

2016**ANNUAL CANCER REPORT****Aloha,**

At Hawai'i Pacific Health, we've been helping cancer patients of all ages become cancer survivors for decades. We offer high-quality cancer care in more locations than anyone else in Hawai'i. Our family of cancer centers is dedicated to providing care that is comprehensive, well-coordinated and connected.

- The Straub Cancer Center is committed to providing patients with top-quality care through its team of board-certified physicians and specialty trained staff at its Outpatient Treatment Center.

- Kapi'olani Medical Center for Women & Children has highly trained physicians and staff who are experienced in treating childhood and women's cancers, including the only bone marrow transplant facility and one of the only pediatric oncology programs.

- Pali Momi Medical Center is the only cancer treatment program in West O'ahu that is nationally accredited. In 2016, Pali Momi Medical Center announced it plans to expand with the opening of a comprehensive cancer center in 2017 that will provide diagnostic and treatment services at one location.

- Wilcox Health provides Kaua'i residents with state-of-the-art, compassionate cancer care close to home. Oncologists at Kaua'i Medical Clinic and the Infusion Center

at Wilcox Medical Center are key to ensuring patients can remain on the Garden Isle for their treatment in a nationally accredited oncology program.

Our multidisciplinary approach is tailored to each patient's needs, and is strengthened by collaboration with the University of Hawai'i Cancer Center and our new affiliation with Seattle Cancer Care Alliance, one of the top 10 cancer hospitals in the nation.

A healthier Hawai'i begins with cancer prevention and screening. As a health system, we are partnering with primary care physicians, health plans and the community to provide state-of-the-art screening and diagnostic services.

Hawai'i Pacific Health continues to be an active Hawai'i Cancer Consortium member working with the National Cancer Institute designated University of Hawai'i Cancer Center. This community partnership provides patients with increased access to clinical trials focusing on the cancers that significantly impact the people of Hawaii.

In the last year, the Cancer Centers of Hawai'i Pacific Health of experienced unprecedented growth and accomplishment. On behalf of the physicians, nurses, staff and all who care for our patients, we are pleased to present the Hawai'i Pacific Health's 2016 annual report to the community.

Sincerely,
Jeffrey Killeen, MD
Medical Director, Oncology Service Line

Elizabeth Blasiak, DNP, RN, OCN
Director Oncology Service Line

A Partnership for Patients:



PHOTO CAPTION:

Pictured in the photo above are (l to r) Dr. Jeffrey Killeen, medical director, Oncology Service Line, Hawaii Pacific Health; Norm Hubbard, executive vice president, Seattle Cancer Care Alliance; Ray Vara, president and chief executive officer, Hawaii Pacific Health; and Dr. Marc Stewart, chief medical officer, Seattle Cancer Care Alliance.

Hawaii Pacific Health and Seattle Cancer Care Alliance (SCCA) have formed a strategic partnership that will help to advance the standard of cancer care in Hawaii through population health management with a focus on improving prevention, screening, early detection and treatment of cancer.

Ranked in the nation's top 10 cancer centers by U.S. News & World Report, SCCA brings together the research teams and cancer specialists from three world-class institutions – Fred Hutchinson Cancer Research Center, Seattle Children's Hospital and UW Medicine. SCCA also has Network Member institutions throughout the Pacific Northwest.

Hawaii Pacific Health's affiliation with SCCA will enhance its current cancer care programs by expanding existing initiatives with these leading facilities in patient education, quality improvement, research and clinical trials. Hawaii residents also will

continue to have access to the latest cancer treatment options right here in the islands, including clinical trials and other protocols that will now be broadened through the partnership.

“Hawaii Pacific Health and Seattle Cancer Care Alliance have a similar vision, values and culture of collaboration that made this partnership a natural fit,” said Hawaii Pacific Health President & CEO Ray Vara. “This formal affiliation will enhance our ability to develop a population health management program that complements our ongoing work with the University of Hawaii Cancer Center. It also will increase our depth of expertise by providing broader access to SCCA’s network of providers and resources.”

“Both Hawaii Pacific Health and Seattle Cancer Care Alliance share the goal of elevating patient care. The Hawaii Pacific Health cancer care team is among the best in Hawaii, and SCCA is honored to partner with them to support the patients and families of Hawaii,” said Dr. Marc Stewart, chief medical officer and vice president of SCCA.

