2016 Cancer Program
Annual Report
With 2015 Cancer Registry Data
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This report features data and information regarding cancers diagnosed and treated at the Orange Coast Memorial Medical Center, with a special focus on navigation services along the continuum of care—and beyond hospital walls. Designed for physicians and interested patients, this information demonstrates the patient-centered, high-quality approach to care that Orange Coast Memorial patients receive.
As Chair of the Cancer Committee at Orange Coast Memorial, I am proud to highlight that we have escalated our focus on improving the cancer patient care experience. While we have remained diligent in our dedication to ensure patient-centric cancer programs and services through our interdisciplinary support, with a well-integrated and collaborative team that provides wrap-around care from prevention to end of life care, we have witnessed the most gratifying outcomes for patients and physicians through expanded navigation services.

This dedication to patient-centered care is evident in our growing navigation services program that has grown in the number, reach, and impact of community education programs and events—including corporate wellness programs, health fairs, and onsite education to community-based social clubs and organizations. Our highly dedicated, productive, and effective Oncology Nurse Navigator, Robin Philips, RN, MSN, PHN, has provided direct patient education and care coordination, tracking of incidental lung nodules, and follow-up with high-risk patients and those treated with EBUS or surgery.

In fact, we can contribute much of the rapid growth in low-dose CT lung screenings and EBUS procedures to promote good lung health and earlier detection of lung cancer to this steady focus on navigation services. While our Oncology Nurse Navigator has been the decided “champion” of patient-centered care, we cannot so narrowly define navigation services because our success in this area can be directly attributed to an interdisciplinary team approach that has included a legion of “foot soldiers” representing Oncology Administration, Marketing, Research Coordination, Genetic Counseling, Medical Staff, nursing students and volunteers, trusted community partners and champions such as our Community Advisory Council.

While keeping our focus on what matters most to cancer patients, we strive to be more accountable, accessible, and aligned with our patients and their referring physicians. Among the needs that cancer patients have openly and repeatedly addressed is access to clinical trials and advanced technology, higher-quality of service delivery, better communication/collaboration between their various specialists and primary care physician, more resources for survivorship care (financial, psychosocial, long-term symptom management, etc.) —including end-of-life services—and demonstration and/or evidence of clinical excellence. The MemorialCare Cancer Institute at Orange Coast Memorial has delivered on these requests over the past year with the following service offerings, performance outcomes, and strategic initiatives:

- Ongoing distribution of funds to support select patient needs from our “March for Hope” fund
- Delivery of individualized survivorship care plans and ongoing resources to support cancer patients on their unique journeys
- More engagement and participation by physicians in research protocols and accrual of patents to clinical trials
- Active participation by Cancer Institute leadership in supporting restructuring of research administration to build a more robust research function for MemorialCare Health System
- Launch of the Orange Coast Memorial Research Project Evaluation Committee (OCM R-PEC) that is chaired by our director of oncology programs and includes a multidisciplinary team of representatives throughout the medical center
- Successful re-accreditation of the MemorialCare Breast Center as a designated program, with 3-Year Full Accreditation, by the National Accreditation Program for Breast Centers (NAPBC)
- Orange Coast Memorial Medical Center was designated as a Lung Cancer Center of Excellence by the American College of Radiology (ACR).
- The Cancer Institute has continued its successful implementation of the Commission on Cancer (CoC) Rapid Quality Reporting System (RQRS) since its initiation in 2014
- Successful completion of the 2016 Consolidated Accreditation and Licensure Survey (CALS) by The Joint Commission—no citations in the Breast Center, Infusion Center, or Inpatient Oncology Unit
As I reflect on our longstanding relationships with generous donors and community partners, I am reminded of how events such as “Fall Festival for Life,” “March for Hope,” and “Fight with Grace” have not only brought resources for funding advanced technology, financial support to patients at their most vulnerable times, and fun-filled gatherings for all to be made more aware of the impact of cancer, but these events have also graced our Cancer Institute with meaningful relationships that have enriched everyone’s quality of life and will carry us forward to the next wave of growth in developing our cancer programs.

Given our notable track record in outcomes and survivorship, we will boldly move forward with the Community Advisory Council, American Cancer Society, Ferragamo Foundation, Vietnamese American Cancer Foundation (VACF), and renewed and growing corporate partners to focus more over the next year on quality of life and survivorship for a growing legion of cancer survivors, as well as expanding navigation services to other tumor sites and special populations. We welcome and encourage your commitment on our journey towards “Excellence in Health Care - Exceptional People. Extraordinary Care. Every Time.”

