in 2013 is progressing on schedule and will be completed in 2016. The expansion will add procedure rooms and new equipment, which will enable physicians to help greater numbers of patients with inoperable tumors or metastases.

Currently, Institute staff are participating in the Registry of the Magellan Robotic System (ROVER) trial. This trial evaluates the usefulness of the Magellan robotic catheter for endovascular procedures. Several patients who received chemoembolization were enrolled in the trial.

Interventional Radiology

Hope for Hard-to-Treat Cancers

At one time, people with inoperable tumors and metastases had little hope. Today, interventional radiology offers these patients a better quality of life and, in many cases, a cure for hard-to-treat cancers. Patients with renal cancers, for example, are often completely cured with a minimally invasive ablation procedure. Catheter-directed procedures are commonly used to treat primary and metastatic liver cancers. Using these procedures, physicians can improve quality of life and progression-free survival for patients. Other conditions that can be effectively treated using image-guided interventional radiology are lung, liver, bone, adrenal, neuroendocrine and colorectal cancers.

At Baptist Health, these treatments are provided by our team of oncologists, radiation oncologists, interventional radiologists and surgeons. Interventional oncology comprises a specialty known as interventional oncology and represent some of the finest in the field. The team performs a variety of procedures, including:

- Radioembolization
- Cryoablation
- Microwave ablation
- Transcatheter arterial chemoembolization
- Transarterial bland embolization
- Radioembolization via robotic catheter
Robotics and General Surgery

Surgeons at the Center for Robotic Surgery performed 3,600 procedures in 2014, making it one of the busiest robotic facilities in the world.

Robotic Surgery: Next-Generation Cancer Treatment

When the Center for Robotic Surgery opened in 2006, it gave thousands of cancer patients a minimally invasive alternative to traditional surgery. In nine years, it has become one of the world’s busiest robotic surgery centers. Last year, our surgeons performed 3,600 robotic procedures. Today, the program has 11 robots at four hospitals: Baptist, Doctors, South Miami and West Kendall Baptist Hospitals. West Kendall is the latest facility to acquire a robot; in May 2014, surgeons there began using a da Vinci Si robot.

Pioneering Procedures

Since the Center’s inception, our surgeons have pioneered techniques to improve patient outcomes. Ricardo Estape, M.D., was the first surgeon in the world to treat endometrial cancer with robot-assisted heated intra-pelvic chemotherapy (HIPEC). He was also the first in South Florida to perform a hysterectomy through a single tiny incision at the navel. Dr. Estape is the Center’s medical director. Mark Dylewski, M.D., our medical director of robotic thoracic surgery, trains physicians from around the globe in the “Dylewski Method,” a robot-assisted treatment he developed for lung cancer.

In 2014, our surgeons continued using hyperthermic chemotherapy to treat metastatic gynecological and breast cancers as well as mesothelioma. Using this technique, the surgeon “debulks” the tumor, then pumps warm chemotherapy solution to the cancer site, saturating any remaining tumor. Pending FDA There were many things Phil Cabase appreciated about his treatment for prostate cancer at Baptist Health. Tops on his list? “They treated me like an individual, a human being,” he said.

A warm and cheerful person with a very deep faith, it was important to Mr. Cabase to be surrounded by positive people. And that’s exactly what he found at Baptist Health, where he insisted staff call him by his first name and he found his smile was always returned by those who crossed his path. “We have to be happy with all that happens in our lives,” said Mr. Cabase, 74. Although he wasn’t celebrating that he had cancer, “We have to make the best of all the blessings we have in our lives.”

Mr. Cabase said Baptist Health’s caring and personal approach made him feel like he wasn’t just a number, even though he knows prostate cancer is, unfortunately, very common. The disease is estimated to affect one in seven men. In fact, a man is 35 percent more likely to be diagnosed with prostate cancer than a woman is with breast cancer, according to the Prostate Cancer Foundation.

Mr. Cabase’s cancer was discovered following a routine checkup, another fact for which he is grateful. “It’s a blessing that they found I had this when they did. Had they not found it then, it could have been much worse,” he said.

Now cancer-free, Mr. Cabase said he was never afraid, although the experience was tough on his five children and his wife of 47 years, Bertha.

He credits his recovery to the prayers of friends and family, as well as the skill of his doctors and his radiation treatments. His hope is that one day the whole world will be cancer-free. “We need to have the confidence that the Lord does help us and He does protect us,” Mr. Cabase said. “If we watch what we do along the way, we have a better chance to be happier and healthier.”

Keeping the Faith. Phil Cabase
approval, Baptist Health will begin offering hyperthermic chemotherapy for patients with hard-to-treat thoracic cancers. Hyperthermic chemotherapy is especially promising for women with ovarian cancer, the deadliest form of gynecologic cancer in the United States. South Miami Hospital’s Center for Women & Infants is an accredited Center of Excellence in Minimally Invasive Gynecology by the American Association of Gynecologic Laparoscopists.

Sharing Expertise
Baptist Health surgeons recognize their role in spreading knowledge of robotic techniques. They lecture nationally and internationally on topics such as robotic secondary debulking for ovarian cancer and fertility-sparing radical trachelectomy for cervical cancer and sentinel lymph nodes using fluorescent dye for cervical and endometrial cancers.

In 2014, Baptist Health’s annual Miami Robotics Symposium attracted surgeons from around the world and drew interest from 50 robotics centers nationwide. During the event, media were invited to “test drive” the da Vinci Xi surgical robot. Symposium topics included a discussion of Hyperthermic Intraperitoneal Chemotherapy, or HIPEC. A Baptist Health blog featuring HIPEC was the second most read blog in 2014. HIPEC treatment for ovarian cancer is performed at Baptist and South Miami Hospitals.

Advancing General Surgery
The strength of our general surgery programs has been recognized by the American College of Surgeons’ National Surgical Improvement Program. In July 2014, the College published surgical safety records for all Baptist Health hospitals except West Kendall Baptist (too new) and Mariners (too few surgical cases). Our safety ratings were better than the national benchmark of 1.00.