Hawaii Pacific Health currently provides comprehensive, state-of-the-art cancer care through four medical centers – Kapiolani, Pali Momi, Straub and Wilcox. Its team of physicians, nurses and other health care professionals is dedicated to providing quality cancer care that allows Hawaii residents the ability to stay at home for their treatment, when possible. This partnership will increase the opportunity for patients to benefit from the support of family and friends in Hawaii.

In addition to its leadership in the diagnosis and treatment of pediatric and adult cancers, Hawaii Pacific Health has expanded its focus on prevention and wellness by building care teams centered on patients with screening, monitoring and early intervention initiatives aimed to reduce the impact of chronic health conditions and improve health outcomes among Hawaii’s population. This partnership will explore the potential for these population health initiatives to positively impact the incidence of cancer and patient outcomes related to cancer in Hawaii.

Hawaii Pacific Health also continues to partner with the University of Hawaii Cancer Center as a Hawaii Cancer Consortium member and clinical partner providing access to clinical trials. The SCCA affiliation will provide opportunities for the joint development

and implementation of innovative approaches between SCCA, Hawaii Pacific Health and the UH Cancer Center to improve cancer-related treatment outcomes.

“The Hawaii Pacific Health-SCCA affiliation will complement the existing and strong ties between Hawaii Pacific Health and the University of Hawaii Cancer Center,” said Dr. Randall Holcombe, UH Cancer Center Director. “The UH Cancer Center will continue to facilitate access to clinical trials for patients and work with the Hawaii Cancer Consortium members to reduce the burden of cancer for the people of Hawaii. The affiliation will provide opportunities for researchers at the UH Cancer Center to partner with Hawaii Pacific Health and SCCA on research projects involving cancer care delivery and population-based approaches to cancer prevention.”

“The University of Hawaii has had a long-standing partnership with Hawaii Pacific Health and its hospitals and programs throughout the state,” said University of Hawaii President David Lassner. “We look forward to the new opportunities their affiliation with the Seattle Cancer Care Alliance will offer for enhanced educational programs and research as we all work to improve cancer care and outcomes for the people of Hawaii.”

In November 2016, members from SCCA met with Hawaii Pacific Health’s leadership and cancer care team to begin the development of joint initiatives planned for 2017 and beyond.

A Story of Hope: Our Partnership in Practice



In early 2015, Casey Sherman noticed something very strange – the 37-year-old began developing bruises over his body almost immediately after a minor bump or scrape.

“One night I mentioned it to my wife. She pinched me and you could see this

bruise start to form instantly,” the Maui resident remembers.

A few mornings later, Casey woke up to unusual soreness all over his body. However, he brushed the feeling off, chalking the pain up to your average post-workout muscle fatigue.

Casey, who works as a cook at the Four Seasons Resort Maui at Wailea, went about his day as best he could, but felt horrible.

“I felt like I was going to die,” he says.

When he arrived back home that night, Casey was exhausted. He could barely stand, let alone eat, so his wife, Shelly, drove him to Maui Memorial Medical Center, where he had a blood test performed.



The results that came back shocked the couple – Casey had cancer.

“My initial reaction was, what am I going to do next,” Shelly recalls.

“It was crazy,” Casey says. “My platelet count was at 12,000. Normally, it should be at 150,000, minimum.”

Casey was diagnosed with adult acute lymphoblastic leukemia (ALL), a form of cancer that affects the blood and bone marrow, and reduces the body’s ability to fight off infection. If not treated, ALL can spread to the central nervous system.

Before the reality of the diagnosis could set in, Casey and Shelly were put into contact with Dr. Ian Okazaki, chief of the Medical Oncology Department at Straub Medical Center.

“Dr. Okazaki flies to Maui twice a week, so has a relationship with Maui Memorial,” Shelly explains.

Casey credits his wife, Shelly, for being his rock throughout his cancer battle.

A few days later, the Shermans were on a plane ride to O‘ahu, where they would spend the next eight months living on the sixth floor at Straub on King Street.

“It was interesting to live in the hospital ward,” Casey says. “The doctors, nurses and assistants all turned into family.”

“There was a really good relationship between the doctors and hospital staff – everyone is always striving to help you and makes things comfortable,” agrees Shelly, who slept in a fold-out chair next to Casey every night.

Casey’s ALL required he undergo a bone marrow transplant; however, the odds of finding a match did not look good.

“We were told it would be difficult to find a donor because Casey is adopted, he doesn’t have any family history or medical records, he has no siblings and he’s of Korean descent, which is harder to find a matched donor,” Shelly explains.