In partnership,

Julio A. Ibarra, M.D.
Orange Coast Memorial Cancer Institute
2016 Cancer Committee Members

Thomas Asciuto, M.D.
Pulmonary Medicine
Medical Director, Critical Care and Pulmonary Services

Cindy Callaghan
Director, Imaging Services and Breast Center

Lynne Daniels, LCSW
Oncology Psychosocial Coordinator

John Fenger
Manager, Rehabilitation Services

Deborah Fridman, RN, MS
Research Program Director, Todd Cancer Institute

Asif Harsolia, M.D.
Radiation Oncology

Stan Hill, PharmD
Director, Pharmacy

Rosemary Holtzman, MBA
Manager, Patient Safety & Infection Control

Erin Hotra-Shinn
Vice President, Strategy & Business Development

Julio Ibarra, M.D.
Chair, Cancer Committee
Director, Pathology
Medical Director, Pathology OCMBC

Jack Jacoub, M.D.
Cancer Liaison Physician
Medical Director, Thoracic Oncology Program

Jamie Jernigan, CTR
Cancer Registrar

Jane Kakkis, M.D.
Medical Director, Surgery OCMBC
General Surgery

Shela Kaneshiro, MBA, RN, CPHQ
Vice President of Nursing Chief Nursing Officer

Barbara Kingsbury, RN
Oncology Nurse Educator

Marie M. La Fargue, MPH
Director, Oncology Programs

Marylynn Dike
American Cancer Society, Senior Manager, Hospital Systems

Jenny Mendola, MSN, RN, OCN
Director, Oncology Services

Bichlien Nguyen, M.D.
Medical Director, Research, OCMBC
Medical Oncology

Chi Nguyen, CCRC, CCRP
Clinical Research Associate II

Joanne O’Heany
Director, American Cancer Society Information Center

Robin Phillips, RN, MSN, BSN
Nurse Navigator

Ajmel Puthawala, M.D.
Radiation Oncology

Emily Randle
Chief Operating Officer

Jessica Rayhanabad, M.D.
General Surgery

Richard Reitherman, M.D.
Medical Director, Imaging, OCMBC Radiology

Homayoon Sanati, M.D.
Medical Director, Breast Center Medical Director, Palliative Care Program

Suellen Skow
Administrative Assistant, Oncology

Trish Stines, CTR
Cancer Registry Coordinator

Dale Vital, RN, BSN, MBA
Vice President Nursing Chief Nursing Officer
Retired December 2016

Collin Vu, M.D.
Medical Oncologist

Richard Wasley, M.D.
Director Radiology Chair, QA/QI Committee

Diane Woods, RN
Breast Center Nurse Coordinator

Shela Kaneshiro, MBA, RN, CPHQ
Vice President of Nursing Chief Nursing Officer

Barbara Kingsbury, RN
Oncology Nurse Educator

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Medical Director, Imaging, OCMBC Radiology

Homayoon Sanati, M.D.
Medical Director, Breast Center Medical Director, Palliative Care Program
A Message from the Director of Oncology Programs
Marie M. La Fargue, MPH

Our focus at the MemorialCare Cancer Institute is to build programs and services based on what cancer patients actually want rather than what we believe is best for them. This patient-centered approach is a seed well planted in the current landscape of cancer care. Significant research from multiple sources, including The Advisory Board Company, the Association of Community Cancer Centers and numerous nursing and medical journals, have highlighted the paradigm shift of cancer patients transforming into cancer consumers. This evolutionary change means that patients want choice; will make changes in providers based on perceptions of quality; demand a greater stretch in service delivery by healthcare organizations; and will voice—often publicly on consumer advocacy websites—their dissatisfaction when needs are not met or they feel shuffled in what can be a maze of cancer care.

Regardless of the study, source, or journalistic viewpoint, the following patient needs have been repeatedly and consistently identified for cancer patients:

- Multidisciplinary care involving treatment planning between all appropriate specialists who communicate in a well-coordinated manner—with the patient and primary care physician
- The best chance for cure, cancer control, or an optimal quality of life once cancer is diagnosed
- Multiple options in prevention, advanced technology, and lifesaving and/or life-extending clinical trials. It is important to note that an additional 6 months or more may seem futile to someone who is not on a personal cancer journey, but this resuscitation may mean the world to a patient who has loose ends to tie up in life.
- Supportive services to help alleviate the harsh realities of cancer treatment—symptom management, psychosocial stressors including financial loss, and long-term side effects

In varied and creative ways the interdisciplinary MemorialCare Cancer Institute team—which includes a Community Advisory Council fortified with cancer survivors—has answered this national call to action from cancer patients by taking a deeper dive in smoothing the waters of navigation services. Navigation services, typically championed by a nurse navigator, has a broader and more inclusive meaning and reach when housed in an environment and culture of care that embraces collaborative practice.