In 2013 (the most current year available), Baptist and South Miami Hospitals provided the following treatments to cancer patients:
- Surgery: 1,077
- Surgery/Chemotherapy: 245
- Surgery/Radiation/Hormone: 163
- Surgery/Radiation: 137
- Surgery/Hormone: 110
- Surgery/Chemotherapy/Radiation: 105

In 2014, Baptist Hospital’s neurosurgery program acquired a NICO BrainPath device for brain and spine surgery. An endoscopic neurosurgical technology, NICO allows surgeons to safely pass instruments into deep or hard-to-reach areas of the brain to remove tumors. By protecting the brain’s natural folds and delicate fibers, NICO minimizes damage, reduces risk and offers an easier recovery.
Multidisciplinary Breast Care
More women in the United States are diagnosed with breast cancer than any other type of cancer. Similarly, within Baptist Health, breast cancer is the most commonly diagnosed type of the disease, with 831 new cases diagnosed in 2014. Fortunately, South Florida has a comprehensive resource in Baptist Health Breast Center. Located in the South Miami Hospital Medical Arts Building, our Center provides diagnosis, treatment, genetic testing, support and access to innovative clinical trials.

In 2014, our team provided the following services:
• 844 surgeries were performed by three Board-certified breast surgeons.
• 3,790 imaging studies were performed by four Board-certified breast radiologists.
• 3,632 patients partnered with four CareCoaches to provide comprehensive support and guidance.

Refining Patient Care
The Breast Center team initiated two patient care improvements in 2014. A Multidisciplinary Breast Conference form was updated to capture information at the time of diagnosis. The form records the tumor type, staging, family history and other data. It complies with standards set by the National Accreditation Program for Breast Centers. A multidisciplinary tumor board reviews each form. The board meets weekly at Baptist Hospital to review patient cases and to develop individualized treatment plans. Doctors, South Miami and Homestead Hospitals join the meetings.

Rosie Fernandez was paying attention to what her body was telling her. That’s how her liver cancer was caught early, when the rate of treatment success is greatest.

Signs and symptoms of liver cancer often do not show up until the later stages of the disease, according to the American Cancer Society. And even when symptoms are felt earlier, many people write them off as digestion problems.

That was not the case with Ms. Fernandez, a former ballet dancer. When she started experiencing unexplained weight loss, nausea and upper abdominal pain, she knew it wasn’t just tummy trouble. After consulting her doctor, she learned she had a cancerous lesion on her liver.

Ms. Fernandez’s treatment involved a partial hepatectomy, an option available only when the tumor is still small. About 70 percent of her liver was removed in a delicate, seven-hour surgery. About three months later, however, another lesion was detected, so she underwent radiofrequency ablation. Now, three years since the first lesion was found, she says she is cancer-free.

“I am very lucky. Very, very lucky,” said this mother of four.

Ms. Fernandez also considers herself fortunate for seeking help through Baptist Health, where she said she received financial assistance because she had no insurance. Consistent with its spiritual foundation, Baptist Health is dedicated to providing high-quality, cost-effective, compassionate healthcare services to all. The system provided $317.4 million in community benefits in fiscal year 2014, including the cost of charity and uncompensated patient care.

“Baptist has the best support system,” Ms. Fernandez said. “They are so kind-hearted to their patients, from the receptionist at the front desk to the technicians administering the treatments... They have angels for doctors, and the nurses – they are absolutely wonderful. Awesome, awesome, awesome.”
via videoconference. In 2014, the forms were used for 199 Breast Center patients presented to the tumor board. The second improvement, a PowerPoint presentation featuring patient vignettes, incorporated data from the multidisciplinary form and each patient’s clinical pathway.

**Diagnostic Developments**

When caught early, breast cancer survival rates are in the 90th percentile. Because early detection is vital, the Breast Center uses leading-edge diagnostic technology. Our facility is accredited by the American College of Radiology and our imaging studies are reviewed by Board-certified radiologists. In 2014, we acquired 3-D mammography. Known as breast tomosynthesis, it is the most significant advance in breast cancer detection in 30 years. Tomosynthesis allows doctors to view breast tissue with greater precision so that they can detect cancer in the early, most treatable stage.

The importance of early detection was further promoted through low-cost digital mammograms for uninsured patients during May and October. In October 2014, a Breast Center radiologist also appeared on Univision’s “Al Amanecer” to discuss Baptist Health’s special mammogram pricing for uninsured women.

**New Approaches to Treatment**

A Breast Center surgeon continued her participation with a national research study on intraoperative radiation therapy (IORT). IORT targets the tumor site during surgery with a one-time radiation treatment, thereby eliminating weeks of radiation treatments. Unlike standard radiation, which radiates the entire breast, IORT confines radiation to the tumor site. Because IORT is used with early-stage cancer, it could potentially benefit thousands of women. To date, 33 Breast Center patients have received IORT.

Baptist Health breast surgeons are achieving excellent results with DIEP flap breast reconstruction surgery. The procedure removes skin and fat from the lower abdominal area and transfers them to the chest to reconstruct the breast after mastectomy. It not only preserves the integrity of the abdominal muscles, but also creates a natural, sensate breast. Infection rates are lower with the DIEP flap method and patients experience a faster recovery.

In 2014, the South Miami radiation department participated in a study titled “Lifestyle Intervention in Overweight or Obese Women with Early Stage Breast Cancer.” The Breast Center enrolled 75 patients in the study. Participants had a BMI greater or equal to 25 and breast cancer at stage I-III. The study reviews weight and BMI changes over two years. Patients were enrolled within 18 months of diagnosis. Sponsored by Baptist Health Foundation, this is the first funded, physician principal investigator-initiated prospective study at South Miami Hospital. Participants met with the Center’s dietitian to develop individualized nutrition and...
exercise programs and attended weekly group meetings. Follow-up will occur at three, six, 12 and 24 months.