As fate would have it, the organization Be The Match found Casey’s one perfect match – a 28-year-old donor from the mainland.

Though Casey received most of his cancer treatment at Straub, his bone marrow transplant was performed at the University of Washington Medical Center, a Network Member of the Seattle Cancer Care Alliance (SCCA).

“We flew up to Seattle a month after his first chemo treatment and stayed at the University of Washington Hospital for pre-treatment, chemo and recovery after his bone marrow transplant,” Shelly says.

Casey had his bone marrow transplant in August 2015 and flew back to Oahu in March 2016. Upon their arrival, Casey immediately saw Okazaki and the rest of his cancer care team at Straub.

“It was a good transition between Straub and SCCA,” Casey says.

“The follow-up between Straub and SCCA was seamless. There were no complications, and everything was so well-organized,” Shelly adds. “The hospitals always talked and were well-coordinated. Even today, if we have questions, we can email back and forth. There is no lapse – just a phone call or email away, and they (SCCA) are really good about responding to concerns and record-keeping.”

Now in remission, Casey flies over to Straub once a month to continue ongoing treatment. He also will need to go to Seattle once a year for follow-up care and testing for the next five years.

“(Having cancer) scares you – it shocks you – but I never had a ‘why me’ moment,” says Casey. “Don’t get me wrong, I was scared, but I had to face the fear and move on to beating this.”



Casey, seen here in the Straub Healing Garden, has been cancer-free for more than a year but continues to travel to Oahu once a month for follow-up care and testing.

Casey admits he did have some “low moments,” like when he developed pneumonia early in the treatment process. Luckily, Straub Pulmonologist Dr. Eric Crawley was on-hand to treat Casey’s infection.

“Dr. Crawley was great! We developed close relationships with our care team, and have lots of funny stories,” Shelly says.

“Because I work in the kitchen, we could always connect through food,” shares Casey.

“He likes making kim chee, and we just got into pickling, but he needs to work on his jelly-making,” Shelly says with a laugh, adding that she likes her husband’s homemade garlic fried rice, Korean chicken, fettuccine and lemon-rosemary arancini.

Both Casey and Shelly agree that these close connections they developed with the doctors and nurses at Straub, SCCA and the University of Washington were a great source of comfort for them, especially when they were faced with the unknown.

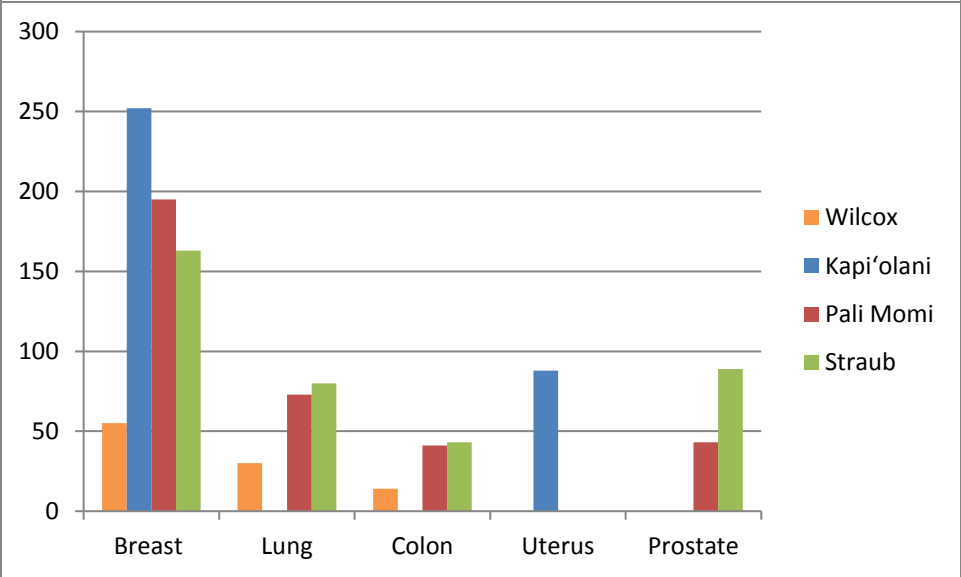
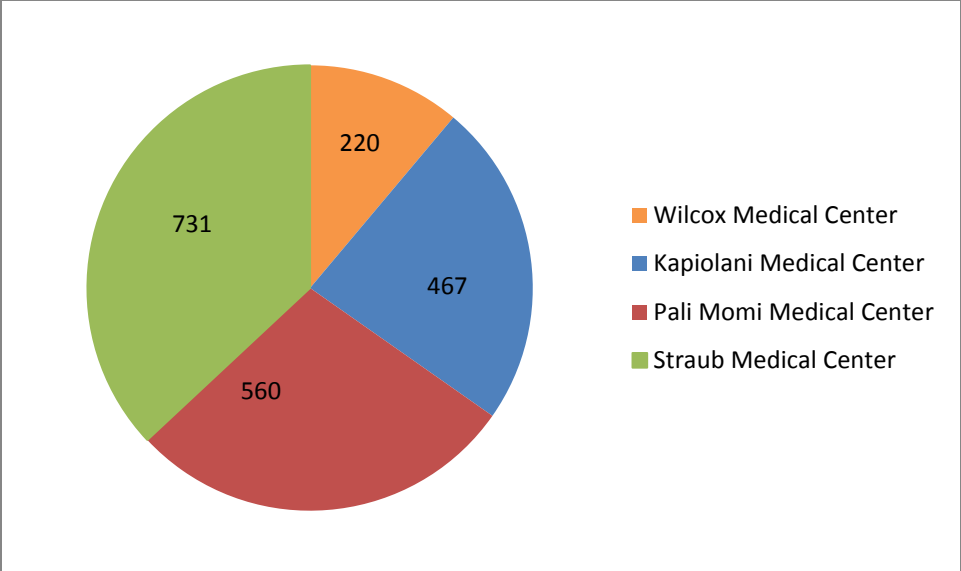
But, for Casey, the support and encouragement of his family and friends “helped tremendously during the toughest moments.”