Nurse navigation throughout the United States has helped to alleviate psychosocial barriers and reduce healthcare disparities. This task is daunting and calls on too much time, too many hands, and the inability to take on a supernatural gift and be omnipresent. These challenges inspired our team to find resourceful and innovative solutions to ensuring navigational support that resulted in the following highlights:

- Launch of a volunteer navigation assistant program where volunteers who are interested in pursuing healthcare careers provide support to the oncology nurse navigator in clerical duties, data collection, filing, and errands throughout the medical center while gaining exposure and insight into the impact of cancer on patients/families
- The Director of Oncology Programs led a Grand Rounds presentation titled “The Ideal Cancer Patient Experience” where OCMMC cancer patients presented to our medical staff on what would make their experiences ideal.
- An interdisciplinary survivorship work group convened to develop a charter statement and proposal for survivorship care program development.
A Message from the Director of Oncology Programs
Marie M. La Fargue, MPH

- The Cancer Institute’s trusted partnerships with the Vietnamese American Cancer Foundation (VACF), The GREEN Foundation, and community-based organizations has helped to build community--based navigation services and extended help with supportive services for patients beyond the walls of the medical center.
- Ongoing support and organization of numerous cancer prevention and screening events—skin cancer screening, colorectal cancer screening, clinical breast examinations (CBE), etc.
- Highlighting active primary care physicians in a “Lung Health Champion” program to recognize their commitment to early detection of lung cancer through low-dose CT lung screening
- A growing partnership with the VACF that has resulted in benchmark events such as lung health community-based lecture that attracted 300 people in an initial effort and a series of colorectal screening events that increased to attendance of 155 people.

While the waters in healthcare appear to be unpredictable and present frequently choppy seas ahead, our compass is precisely calibrated to focus on navigation services and high-quality, patient-centered delivery of care as our horizon and ultimate destiny. Staying on course and keeping in mind that our patients are our precious cargo will eventually lead us to outcomes of epic proportions rather than a “Titanic” experience.

In search of the perfect cancer care experience,

Marie M. La Fargue, MPH
The role of the cancer liaison physician is to spearhead Commission on Cancer (CoC) initiatives within Orange Coast Memorial’s Oncology Program; collaborate with national agencies, such as the American Cancer Society, and various community-based organizations; and facilitate quality improvement initiatives building upon data submitted to the Commission on Cancer’s National Cancer Database. Our efforts are a reflection and extension of Orange Coast Memorial’s Community Health Needs Assessment and synergistically align with the goals of our interdisciplinary team of physicians and ancillary members who comprise our cancer program committees. These dedicated physicians and allied health professionals collaborate to find strategies to eliminate cancer and reduce the burden that it places on our patients, their loved ones, and our diverse communities.

Prevention and Early Detection through Education and Screening

We work together with our partners—patients, physicians, community partners, and professional thought leaders—to promote and provide education on cancer prevention and early detection. Through our collaborative partnerships with community-based organizations, involvement in community wellness programs, individual counseling and support to patients and families, and sharing information through written collateral materials, media, and other forums, we empower our patients with credible information to make lifestyle changes that might help prevent or reduce the risk of cancer. Our strong commitment and effectiveness are evident in the following schedule of events:
## Cancer Institute Community Outreach & Education

### January 2016

<table>
<thead>
<tr>
<th>Who</th>
<th>What</th>
<th>When/Where</th>
<th>Outcome</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr. Asif Harsolia, Dr. Julio Ibarra, Dr. Jack Jacoub, Dr. Jane Kakkis, Dr. Bichlien Nguyen, Dr. Richard Reitherman, Dr. Homayoon Sanati</td>
<td>Komen Education Lecture Series</td>
<td>January 28, 2016 6-8 p.m. OCMMC Conference Room A</td>
<td>45 attendees</td>
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### February 2016