Other research trials focused on tumor characteristics, chemotherapy that eliminates cancer from lymph nodes and the above-mentioned IORT. (Information on these studies may be found in the Research section of this report.)

Patient-Centered Support
The CareCoach/Navigation Program is the heart of our patient-friendly philosophy. Every patient diagnosed with breast cancer is partnered with one of four CareCoaches. Knowledgeable and compassionate, they navigate patients through treatment and follow-up care. CareCoaches also act as liaisons between patients and support services.

To effectively treat and prevent cancer, our registered dietitian teaches patients about nutrition. In 2014, she gave numerous presentations in person and on the radio, wrote eight blogs and assisted with a newsletter produced by the Breast Center. Additionally, she helped screen and recruit participants for the Lifestyle study.

In September 2014, the Center hired a social worker to work with newly diagnosed patients. The social worker refers patients to additional services and performs psychosocial assessments for high-risk patients in collaboration with the genetic risk team. In the last four months of 2014, she worked with 88 patients.

Genetic Risk Education and Counseling Service
To address the needs of patients whose personal and family histories suggest a possible hereditary cancer syndrome, Baptist Health established the Genetic Risk Education Service in 2001.

In 2015, a certified genetic counselor will join the team and a genetic counseling component was added.

The name was changed to the Genetic Risk Education and Counseling Service to reflect the addition of genetic counseling. The service is provided by a nurse educator and certified genetic counselor. Since its inception, 3,860 patients have been served and nearly 2,500 have been tested. Last year the service provided nearly 275 individual education and testing sessions. After these sessions, samples were sent for analysis.

In addition to hereditary breast cancer counseling and testing, the service screens for hereditary ovarian, colorectal/endometrial, pancreatic and melanoma cancers.

Community educational programs about hereditary cancers are also offered a few times per year.

There is no charge for these sessions. The only charge is for laboratory analysis of blood or saliva samples.

For those who meet the screening guidelines indicating a medical necessity for testing, medical insurance plans cover the cost of analysis. In 2014, the service received a $26,250 grant from Susan G. Komen Breast Cancer Foundation to pay for lab analysis for indigent patients.

Since 2003, the first year of the Komen grant, the service has received $350,000 from the Foundation.

In 2014, Baptist Health Foundation raised $867,000 at the Sauté and Sip Interactive Dinner. Event proceeds were designated for the Genetic Risk Education and Counseling Service and CareCoach programs.

Collaborative Conferences
In October 2014, two Breast Center surgeons gave presentations at the Breast Cancer Symposium at South Miami Hospital. Now in its second year, the well-attended symposium addressed a wide variety of breast-related topics.

A second event, the Breast Conference, was held at Baptist Hospital and televised...
to Doctors, Homestead and South Miami Hospitals. The conference covered the latest treatments for patients diagnosed with breast cancer.

New Programs
The Breast Center launched one new program in 2014 — the Breast Cancer Survivorship Program. The Survivorship Program guides women after treatment to help them maintain health and well-being.

Web-based Programs
The Breast Center website is a popular online resource with which patients can request appointments, learn about diagnostic procedures and treatments, view a calendar of events and read “The Journey,” a blog that educates and encourages patients, survivors and caregivers. The blog is edited by a breast cancer survivor and written by various contributors, including patients, survivors, CareCoaches and nutritionists. In October 2014, our CareCoaches invited the public to join an interactive Twitter chat about breast health.

Advisory Council
To guide our mission of personalized care, we collaborate with a Patient and Family Advisory Council. Composed of former patients and their families, the Council provides valuable feedback on improving the patient experience. Its members have an increasingly important role as they help us develop plans for the new Miami Cancer Institute.

Outreach Efforts
Raising breast cancer awareness keeps our staff actively engaged in community outreach. They promote awareness at events and on social media. In 2014, we hosted 12 educational programs that attracted nearly 400 attendees. At these programs, our CareCoaches and other staff shared advice on topics including “Supermarket Navigation for the Breast Cancer Survivor” and “What Can Be Done to Prevent a Breast Cancer Recurrence?”

Patients and families receive education, fellowship and guidance through support groups (see Community Outreach, page 26) and CareCoaches connect patients with Baptist Health’s oncology massage therapy and free exercise programs.

Pink for the Cause
In October 2014, Baptist Health facilities, including the Breast Center, supported National Breast Cancer Awareness Month. The organization’s usually green pineapple logo appeared in pink on advertising, social media and websites to honor individuals affected by breast cancer. Hospitals and diagnostic centers got in the spirit with pink lighting and lower-cost mammograms for uninsured women.

In October, Breast Center staff joined more than 30,000 people at Miami’s Bayfront Park for the 19th annual Susan G. Komen Race for the Cure. The event raised $85,000 for breast cancer research.

In 2014, Baptist Health and partner advertising agency República received a Silver Anvil Award of Excellence from the Public Relations Society of America. The award recognized a 2013 Go Pink consumer marketing program promoting breast cancer awareness. The campaign’s “Embrace Tomorrow” message significantly increased the number of mammograms performed throughout the Baptist Health network.

### BAPTIST HEALTH BREAST CENTER

#### IMAGING STUDIES IN CALENDAR YEAR 2014

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**Total Imaging Studies:** 3,790
Children’s Services

Baptist Children’s Hospital is located within Baptist Hospital, which is accredited with commendation by the American College of Surgeons’ Commission on Cancer.

Helping Kids Cope With Cancer
Having a child diagnosed with cancer is one of the toughest situations a parent can face. Baptist Children’s Hospital is uniquely qualified to help children and families cope by providing comprehensive treatment and support services. Our caring, multidisciplinary pediatric oncology team meets weekly to review each child’s progress and to discuss their treatment plan.