"This journey has made me really appreciate my family and friends. Without my wife by my side, I would have been a wreck! She is my rock," Casey says. "Those little rays of sunshine – whether it be a text from a family member, a signed shirt with messages of support from your co-workers, a picture of a pet, or just the consistent presence of a loved one – will help you fight through the dark and unpleasant days.

***“To all my cancer warriors, keep your head up and be positive!” Casey adds.
“You gotta fight, because cancer will not stop.”***

Cancer Registry Report (2015 Data)

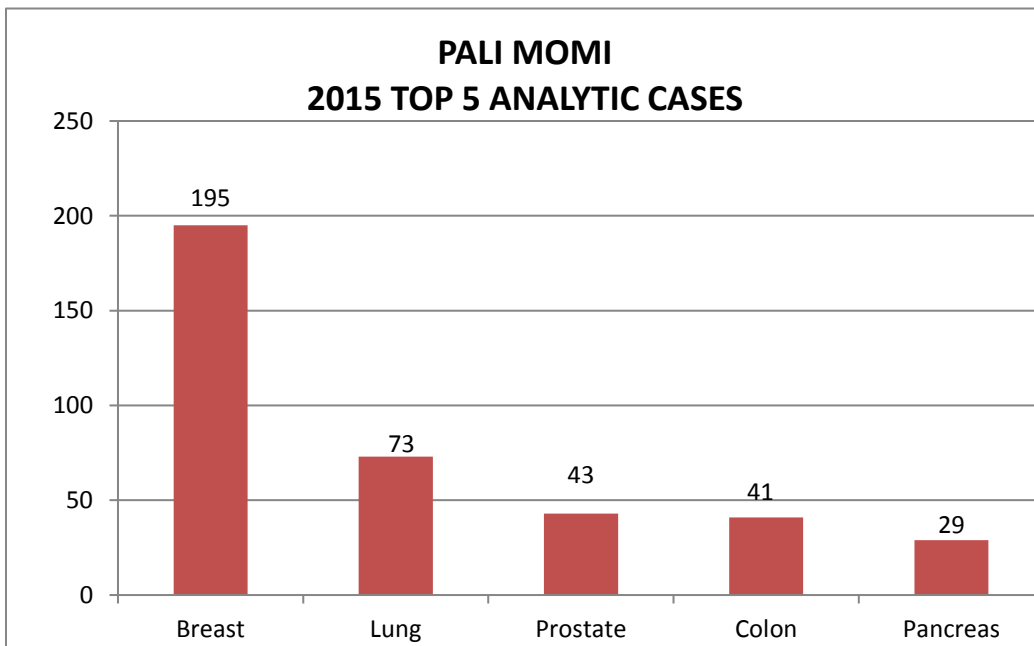
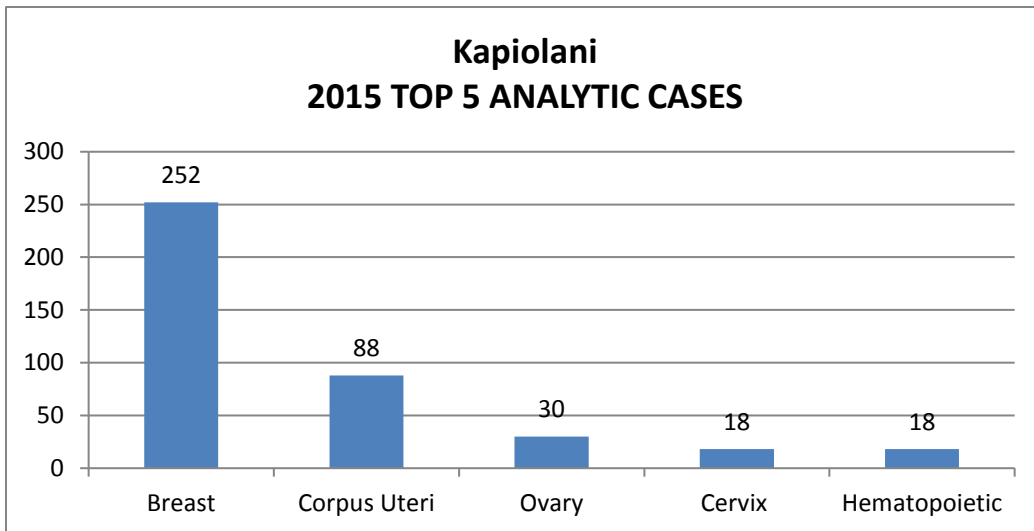
Registry data from the 2015 year demonstrates that as a system a total of 1,978 analytic cases across Hawai'i Pacific Health. As shown