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<tr>
<th>Who</th>
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<th>Outcome</th>
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<tbody>
<tr>
<td>Dr. Philip DiSaia</td>
<td>Oncology Grand Rounds: “How Do Clinical Trials Directly Benefit Your Patients and How Can You Get More Involved in Accruals?”</td>
<td>February 11, 2016 12:30-1:30 p.m. OCMMC-South Conf. Room</td>
<td>27 attendees</td>
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### March 2016

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<th>Who</th>
<th>What</th>
<th>When/Where</th>
<th>Outcomes</th>
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<tbody>
<tr>
<td>Cancer Institute Community Advisory Council</td>
<td>Fundraiser for Cancer Patient Services “March for Hope”—featuring a survivor story presentation</td>
<td>March 13, 2016 11 a.m. Center Club–Costa Mesa</td>
<td>160 attendees</td>
</tr>
<tr>
<td>Barbara Kingsbury, RN</td>
<td>Journal Club: Seven “Sacred Cows”</td>
<td>March 9, 2016 11:30 a.m.</td>
<td>7 attendees</td>
</tr>
<tr>
<td>Dr. Robert Morgan</td>
<td>Oncology Grand Rounds “Ovarian Cancer Update”</td>
<td>March 10, 2016 12:30-1:30 p.m. OCMMC-South Conf. Room</td>
<td>29 physicians 7 attendees</td>
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### April 2016

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<tr>
<th>Who</th>
<th>What</th>
<th>When/Where</th>
<th>Outcomes</th>
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</thead>
<tbody>
<tr>
<td>Dr. Sirus Farivar</td>
<td>Oncology Grand Rounds: “Update on Colon Cancer &amp; Polyps”</td>
<td>April 14, 2016 12:30-1:30 p.m. OCMMC-South Conf. Room</td>
<td>28 physicians 14 attendees</td>
</tr>
<tr>
<td>Dr. Homayoon Sanati</td>
<td>Palliative Care</td>
<td>April 21, 2016 Surf City Senior Group Huntington Beach, CA</td>
<td>45 attendees</td>
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## May 2016

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<tr>
<th>Who</th>
<th>What</th>
<th>When/Where</th>
<th>Outcomes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Orange Coast Breast Center</td>
<td>“Fight With Grace”—Fundraiser and community awareness to benefit breast cancer patients</td>
<td>May 7, 2016 11 a.m.-2 p.m. The Turnip Rose, Costa Mesa</td>
<td>190 attendees</td>
</tr>
<tr>
<td>Dr. Ann Mohrbacher</td>
<td>Oncology Grand Rounds “Non-Hodgkins Lymphoma”</td>
<td>May 12, 2016 OCMMC-South Conf. Room</td>
<td>22 physicians 10 attendees</td>
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## June 2016

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<th>Who</th>
<th>What</th>
<th>When/Where</th>
<th>Outcomes</th>
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<tbody>
<tr>
<td>Dr. Tam Le</td>
<td>Colorectal Lecture and Screening</td>
<td>June 2, 2016 6-8 p.m. OCMMC-Conference Rooms A-D</td>
<td>100 attendees</td>
</tr>
<tr>
<td>Dr. Bich Lien Nguyen</td>
<td>Clinical Breast Exam and Education</td>
<td>June 7, 2016 8 a.m.- Noon</td>
<td>45 attendees</td>
</tr>
<tr>
<td>VACF</td>
<td>Skin Screening</td>
<td>June 12, 2016 8 a.m.-1:30 p.m.</td>
<td></td>
</tr>
<tr>
<td>Dr. Kathleen Blazer</td>
<td>Grand Rounds: “Genetic Cancer Risk Assessment: Who Should be Tested?”</td>
<td>July 14, 2016 12:30 p.m. OCMMC-South Conf. Room</td>
<td>25 physicians 10 attendees</td>
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## July 2016

<table>
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<th>Who</th>
<th>What</th>
<th>When/Where</th>
<th>Outcomes</th>
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<tbody>
<tr>
<td>Dr. Finly Zachariah</td>
<td>Grand Rounds: Palliative Care</td>
<td>July 21, 2016 12:30-1:30 p.m. OCMMC-South Conf. Room</td>
<td>22 physicians 8 other attendees</td>
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</tbody>
</table>
### August 2016

<table>
<thead>
<tr>
<th>Who</th>
<th>What</th>
<th>When/Where</th>
<th>Outcomes</th>
</tr>
</thead>
<tbody>
<tr>
<td>VACF</td>
<td>Hepatitis B &amp; C Screening</td>
<td>August 14, 2016 8 a.m.-1 p.m. OCMMC-Infusion Center</td>
<td>204 people screened 109 female 95 male  At Risk: + Hep B 7  At Risk: + Hep C 11 None Weak to Immunity of Hep B=65 Not at Risk: - for Hep B&amp;C; has Hep B Immunity 121 Age Ranges: 65-80=121 40-64=111 18-39=21</td>
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### September 2016