Year in Review
In 2014, our pediatric oncologist treated 18 newly diagnosed children and provided follow-up care to 172 patients. Dedicated to the idea that every child deserves a healthy future, Baptist Children’s Hospital partners with the Children’s Oncology Group, a national research organization that studies innovative treatments for childhood cancers. (More information on pediatric clinical trials is in the Research section of this report.) When necessary, our Pediatric Advanced Care Team offers palliative care to children with complex or life-threatening conditions.

Twenty-five nurses at Baptist Children’s Hospital have undergone advanced training in chemotherapy and biotherapy from the Association of Pediatric Hematology/Oncology Nurses. As part of their Performance Improvement team, they continued to reduce the time between hospital admission and antibiotic administration for patients with febrile neutropenia (fever).

Educating Caregivers
Baptist Children’s Hospital’s multidisciplinary educational series, Caring for Kids With Cancer, held an annual conference for doctors, nurses and other caregivers in 2014. Justin Baker, M.D., presented “Improving Quality of Care for Pediatric Oncology.” Dr. Baker is chief of the Division of Quality at St. Jude Children’s Research Hospital, Memphis, Tenn.

Multifaceted Support
Our staff believes that children and families coping with cancer deserve special support.

Every aspect of our patients’ well-being is addressed in creative ways, including pet therapy, humor programs, educational playtime and a school reintegration program. A playroom is available for young patients, and adolescents can hang out in a teen lounge.

Our support extends beyond the hospital. We partner with local organizations to create fun events for patients and families. Highlights include:

• Make-A-Wish Foundation donates game tickets and gifts to patients and our child life specialist organizes Make-A-Wish activities.
• Rides ’n Smiles, a fun-filled family day at Homestead-Miami Speedway, features rides in high-performance cars.
• Universal Studios provides complimentary family weekends.
• The Sunshine Organization invites patients and a hospital representative on a weeklong visit to cities across America.
• Patients help cut hair at the Children’s Hospital tent at Baptist Hospital’s Relay for Life event. Many people donate their hair to the Wigs for Kids, Locks of Love and Pantene Beautiful Lengths programs.

A program unique to Baptist Hospital is the Children’s Cancer Caring Center (CCCC). The Center provides free medical care to young cancer patients in need. It is funded by Baptist Health Foundation, the fundraising arm of Baptist Health. To learn more about the CCCC or to support the Center, contact CEO Lee Klein at 305-932-1606.

Specialized Services

Eleven young cancer patients, along with seven guests and six chaperones from Baptist Children’s Hospital, attended “A Prom To Remember.” Patients were provided with tuxes, dresses, make-up/hair services and a limo. Over 235 patients and guests from local hospitals attended.
International Services

In 2014, Baptist Health International’s multilingual staff coordinated travel arrangements, medical appointments and insurance benefits for 1,176 cancer patients from 44 countries.

Healthcare With a Global Reach:
Baptist Health International

Medical tourism is one of the fastest-growing segments of the healthcare industry. When Baptist Health International began 21 years ago, we were well ahead of the curve. Our strategic South Florida location fueled program growth, and today we serve 8,000 patients annually. Patients travel to Baptist Health facilities from around the world, with most coming from the Caribbean and Latin America.

To further assist international patients, our 24/7 Call Center provides second opinions in many specialties, including oncology. We collaborate with physicians and medical facilities abroad to achieve effective diagnosis and treatment.

Sharing Knowledge

In 2014, Baptist Health International hosted or sponsored 15 cancer-related events for medical professionals and the public. Additionally, the department transmits monthly videoconference lectures to medical schools and hospitals throughout the Caribbean and Latin America. Several of these lectures are led by Baptist Health oncology specialists, who share knowledge and encourage discussion.

Last year, Baptist Health International established a strategic cooperative agreement with Instituto Medico San Nicolas (IMSAN) to introduce our services to Aruba. The International team is helping IMSAN improve its master plan and develop new departments. One initiative will assist in planning and building a radiation therapy department.

Whether coordinating physician appointments and travel arrangements, providing second opinions or offering expertise, Baptist Health International promotes cooperative collaboration. Like our parent organization, we strive to improve the health and well-being of the individuals in the communities we serve, close to home and across the globe.

Palliative Care

More than 2,000 healthcare professionals have completed Baptist Health’s intercultural palliative care training program.

Solace and Support for Cancer Patients

At Baptist Health hospitals, patients and families coping with a serious or life-threatening illness have a palliative care team by their side. This specialized medical care improves the patient’s quality of life by relieving the symptoms and stress associated with a serious illness. According to a recommendation by the American Society for Clinical Oncology, patients with serious symptoms or metastatic cancer should receive palliative care early in the care process.

In 2014, cancer was the primary condition for which patients were referred for palliative care at Baptist and South Miami Hospitals. For the 2014 fiscal year, Baptist Health estimated that palliative
A Compassionate Team
At Baptist Health, palliative care plays an essential role in our patient- and family-centered care. All of our hospitals are staffed with a palliative care team of doctors, nurses, social workers and chaplains. Sensitive and skilled, they facilitate decision-making, communication, care coordination and symptoms management for patients and families.

In our continual effort to improve every aspect of cancer care, Baptist Health increased its Board-certified palliative care physicians from 10 in 2013 to 16 in 2014. Research indicates that having a dedicated palliative care physician can reduce readmissions and length of stay, as well as improve pain management and patient satisfaction.

Collaborative Conferences
Each year, the Palliative Care Steering Council offers healthcare professionals in-depth education at a conference held at Baptist Hospital. Last year’s conference, “Optimizing the New Palliative Care Team Model: Working With Physicians,” featured internationally recognized lecturer Charles F. von Gunten, M.D., Ph.D. Dr. von Gunten is vice president of OhioHealth’s Medical Affairs for Hospice and Palliative Medicine and editor-in-chief of the Journal of Palliative Medicine.