below, breast cancer continues to be the most commonly diagnosed cancer type across the system. Although, breast cancer remains the top cancer type at each hospital, each of the four medical centers have a unique and diverse population base. This is reflected in the differences in the top five analytical case volumes (or most commonly seen cancer types) seen at each cancer center.



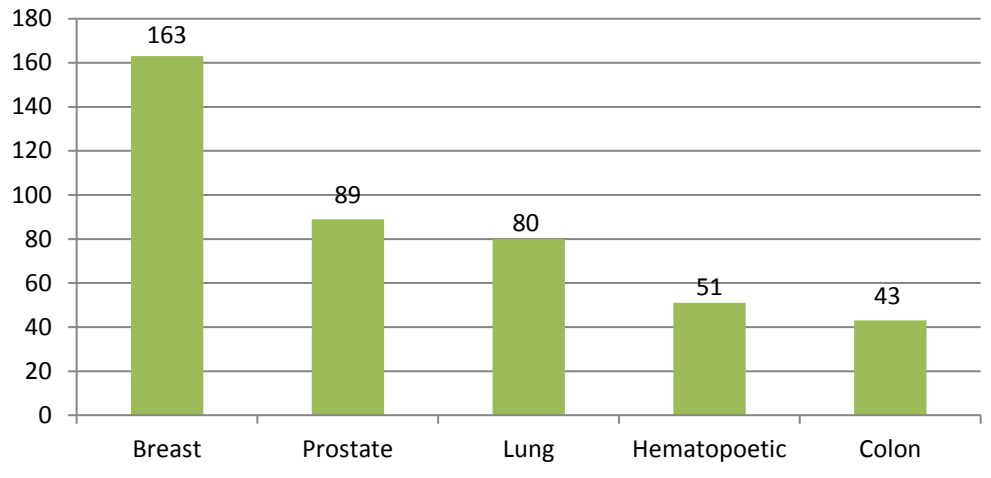
Cancer Volume by Hospital Location

Cancer types at each hospital within the Hawai'i Pacific Health system vary based on patient populations, the location of the hospital and the surrounding community that the medical center serves. In this section, the top five analytical cases for each hospital is reviewed. These are reflective of the five most common cancer types seen at each