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<th>Who</th>
<th>What</th>
<th>When/Where</th>
<th>Outcomes</th>
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<tbody>
<tr>
<td>Robin Philips, MSN</td>
<td>Smoking Cessation Classes</td>
<td>September 1, 8, 15, 22, 26, 29, October 6, and October 13 18111 Brookhurst St. Suite 4300 FV, CA –Cancer Conference Room</td>
<td>Cancelled</td>
</tr>
<tr>
<td>Marie La Fargue, MPH and 4 OCM cancer survivors</td>
<td>Grand Rounds: “The Ideal Cancer Patient Experience: Lessons from the Patient Perspective”</td>
<td>September 8, 2016 12:30 p.m. 18111 Brookhurst St. Suite 4300</td>
<td>23 physicians 16 attendees</td>
</tr>
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</table>

### October 2016

<table>
<thead>
<tr>
<th>Who</th>
<th>What</th>
<th>When/Where</th>
<th>Outcomes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr Richard Reitherman Dr. Homayoon Sanati</td>
<td>Breast Cancer: Prevention, Screening, and Recent Research</td>
<td>October 12, 2016 6-7:30 p.m.</td>
<td>Postponed</td>
</tr>
<tr>
<td>Dr. Bichlien Nguyen</td>
<td>Clinical Breast Exams, Consultation and Workshop</td>
<td>October 16, 2016 1-4 p.m. Infusion Center</td>
<td>86 participants Abnormal: 13 Normal: 73 Mammogram 6 U/S: 2 Mammogram &amp; U/S: 18 Referral to specialist: 1 Biopsy: 0</td>
</tr>
<tr>
<td>Gina Solis, RT Donna Ramaekers, RT</td>
<td>Better Breathers Club-Support Group</td>
<td>October 19, 2016 December 14, 2016</td>
<td>21 attendees</td>
</tr>
</tbody>
</table>
Survivorship Care and Patient Navigation Services

Our strong commitment to outreach and education are evident in the schedule of events for the MemorialCare Cancer Institute. Our interdisciplinary team has engaged and deployed our Community Advisory Council, patients, a special work group dedicated to survivorship care development, our medical champions, external oncology thought leaders, and community partners to help us prioritize our expertise, time, talents, and resources on what activities, services and programs will optimize the patient care experience.

While our active and effective treatment planning conferences have been a hallmark component of our effectiveness as a cancer program, navigation services have proven to be critical in improving the patient experience—from the diagnosis and treatment of cancer to the ongoing (in some cases lifetime) surveillance and support offered after the completion of definitive treatment. In 2016, more than 3,000 members of our community participated in monthly support group meetings and community outreach activities sponsored by Orange Coast Memorial Medical Center such as a 150-member MemorialCare team at the 2016 Susan G. Komen “Race for the Cure,” our annual “Fall Festival for Life” health and information fair that includes educational materials, ask the expert discussions, preventive screenings, and a day of fun-filled activities. We recognize that navigation to our high-quality services often begins in our extended reach—into diverse communities—to better educate patients about cancer prevention, treatment, and quality of life in survivorship.

The following diagrams, graphs and poster (condensed from a poster session at the California Colorectal Cancer Roundtable), highlight the creativity, collaboration, cultural sensitivity, and consistently effective outcomes in utilizing navigation—nurse, lay, and community-based—to provide wraparound care for two tumor type populations within our cancer program—lung and colon. The growth projections in low-dose CT lung screenings, EBUS, and Vietnamese population colorectal screenings are evidence of the impact of building upon interdisciplinary care, engaging well-trained volunteers (when appropriate), designing a map for coordinated cancer care, and understanding the power in truly collaborative partnerships.

Commission on Cancer (CoC) Accredited Cancer Program & National Cancer Database

Cancer programs that are accredited by the Commission on Cancer submit cancer data to a National Cancer Data Base (NCDB). This process allows an organization to conduct the baseline for Performance Improvement initiatives by comparing its treatment of cancers by stage and site in line with national and
state treatment averages. The NCDB has developed Cancer Program Practice Profile Reports (CP3R) that look at specific quality of care indicators for the major cancer sites.