In 2014, Zulmarie Ortiz-Riveria, M.D., Baptist Hospital’s Board-certified palliative medicine physician, presented “Effective Communication Skills for Healthcare Providers” at Baptist and West Kendall Baptist Hospitals. She also presented “Management of Patients With Serious Illnesses” at Baptist Hospital in 2014.

Comforting Kids and Families
It takes an extraordinary person to work with young, newly diagnosed cancer patients and their families. Baptist Health is fortunate to have several of these special individuals in its Pediatric Advanced Care Team (PACT). To meet the unique needs of children and families, the team includes not only pediatric nurses and physicians, but also child life specialists, psychologists, social workers and chaplains. In 2014, PACT followed 134 patients; 74 percent of those were pediatric oncology patients.

Last year, pediatric healthcare professionals attended Baptist Children’s Hospital’s Caring for Kids With Cancer Conference Series. Appearing for the second year, Justin Baker, M.D., presented “Improving Quality of Care for Pediatric Oncology.” Dr. Baker is chief of the Division of Quality at St. Jude Children’s Research Hospital, Memphis, Tenn.

Furthering Knowledge
Our intercultural palliative care training program gives healthcare professionals the skills, knowledge and support they need to care for chronically ill or dying patients. Since the program’s inception in 2008, 2,067 health professionals have completed this training, including 99 in 2014. In partnership with Florida International University’s (FIU) Herbert Wertheim College of Medicine, we developed a one-credit End-of-Life Care course, which was scheduled to begin in January 2015 with 114 students enrolled. To date, 351 FIU students have completed this training.

In addition to our training program, Baptist Health University offers our healthcare providers the opportunity to enhance their knowledge through online education. Courses cover pain assessment and management, and patient education.

2014 PALLIATIVE CARE ACCOMPLISHMENTS

Baptist Hospital
- Provided palliative care rounds and one-on-one education with staff and physicians.
- Initiated a Performance Improvement project, “Utilization of Sublingual Morphine in Hospice Patients.”
- Initiated, developed and revised four medication policies.
- Gave five presentations at the Palliative Care Council.
- Participated on 11 hospital committees.

South Miami Hospital
- Increased Emergency Department referrals.
- Provided education to nurses in the Versant Residency Program.
- Provided continuing education through one-on-one interactions, staff meetings and Palliative Care Month events.
- Presented “Opioid Management at End of Life” in-service training to nurses at staff meetings.
of the nurses with at least one year of oncology experience are certified in chemotherapy/biotherapy administration care and 56 percent hold a Bachelor of Science in Nursing or higher degree. To streamline care, reduce length of stay and increase patient satisfaction, the team does multidisciplinary bedside rounds every weekday on selected patients. Their efforts are paying off: In 2014, inpatient satisfaction reached the 99th percentile, and physician satisfaction was 3.9 out of 4.0.

In 2014, unit infection rates were below the national benchmark for central line-associated bloodstream infections and catheter-associated urinary tract infections. To further best practices, the team also rolled out a Sickle Cell Crisis inpatient order set.

Last year, nurses participated in a national research pain management study, which surveyed 212 patients on the medical-surgical and oncology units. Patients received pain boards that notified them when their medication was due. The survey found that pain boards were useful in helping patients manage pain.

Inpatient/Outpatient Services

Inpatient satisfaction on South Miami Hospital's oncology unit was 99 percent.

Caring for Inpatients With Skill and Compassion
At Baptist and South Miami Hospitals, inpatient care for seriously ill cancer patients combines compassion and expertise. Both facilities have an oncology unit dedicated to caring for cancer patients.

Baptist Hospital: Year in Review
Baptist Hospital is accredited with commendation by the prestigious American College of Surgeons’ Commission on Cancer. In October 2014, the hospital’s inpatient oncology unit relocated from 5 Tower to a new unit on 5 Clarke, on the fifth floor of the Victor E. Clarke Pavilion. The relocation is part of the Miami Cancer Institute project. When the Cancer Institute opens in 2016, it will connect with the new inpatient unit.

Twenty-five percent of the unit’s nurses are Oncology Nurse Certified by the Oncology Nursing Society; 100 percent

Year in Review: South Miami Hospital
South Miami Hospital’s inpatient oncology unit had an active year in 2014, including moving to a newly renovated location at Oncology 5 Pavilion. The team continued daily interdisciplinary bedside rounds on the new unit and achieved patient and physician satisfaction rates in the 99th percentile.

Seventy-five percent of the unit’s caregivers are both registered nurses and chemotherapy/biotherapy certified. Fifty-four percent are registered nurses with a Bachelor of Science in Nursing degree. Five more nurses are currently working on their BSN. In 2014, a new clinical educator, nurse manager, assistant nurse manager and patient care supervisor were hired.

Magnet Certification
Baptist and South Miami Hospitals are recognized as Magnet hospitals for Nursing Excellence by the American Nurses Credentialing Center. To achieve this designation, hospitals must meet rigorous standards of patient safety and quality care. Only 18 Florida hospitals and fewer than 7 percent of U.S. hospitals achieve Magnet recognition. In 2014, South Miami Hospital achieved Magnet status for the third consecutive term.

Oncology Patient Care Navigator Program
Now in its sixth year, South Miami Hospital’s Center for Women & Infants houses an oncology patient care navigator program that provided patient and family support throughout 2014. The program assists both male and female patients throughout the community, offering specially trained nurses to guide patients through the Baptist Health system, coordinating appointments, sharing resources and educating patients about treatments and medications. In 2014, navigators assisted 1,344 newly diagnosed
cancer patients. In June of last year, they began assisting patients in Baptist Health’s lung screening program. Navigators also volunteered at health events and spoke about cancer and cancer prevention in the community and on Spanish radio stations.

One of the navigators serves on the gynecological and thoracic tumor site committees, as well as the Cancer Committee for Miami Cancer Institute. She was also a finalist for the March of Dimes 2014 Nurse of the Year award.