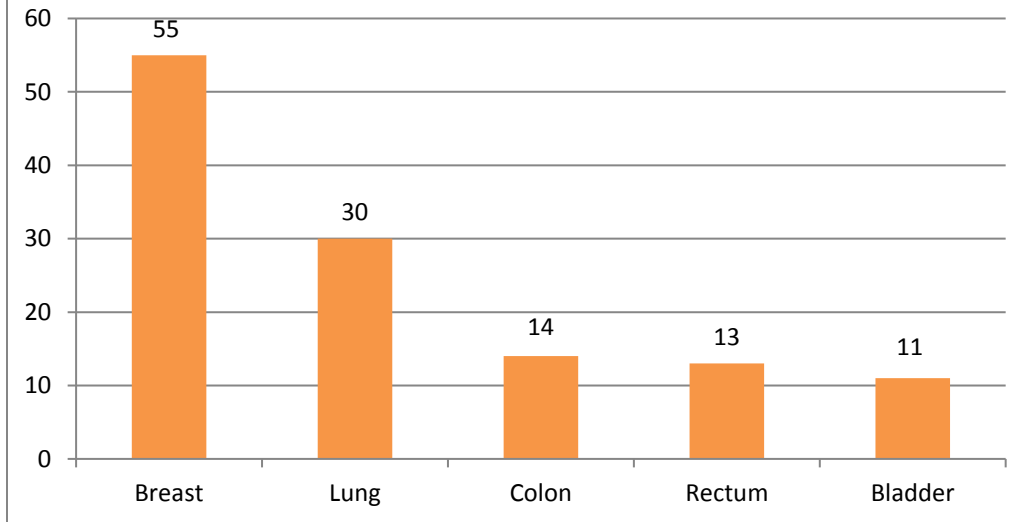
hospital and do not reflect all cancer case volume and cancer case types at each location. The following graphs identify the top cases at each site.



**STRAUB
2015 TOP 5 ANALYTIC CASES**



**WILCOX
2015 TOP 5 ANALYTIC CASES**



Community Education that Counts: (KMCWC, SMC, PMMC, WMC - Commission on Cancer Standard 4.1)

At the 2016 Annual Kids Fest held on October 30th, that is attended by over 5000 Keiki, in collaboration with pediatricians from Straub Medical Center, Hawai'i Pacific Health Cancer Centers provided education to over 300 parents about the importance of the HPV vaccine in an effort to increase rates of vaccination and decrease rates of associated head and neck and cervical cancers. Kids learned about the role vaccines play to prevent all disease. In this shoot out style booth, kids aimed for the diseases that vaccines are targeted to fight against. During activities, parents were provided education about all vaccines, timing and the important role the HPV vaccine plays in cancer prevention later in life.



Leading the way to catch Lung Cancer early: (SMC - Commission on Cancer Standard 4.2)



In the state of Hawai'i, Lung Cancer is the leading cause of cancer related deaths. The American Cancer Society has estimated that in 2016, 570 people in Hawai'i will die of Lung Cancer and there will be 740 new cases in the state. To reduce these rates,

the team at Straub Medical Center initiated their Low-Dose Lung CT program. Already an accredited Gold Seal member of the American College of Radiology, in 2016, SMC became a designated Designated Lung Cancer Screening



Center. This designation allows them to provide screening to eligible participants who are between the age 55-77, have no signs of lung cancer but have a tobacco smoking history of at least 30 pack-year (pack-



year=number of packs smoked x number of years smoked; 1 pack=20 cigarettes), current smokers or one who had quit within the last 15 years. SMC concluded that they have over 2000 existing patients that could benefit from this program based on risk factors. To promote this screening measure, team members developed tools to alert physicians when patients are eligible for screening. Since January 2016, they have completed 90, with 3 having suspicious findings that will be monitored and tested. Straub will continue to promote this program and work with Partners at Pali Momi Medical Center to grow this program and develop in West O'ahu.

Sharing this resource with the community, members of the SMC team participated in the Lung Force Walk where over 350 participants had the opportunity to learn about Smoking Cessation, the risk factors associated with Lung Cancer, and the high risk screening that identifies those eligible for Low Dose Lung CT.