In this year’s report we chose to highlight the importance of navigation services because it can prove to be a key driver in improving better outcomes through education about preventive lifestyle changes, earlier detection, coordination of critical screening services, education to ensure compliance to treatment, reminders about surveillance, support in elimination of psychosocial barriers, facilitation to other necessary services such as genetic counseling, access to clinical trials, social services, and symptom management. In addition, partnering with community-based organizations can help to address challenges such as meeting the needs for culturally relevant services and navigation support beyond the walls of the medical center to ensure that patients do not fall between the gaps along the continuum of care. Also, over time the early and consistent intervention of nurses guiding supportive lay navigators will help the organization sail to a port of earlier detection rates and improved survival outcomes on our quest for enhanced quality of life.

OCMMC also participates in the Commission on Cancer’s Rapid Quality Reporting System (RQRS). This system is a reporting and quality management tool that provides real clinic time assessment of hospital level adherence to National Quality Forum (NQF)-endorsed quality of cancer care measures for breast and colorectal cancers.

Rapid Quality Reporting System was developed to assist Commission on Cancer accredited cancer programs in promoting evidence-based cancer care at the local level. It is a web-based, systematic data collection and reporting system that advances evidenced-based treatment through a prospective alert system for anticipated care which supports care coordination required for breast and colorectal cancer patients in participating cancer programs.
OCMMC Cancer Incidence by Primary Site

<table>
<thead>
<tr>
<th>Cancer Site</th>
<th>Incidence</th>
</tr>
</thead>
<tbody>
<tr>
<td>BREAST</td>
<td>178</td>
</tr>
<tr>
<td>LUNG</td>
<td>93</td>
</tr>
<tr>
<td>COLON</td>
<td>70</td>
</tr>
<tr>
<td>LEUKEMIA</td>
<td>42</td>
</tr>
<tr>
<td>CORPUS UTERI</td>
<td>34</td>
</tr>
<tr>
<td>NON-HODGKIN'S LYMPHOMA</td>
<td>34</td>
</tr>
<tr>
<td>BLADDER</td>
<td>33</td>
</tr>
<tr>
<td>THYROID</td>
<td>32</td>
</tr>
<tr>
<td>PROSTATE</td>
<td>29</td>
</tr>
<tr>
<td>RECTUM &amp; RECTOSIGMOID</td>
<td>24</td>
</tr>
<tr>
<td>PANCREAS</td>
<td>22</td>
</tr>
<tr>
<td>KIDNEY &amp; RENAL PELVIS</td>
<td>21</td>
</tr>
<tr>
<td>LIVER</td>
<td>21</td>
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<tr>
<td>STOMACH</td>
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<tr>
<td>OVARY</td>
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<tr>
<td>UNKNOWN PRIMARY SITE</td>
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<td>MYELOMA</td>
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<tr>
<td>BRAIN</td>
<td>11</td>
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<tr>
<td>MELANOMA OF SKIN</td>
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<td>TESTIS</td>
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<td>SOFT TISSUE</td>
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<td>HODGKIN'S LYMPHOMA</td>
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<td>GALLBLADDER</td>
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<td>PERITONEUM,OMENTUM,MESENTRY</td>
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<td>BILE DUCT</td>
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<td>ESOPHAGUS</td>
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<td>ANUS, ANAL CANAL, ANORECTUM</td>
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<tr>
<td>CERVIX UTERI</td>
<td>2</td>
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<td>URETER</td>
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<tr>
<td>LARYNX</td>
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**Cancer Registry Report**

OCMMC’s cancer registry plays an important role in ongoing evaluation of cancer care. The cancer registry is a computerized data collection and analysis center that contributes to patient treatment planning, staging and continuity of care through data retrieval, annual analysis and long-term follow-up.

The OCMMC cancer registry submits data monthly to the California Cancer Registry for incidence reporting and cancer control data is also submitted to the Commission on Cancer for the National Cancer Database.
Navigation Process

Genetic Counseling
- Risk Counseling Services
- Genetic testing
- Risk reduction options/counseling

Clinical Research
- Provide updated protocol listing to Cancer Institute physicians.
- Education and informed consent from patients
- Register patients on studies, data collection and ongoing monitoring of patients
- IRB approval for all oncology studies

MD Office
- Discuss treatment options available to patient.
- Schedule procedures, tests, surgeries, etc.
- Refer patient to nurse navigator in EPIC, email, phone, or text
- Refer patient to other sub-specialties such as Rad/Onc, Med/Onc, IR, surgery, etc.
- Insurance Verification
- General patient education RE: Diagnosis/disease
- Follow-up visits scheduled
- Present cases to Treatment Planning Conference, Breast Tumor Board and General Tumor Board.