**Accolades**

In 2014, Baptist Health hospitals were recognized for quality care and patient safety by the following organizations:

- In its annual Best Hospitals rankings, *U.S. News & World Report* ranked our hospitals among the nation’s top 15 percent. Baptist Hospital ranked #2 (with 12 silver badges) and South Miami Hospital ranked #4 (with six silver badges).
- Leapfrog National Patient Safety Scorecard Group gave Baptist, Doctors, Homestead and South Miami Hospitals an “A” grade in patient safety.
- *Consumer Reports* named Baptist Health hospitals among the safest in Miami-Dade County.
- Press Ganey recognized Baptist Health with two Beacon of Excellence awards for maintaining high levels of excellence in patient satisfaction for more than three years. Baptist Health also received 19 Guardian of Excellence awards in Inpatient, Outpatient, Emergency Department and Urgent Care for reaching the 95th percentile in patient satisfaction.
Education and Support

The seventh annual interactive dinner, Sauté & Sip, featured Chef Norman Van Aken (left), WSVN news anchor Belkys Nerey and Baptist Health President and CEO Brian E. Keeley. More than $867,000, including in-kind donations, was raised for the CareCoach and genetic risk education programs.

Education

Baptist Health donated $5 million to the Patricia and Phillip Frost Museum of Science to create the Baptist Health People and Science Gallery. When the gallery opens in 2016, its interactive educational programming will encourage visitors to make healthy lifestyle choices that can reduce the risk of cancer or recurrence.

Empowering Through Education

“The great aim of education is not knowledge but action.” – Herbert Spencer

Baptist Health believes that education is the best form of cancer prevention. We empower our community with bilingual educational programs on cancer awareness, prevention and treatment. In 2014, nearly 600 people attended our more than 20 free cancer education programs and events throughout South Florida. Twelve of those programs focused on breast cancer prevention, survivorship, nutrition and genetics and were attended by some 400 people. Baptist Health employees and physicians served as educational ambassadors, meeting and greeting the public where they live, work and play. We also reached our multicultural audiences through our website and social media, talk radio and print advertising.

Here’s an overview of Baptist Health’s free, ongoing educational outreach activities:

- Baptist and South Miami Hospitals provide makeovers/advice for female cancer patients through American Cancer Society’s Look Good, Feel Better classes.
- All hospitals host cancer support groups for patients and families.
- Baptist Children’s Hospital offers a support group for kids with cancer and their families.
- Smoking cessation classes are offered in English and Spanish through a partnership with the Miami-Dade Area Health Education Center.
- More than 50 blogs on cancer-related topics appeared on BaptistHealth.net, BaptistSalud.net and in social media in 2014.
- Weekly radio call-in shows presented in English and Spanish by our medical professionals feature cancer prevention and treatment discussions.
- Cancer patients have access to healthy lifestyle programs, including exercise and stress reduction classes.
- Massage therapy is offered to cancer patients in radiation oncology and to the community, with therapists specialized in oncology massage, craniosacral and lymphatic drainage.
- Baptist Health offered a cooking demonstration and lecture series for cancer survivors and their families.
- Each year, Baptist Health hosts more than 200 health-related lectures and almost 80 weekly exercise classes.
- Certified pet therapy dogs and their owners visit our inpatients and outpatient chemotherapy rooms several times a week.
Information Online

Healthy Connections
With the click of a mouse or tap of a smartphone, patients and families can access information about Baptist Health cancer services and educational information from anywhere, at any time. Our English and Spanish websites, BaptistHealth.net and BaptistSalud.net, allow Web visitors to learn about cancer treatments, find a doctor, schedule a diagnostic procedure or register for classes and events.

Baptist Health also reaches the public via 10 social media platforms and four blogs. “The Journey” features blogs about breast cancer written by survivors, physicians and other health professionals. The “Health, Life & Community” blog talks about diverse topics — including cancer symptoms, treatments and prevention — as well as healthy lifestyle tips.

Both Baptist Health and Baptist Health Breast Center maintain an active presence on Facebook. Our free PineApp for the iPhone or Android phone provides updates and information about our hospital emergency rooms and urgent care centers. Through podcasts and videos, tweets and posts, we educate, inform and inspire.

• In 2014, Baptist Health was listed among healthcare’s “Most Wired” hospitals and health systems in an annual survey. The survey was conducted by Hospitals & Health Networks, the flagship publication of the American Hospital Association. The survey highlights hospitals’ use of information technology in three areas: improving care through better documentation and fewer errors using computerized physician order entry; providing better patient access to healthcare information and medical records; and improving operational performance.

• In 2014, BaptistHealth.net received 37,292 page views, an 80.2 percent increase from the 20,699 page views received in 2013.

• In 2014, Baptist Health Breast Center’s website had 56,521 page views, a 1,213 percent increase over 2013 traffic.

Support for Our Community

In 2014, Baptist Health supported more than 13 organizations dedicated to fighting cancer.

Building a Healthier Community
Supporting community organizations that fight cancer and promote awareness and prevention is a natural outgrowth of Baptist Health’s commitment to excellent cancer care. We partner with many local and national groups to advance cancer research and treatment, offer emotional and financial support to patients and find cures. We are many different organizations that share a common goal: to improve the lives of cancer patients and their families.

In 2014, Baptist Health supported more than 13 groups dedicated to fighting cancer. Our employees walked, ran and volunteered in fundraising events. Our organization contributed more than $170,000, excluding in-kind contributions, to support cancer research and education, free and low-cost cancer care and a myriad of patient services. In addition to supporting charitable organizations, we provided more than $300 million in total charity care and uncompensated services at cost in fiscal year 2014.

Pastoral Care is central to Baptist Health’s community commitment. Pastoral Care tends to the spiritual needs of our patients, employees and their families, and its Congregational Health programs provide screenings, preventive care and other services to 90-plus congregations. Pastoral Care hosts health fairs and educational events and partners with disease-specific organizations, including the American Cancer Society.