First in the State: (SMC - Commission on Cancer Standard 4.2)

Colorectal cancer is the second leading cause of cancer death in the United States among men and women combined. October 6th, 2016, Straub Medical Center was the first cancer program in the state to join the national effort to get 80% of adults ages 50 and older regularly tested for colon cancer by 2018. The National Colorectal Cancer Roundtable initiative is committed to eliminating colorectal cancer as a major public health problem. Dr. Ian Okazaki, Department Chief, Medical Oncology, and Dr. Donald Saelinger, Department Chief, Gastroenterology signed the commitment presented by the American Cancer Society to make colorectal cancer screening a high priority, monitor and report system-wide screening rates, educate the community about the importance of screening. In November of 2016, SMC reported that out of the 27,514 Colonoscopy or IFOBT providers had completed 21,653 representing an already achieved 75% success rate with providers of Hawai'i Health Partners. In 2017, Straub Medical Center hopes to continue to work hard to achieve 80%, meeting the commitment by 2018.

Pictured Left to Right: Tracey Hewitt, Manager Medical Oncology; Dr. Ian Okazaki, Medical Oncology Department Chief; Courtney Schwartz, American Cancer Society; Dr. Donald Saelinger, Gastroenterology Department Chief; Elizabeth Blasiak, Director of Oncology Service Line; Julio Zamarripa, Manager Gastroenterology.

(Alternative image)



In addition, Colorectal Cancer awareness was a priority for Wilcox Medical Center. The 2016 Community Needs Assessment identified Colorectal Cancer as an area of concern on Kaua‘i as it indicates that colon with rates for Kaua‘i County higher than state or national rates. On March 19, 2016, Dr. Coleman did a presentation on “The importance of early detection of Colon Cancer” to address cancer prevention. There was a total of 52 people who attended the presentation. Of the 52 attendees, 14 people were eligible for screening and 6 people were screened and all were cleared with the exception of 1 person who was put on a 3 year surveillance plan. (WMC - Commission on Cancer Standard 4.1/4.2)

Breaking New Ground for West Oahu:

A groundbreaking ceremony was held for the new Hawaii Pacific Health Cancer Center at Pali Momi Medical Center. The center, which is being built in partnership with the Cancer Center of Hawaii, will provide comprehensive cancer care including diagnosis, treatment and support services in one convenient and centralized location for Central and West Oahu residents. "The need for comprehensive and coordinated cancer care continues to increase in our community," said Pali Momi Medical Center Chief Medical Officer James Kakuda, MD. "It's unfortunate that cancer continues to impact so many lives, but the advancements in technology and treatments are helping more people fight this disease. We're proud that Pali Momi can provide access to this type of care for our patients and appreciate our partnership with the Cancer Center of Hawaii to help make our vision for this cancer center at Pali Momi a reality."



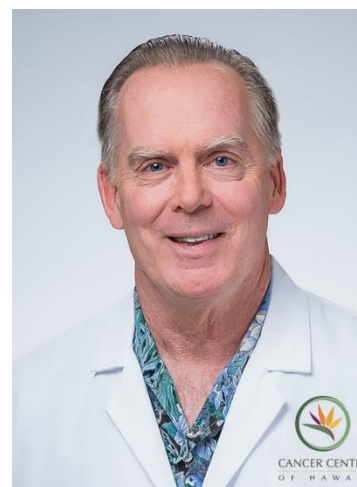
The center will be located on the ground level of the Downtown Parking Garage at Pearlridge Center. The 24,000-square-foot space will be renovated to provide a central space for coordinated cancer care and support services, including physician consultations, radiation oncology therapy, infusion therapy and cancer navigation services. Additional amenities include ample parking as well as free shuttle service and easy access to and from Pali Momi Medical Center.



"We are very pleased to be partnering with Hawaii Pacific Health and Pali Momi Medical Center to provide access to new technology and services that have not previously been available on this side of the island," said Cancer Center of Hawaii Founder John Lederer, MD. "The Cancer Center of Hawaii has been providing radiation therapy treatment for cancer patients for more than 20 years, and we appreciate this opportunity

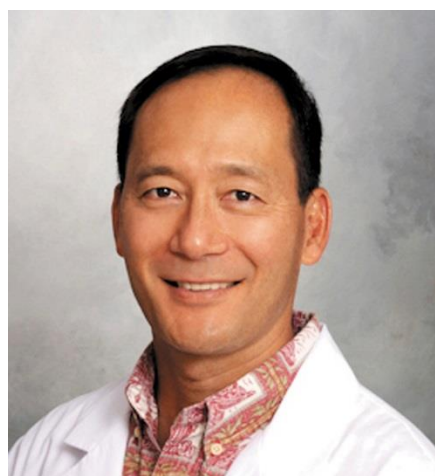
to extend our services to reach more patients and work side by side with our medical oncology and surgical oncology colleagues at Pali Momi."