OCM Nurse Navigator
- Pre and Post-Operative treatment education
- Preparation for procedures, surgery, other treatment options
- Post-operative expectations and drain care, etc.
- Tour of OCMMC-Imaging, IR, Surgery, etc.
- Pain Management
- Supportive Services
- PT/OT referrals, Nutritional
- Symptom management
- Reinforce medications, dressings, and other issues of postoperative care
- Follow-up, teaching and monitoring
- Resource for family questions, etc.

Volunteer Navigation Assistant
- Support Nurse Navigators answering phones
- Assemble information packets
- Distribute/deliver materials
- File/sort documents
- All appropriate duties as assigned by Nurse Navigator

Oncology MSW
- Invite to various support groups
- Assist with finding financial resources/support
- Navigate to community based programs and services
“Nurse navigation assistants are the vital seeds for future nursing gardens. Each assistant who comes to our Cancer Institute will plant a new, diverse, and brilliant contribution to our blooming garden of nurse navigation services.” -Director of Oncology Programs, Marie M. La Fargue, MPH

Low Dose Lung CT Screenings by Calendar Year

<table>
<thead>
<tr>
<th>Year</th>
<th>Number of Initial Screening</th>
</tr>
</thead>
<tbody>
<tr>
<td>2014</td>
<td>60</td>
</tr>
<tr>
<td>2015</td>
<td>87</td>
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<tr>
<td>2016</td>
<td>158</td>
</tr>
<tr>
<td>2017</td>
<td>56</td>
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</tbody>
</table>
Building a Case for Community Collaboration Hospitals/Health Systems

Exceptional People. Extraordinary Care. Every Time.

MemorialCare IABC's

Integrity Accountability Best Practices Compassion Synergy

Alignment through highlighting strengths
- Clinical Excellence
- Cultural Competency
- Collaborative Community Participation
- Compassion
- Cost Effectiveness
- Care Coordination through Trust and Mutual Respect

Fliers (English and Vietnamese)

Four Key Messages
1. Do not duplicate efforts where there is proven strength.
2. Savings in human and financial capital when aligned.
3. Model is applicable to other tumor sites, markets and special populations.
4. Cultural competency holds the same value as clinical excellence when reaching underserved populations.

Opportunities
1. Navigation support beyond the walls of the medical center
2. Culturally relevant education and support can lead to greater compliance, less ER visits, less re-admissions, etc.

Outcomes
August 16, 2015
- 95 attendees
- 77 returned FIT kits
- 9 positive for Occult Blood

May 21, 2016
- 94 attended
- 72 returned FIT kits
- 9 positive for Occult Blood

February 12, 2017
- 115 attended
- 81 returned FIT kits
- 13 positive for Occult Blood
Orange Coast Memorial Medical Center is a 224-bed, full-service hospital and the only nonprofit hospital in the Fountain Valley and Huntington Beach area.

As a member of MemorialCare Health System, we are committed to health care excellence through best practice, evidence-based medicine. Our physicians study the best practices in health care from around the country and implement them here, resulting in innovative and effective treatments for our patients.

**Orange Coast Memorial Medical Center**  
**Cancer Program & Services**

**MemorialCare Breast Center**

The MemorialCare Breast Center is among the most highly regarded centers for breast care in the area. Our multidisciplinary team of highly acclaimed experts is completely dedicated to the prevention, early diagnosis and treatment of breast cancer.

**Services offered at the Breast Center include:**
- All-digital screening and diagnostic mammograms read by a radiologist dedicated exclusively to breast imaging.
- Coordinated imaging testing including: 3-D Mammography (Tomosynthesis), Breast Ultrasound, Breast MRI and Breast Biopsies
- Individualized risk assessment
- Second-opinion program
- High-risk program for women with family or personal history, prior to high-risk biopsies, or dense breast tissue
- Genetic counseling and testing
- Review of patient cases at weekly treatment planning conferences with multidisciplinary breast team
- Surgical services provided by dedicated breast specialists
- Breast cancer support programs
- DEXA bone density testing

Whether visiting our Breast Center for a routine mammogram or for more urgent needs, our patients find comfort in knowing they are supported by radiologists, pathologists, oncologists, surgeons, and allied health professionals who work side-by-side to provide comprehensive, coordinated care.