Raising Awareness, Raising Funds to Fight Cancer

Here’s a snapshot of just a few of the events and organizations Baptist Health supported in 2014:

Twenty-six teams of 200 walkers raised $70,600 for the Leukemia & Lymphoma Society’s Light the Night Walk, with an extra $10,000 in sponsorship funding provided by Baptist Health.

Baptist Health sponsored transportation vouchers for 40 patients with blood cancer.

Nearly 1,100 employees helped the Susan G. Komen Race for the Cure raise more than $85,000 for breast cancer research and patient services.

The health system hosted numerous American Cancer Society Relay for Life events in Miami-Dade and Monroe counties. Miami Heat player James Jones was honorary co-chair at the ninth annual East Kendall celebration on the Baptist Hospital campus, attended by 300-plus cancer survivors, and more than 3,000 members of their families, friends and the community. The event generated $303,000 for the American Cancer Society.

Baptist Health sponsors many organizations dedicated to education and support for cancer patients and their families.

Among them are the Cancer Support Community Greater Miami, La Liga Contra el Cancer (The League Against Cancer) and the Women’s Breast & Heart Initiative.

In addition to supporting the Miami Day of Caring for Breast Cancer Awareness event, oncology experts spoke at the event and offered a free “Learn the Facts: Genetic Risk for Hereditary Breast and Ovarian Cancer” presentation.
Cancer Data Center

In 2013, 3,908 new cancer cases were registered at Baptist and South Miami Hospitals.

Sixty-one percent of those patients were women and 39 percent were men. Of those registered, 3,039 (78 percent) were analytic and 869 (22 percent) were nonanalytic. Distribution of stage of disease at diagnosis for analytic cases was 10 percent Stage 0; 29 percent Stage I; 15 percent Stage II; 12 percent Stage III; 12 percent Stage IV; 11 percent unknown; and 11 percent not applicable.

The top five primary sites, making up 62 percent of the total analytic cases, were:

<table>
<thead>
<tr>
<th>Site</th>
<th>No. Cases</th>
<th>0</th>
<th>I</th>
<th>II</th>
<th>III</th>
<th>IV</th>
<th>Unknown</th>
<th>N/A</th>
<th>%</th>
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<tr>
<td>Breast</td>
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<td>226</td>
<td>314</td>
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<td>58</td>
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<td>Lung</td>
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<td>16</td>
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Tumor Conferences

All Baptist Health oncology conferences are held at Baptist Hospital. All except the Head and Neck Conference are televised to South Miami Hospital. The Breast Conference is televised to Doctors, Homestead and South Miami Hospitals. For meeting agendas, call 786-596-5539.

- Thoracic Oncology Conference — approved for 1 hour Continuing Medical Education Category (1 credit).
- Gastrointestinal Oncology Conference.
- Combined Genitourinary and Gynecologic Oncology Conference.
- Combined Pediatric Oncology and Hematology Conference.
- Head and Neck Conference — approved for 1.5 hours Continuing Medical Education Category (1 credit).
- Breast Conference — approved for 1 hour Continuing Medical Education Category (1 credit).

DEFINITION OF TERMS

**Analytic Case** — A patient diagnosed and/or receiving a first course of therapy at Baptist or South Miami Hospital.

**Nonanalytic Case** — A case diagnosed and initially treated elsewhere before coming to our hospitals; or a case diagnosed and/or treated at one of our hospitals prior to January 1, 1996, that has presented persistent or recurrent disease during the current year or was diagnosed at autopsy.

**Primary Site** — The anatomical location considered the point of origin for the malignancy.

**Stage** — The spread of disease at the time of diagnosis. Our hospitals’ database includes the SEER (Surveillance, Epidemiology and End Results) and the AJCC (American Joint Committee on Cancer) TNM (Primary Tumor/Regional Lymph Nodes/Distant Metastasis) Staging Systems.

**Survival** — Survival is calculated from the date of best confirmation of diagnosis to the date of last contact for analytic cases only.
<table>
<thead>
<tr>
<th>Primary Site</th>
<th>Total</th>
<th>Analytic</th>
<th>Nonanalytic</th>
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<th>Female</th>
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<td>All sites</td>
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<td>3,039</td>
<td>869</td>
<td>1,533</td>
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# Cancer Committee Members