The center will be designed and completed in multiple phases. Phase I, which is anticipated to be completed in October 2017, will include radiation oncology therapy, physician offices, a conference center, and common areas featuring an inspirational Wall of Hope. Phase II will include infusion services with an estimated opening in the fall of 2018. Future phases will be designed based upon specific community needs.



Our Caregivers are Heroes and Providers of Hope:

Dr. Ian Okazaki was awarded the honor of being named a **2016 Hawai'i Health Care Hero** by The Hawai'i Health care Association. Nominated by Russell Choriki for the care he provided to his wife Viola Sagon-Choriki. In the late 1990's, Viola was first diagnosed with breast cancer and that cancer eventually went into remission. However, in June 2010, Viola was diagnosed with a type of blood cancer. Viola wanted a different



doctor and was recommended to Dr. Ian Okazaki. From the beginning, her doctor's visits were very different, her husband called them "Soothing really". "Anytime my wife had something, she'd question, he'd either have the answer or he'd find out and it was really good because he went down to our level and explained exactly what it was"

Mr. Choriki said there were three traits they loved about him; knowledge, being humble and listening.

Dr. Okazaki was honored with this award and commented, "You know although I was singled out, I would actually like to credit the entire team; as you know when it comes down to cancer and the diagnosis and the treatment; it requires a whole team of experts to get people through it, there's a lot of anxiety involved and a lot of that anxiety does melt away once you know that there is support behind you and things are being taken care of." It's truly an example of how a doctor doesn't only treats his patients' health problems, but cares for them as well.

On August 19th, 2016, the **2017 Mana'olana, or Nurse of Hope** was awarded to Darcy Attisani, RN III, OCN, CHPN from Wilcox Medical Center. This award is presented each year to an oncology nurse in Hawaii by the Oncology Nursing Society Hawaii (Oahu) Chapter. Nationally, this award is known as the nurse of Hope, in Hawaii, The Mana'olana contributes in multiple ways to the oncology nursing community to improve the care of patients and their families by inspiring HOPE. The trophy will prominently sit at Wilcox for the coming year. Several previous winners have been from HPH, but we are proud to send this award to Kauai as Darcy was recognized for her work in both oncology and palliative care nursing. Darcy is not only a valuable member of Wilcox's oncology care team, but her care and expertise extended far past the Hawai'ian Islands as she was recognized for laying the foundation for a Palliative Care program in Bhutan. She has also implemented safe, evidenced based practices in



the Wilcox Medical Center Infusion Center. Other 2016 HPH nominees included: Nicholas Aina, RN APHON from Kapiolani, Aimee Tomimoto, RN CPON from Kapi'olani Medical Center for Women and Children, and Stan Setoda, RN, OCN, from Straub Medical Center.

Breast Cancer at Care Hawai'i Pacific Health: ([KMCWC - Commission on Cancer Standard 4.1/4.2](#))

Hawai'i Pacific Health is proudly home of two Nationally Accredited Breast Programs (NAPBC). The programs are dedicated to improving the quality of care for patients with diseases of the breast. Receiving breast care at Hawai'i Pacific Health you can be assured that is held to the highest standards of care.

Providing fun-filled events that include manicures, massages, makeovers but most importantly mammograms are done at both of our Nationally Accredited Breast Centers.

At Pali Momi Medical Women's Center, their popular "Girls Night Out" attract many women from West O'ahu. While at Kapi'olani Medical Center for Women and Children's Women Center offers "Celebrate Me" in town. In 2016, 172 women attended the "Celebrate Me" events provided by Kapi'olani.



**NATIONAL ACCREDITATION PROGRAM
FOR BREAST CENTERS**



Beyond Breast Cancer:

Physicians and leaders from both The Pali Momi Women's Center team and their colleagues from the Kapiolani Women's Center came together for a special ceremony at Honolulu Hale in recognition of Breast Reconstruction Awareness Day (BRA Day). The

proclamation presentation was made in the spirit of educating women about their options and their right to reconstructive surgery after breast cancer. Many women who have undergone a mastectomy or lumpectomy are not aware of their reconstruction options available to them.

Through this proclamation we hope to

increase awareness about Breast Reconstruction post cancer care. On October 19th,

BRA Day, Pali Momi held an awareness event to 75 attendees. At the event, 8

screening mammograms were performed with thankfully no breast cancers untimely

found. (PMMC - Commission on Cancer Standard 4.1/4.2)