<table>
<thead>
<tr>
<th>Name</th>
<th>Title and Position</th>
</tr>
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<tbody>
<tr>
<td>Andre Abitbol, M.D.</td>
<td>Associate Medical Director, Radiation Oncology, Baptist Hospital, and Cancer Conference Coordinator</td>
</tr>
<tr>
<td>Flor Aguirre, R.N., MSN, OCN, CNL</td>
<td>Inpatient Oncology, Baptist Hospital</td>
</tr>
<tr>
<td>Gustavo Astudillo</td>
<td>Chaplain, Pastoral Care Services, Baptist Hospital</td>
</tr>
<tr>
<td>Claudia Brborich, R.N., B.S., OCN</td>
<td>Assistant Nurse Manager, Radiation Oncology, South Miami Hospital</td>
</tr>
<tr>
<td>Danielly Camacho</td>
<td>Program Coordinator, Community Health</td>
</tr>
<tr>
<td>Lydia Canizares, MSW</td>
<td>Social Work, South Miami Hospital</td>
</tr>
<tr>
<td>Catheleen Charles, ARNP</td>
<td>Nurse Practitioner, Baptist Hospital, 5 Clarke Inpatient Oncology Unit</td>
</tr>
<tr>
<td>Larraine Chrysal, ARNP</td>
<td>Director, Baptist Health Breast Center</td>
</tr>
<tr>
<td>Tanya S. Flynn, MSN, R.N.</td>
<td>Patient Care Manager, Oncology 5 Pavilion /South Miami Hospital</td>
</tr>
<tr>
<td>Arnold Fonticiella, LCSW</td>
<td>Palliative Care, South Miami Hospital</td>
</tr>
<tr>
<td>Annie Garcia-Montes, LCSW</td>
<td>Social Work, Baptist Hospital</td>
</tr>
<tr>
<td>Troy Gatcliffe, M.D.</td>
<td>Gynecologic Oncology</td>
</tr>
<tr>
<td>Gladys Giron, M.D.</td>
<td>Associate Medical Director, Baptist Health Breast Center</td>
</tr>
<tr>
<td>Anthony M. Gonzalez, M.D.</td>
<td>Chief of Surgery, Baptist Hospital</td>
</tr>
<tr>
<td>Omi Gopalani, R.Ph.</td>
<td>Pharmacy, South Miami Hospital</td>
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<tr>
<td>JoAnn Gottlieb, ARNP-BC, CHPN, Ph.D.</td>
<td>Palliative Care Program Coordinator, Baptist Hospital</td>
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<tr>
<td>Edwin Gould, M.D.</td>
<td>Medical Director, Pathology, Baptist Hospital</td>
</tr>
<tr>
<td>Meryl Hush, R.N., BSN, CCRP</td>
<td>Performance Improvement, Baptist Hospital</td>
</tr>
<tr>
<td>Maria Jaramillo, R.N.</td>
<td>Vitas Hospice</td>
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<tr>
<td>Jessie Jerome, ARNP</td>
<td>Palliative Care, South Miami Hospital</td>
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<tr>
<td>Omar Llaguna, M.D.</td>
<td>Surgical Oncology &amp; Endocrine Surgery, Baptist Health Medical Group</td>
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<tr>
<td>Yamile Leon, R.N., BSN, OCN</td>
<td>Oncology Patient Care Navigator, South Miami Hospital</td>
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<tr>
<td>Moises Lustgarten, M.D.</td>
<td>Acute Pain Service, Baptist Hospital</td>
</tr>
<tr>
<td>Marta Manrique-Reichard, Ph.D.</td>
<td>Psychology and Psychosocial Services Coordinator</td>
</tr>
<tr>
<td>Elizabeth Matalon, MBA, P.T.</td>
<td>Director, Rehabilitation Services, Baptist Hospital and West Kendall Baptist Hospital</td>
</tr>
<tr>
<td>Ani Matos, MS-HSA</td>
<td>Administrative Director, Radiation Oncology, South Miami Hospital</td>
</tr>
<tr>
<td>Mercy Mena-Allauca, CTR, RHIT</td>
<td>Manager, Cancer Program and Cancer Data Service, Baptist Health, and Cancer Registry Quality Coordinator</td>
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<tr>
<td>Lourdes Moreno, LPN</td>
<td>Clinical Research Associate, Radiation Oncology, Baptist Hospital, and Clinical Research Coordinator</td>
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<tr>
<td>Anay Moscu, Pharm.D., BCPS</td>
<td>Oncology Clinical Pharmacist, Pharmacy, Baptist Hospital</td>
</tr>
<tr>
<td>Nariman Muci, R.N., BSN</td>
<td>Pediatric Oncology, Baptist Children's Hospital</td>
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<tr>
<td>Karla Otero, R.D., LD/N, CSO, CDE</td>
<td>Clinical Nutrition, Baptist Hospital</td>
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<tr>
<td>Berta Rios, Ph.D.</td>
<td>Patient Services Manager, South Region, American Cancer Society</td>
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<tr>
<td>Jan Roy, R.N., OCN</td>
<td>Nurse Manager, Inpatient Oncology, Baptist Hospital</td>
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<tr>
<td>Anne Smith</td>
<td>Corporate Director, Marketing &amp; Communications</td>
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<tr>
<td>Faith Solkoff, R.N., BSN, MPA</td>
<td>Vice President, Baptist Hospital</td>
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<tr>
<td>Muriel Sommers</td>
<td>Marketing &amp; Communications</td>
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<tr>
<td>Jeanette Stone</td>
<td>Vice President, South Miami Hospital</td>
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<tr>
<td>Carlos Suarez, M.D.</td>
<td>Surgery, Cancer Liaison Physician and Community Outreach Coordinator</td>
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<tr>
<td>Lupita Townsend, M.S., R.D., LD/N, CSO, CNSC</td>
<td>Clinical Nutrition, Baptist Hospital</td>
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<tr>
<td>Lisa Trebbi, MBA, R.N.</td>
<td>Director of Clinical Trials Office, Center for Research and Grants</td>
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<tr>
<td>Antonio Ucar, M.D.</td>
<td>Medical Oncology, Cancer Committee Co-chairman and Quality Improvement Coordinator</td>
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<tr>
<td>Stefania Vernace, M.D.</td>
<td>Gastroenterology</td>
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<tr>
<td>Hao Vuong, M.D.</td>
<td>Diagnostic Radiology, Nuclear Medicine, Baptist Hospital</td>
</tr>
<tr>
<td>Grace Wang, M.D.</td>
<td>Medical Oncology, Cancer Committee Chair</td>
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<tr>
<td>George Weiss, MHA, RT(N)</td>
<td>Administrative Director, Radiation Oncology and Cancer Data Center, Baptist Hospital</td>
</tr>
<tr>
<td>Rae Wruble, R.N., MBA</td>
<td>Coordinator, Genetic Risk Education Service, Baptist Health</td>
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The mission of Baptist Health is to improve the health and well-being of individuals, and to promote the sanctity and preservation of life, in the communities we serve. Baptist Health is a faith-based organization guided by the spirit of Jesus Christ and the Judeo-Christian ethic. We are committed to maintaining the highest standards of clinical and service excellence, rooted in the utmost integrity and moral practice. Consistent with its spiritual foundation, Baptist Health is dedicated to providing high-quality, cost-effective, compassionate healthcare services to all, regardless of religion, creed, race or national origin, including, as permitted by its resources, charity care to those in need.