Our expert physician team remains current on research studies, treatment advances and quality of life enhancements for our patients. From digital mammograms and other diagnostic breast services like ultrasound, MRI and biopsy procedures to genetics, nutrition and psychosocial services, their primary focus is optimal individualized care for those with breast disease.

Tomosynthesis (3-D) mammography is the current state-of-the-art technology for imaging dense breasts. Tomosynthesis uses digital x-ray technology to capture multiple images of the entire breast from different angles to produce high-resolution, 3-D images, enabling radiologists to “see through” the dense breast tissue and find cancer that may be hiding within it. Tomosynthesis provides more accurate results with fewer false positives, thus lowering recalls while increasing cancer detection rates.
Radiation therapy has long been established as a highly-effective method for limiting the growth of, or completely eliminating, cancer. Our experienced radiation oncologists use advanced robotic radiation therapy technologies designed to deliver precise treatment to tumors while conserving the healthy tissue surrounding them. Available services include:

- **Accuray® CyberKnife**, a noninvasive, state-of-the-art, robotic, radiosurgery system that involves no cutting. It targets cancerous and non-cancerous tumors anywhere in the body. This technology provides a pain-free, non-surgical option for patients who have inoperable or surgically complex tumors, or those who refuse surgery, as well as shorter treatment cycle than traditional radiation therapy.

- **RapidArc® Linear Accelerator**, an innovative, fast and precise form of radiation therapy. Image-guidance improves tumor targeting and RapidArc provides a complete treatment in a single rotation of the machine around the patient, which takes less than two minutes. Using the system's advanced mapping and planning technology, clinicians can deliver a precise radiation dose that conforms to the shape of the tumor, thus reducing potential side effects.

- **High-Dose Rate (HDR) Brachytherapy**, an advanced form of internal radiotherapy. It places radiation inside a tumor, tightly focused within the site of the cancer. This technique ensures the maximum radiation dose is given where it is needed most. Brachytherapy often reduces the total treatment time. Side effects may also be reduced because HDR does not cause skin irritation or burning.

### Dedicated Oncology Inpatient Unit

Orange Coast Memorial Medical Center has a dedicated, 22-bed oncology unit staffed with highly trained and compassionate registered nurses - the majority of whom have been certified in oncology nursing by the Oncology Nursing Society (ONS). An integral part of our multidisciplinary treatment team at every stage of the disease process, these highly experienced oncology nurses provide care for symptom management and chemotherapy delivery. The unit has a dedicated clinical educator who provides specific educational programs, such as a chemotherapy course twice a year, to help develop our staff on an on-going basis. The unit also has a dedicated care coordinator who works closely with patients and their families with discharge planning, helping to ensure all of their needs are met. Additionally, a licensed clinical social worker is available to address all patients’ psychosocial needs. The patient satisfaction scores for the oncology unit have steadfastly remained among the highest in our medical center. A nursing journal club meets monthly to help nurses stay current with advances in medical research and to bring the latest nursing results to patients’ bedsides as quickly as possible.

### Outpatient Infusion Center

Our outpatient Infusion Center, located within the Patient Care Pavilion, provides one-to-one nursing care with our highly skilled and compassionate nursing staff. The Infusion Center provides patients with the utmost comfort and convenience from on-site registration to administration of chemotherapy and other transfusion services - all provided in our center by our caring staff. Our team includes highly-skilled infusion nurses certified in oncology nursing and chemotherapy administration. The Infusion Center team works collaboratively with the nurse navigator and social worker.
Pain Management and Palliative Care

With quality of life being a major focus of our Cancer Program, there is "zero tolerance" for pain. Under the direction of pain management specialist, Medhat Mikhael, M.D., several methods, including medication and nerve blocks, are available to control pain and other side effects resulting from cancer treatment. Our oncology nursing staff is specially trained in managing our patients’ pain and works closely with our physicians on pain management, including alternative management methods. Enhancing the quality of each patient’s life is an important part of the care we provide.

Our interdisciplinary palliative care team—including palliative care physicians, palliative care nurses, social workers, chaplains, and other specially trained professionals—supports patients/families by maximizing the comfort of our patients. Under the direction of Dr. Homayoon Sanati, and supported by our highly credentialed palliative care nurse, Suzette Bosveld, DNP, CCRN, CNS, FNP-BC, ACHPN, patients facing the physical symptoms and emotional distress—sometimes related to the medical treatment they are receiving—can find comfort in the care of our team while they are receiving primary treatment. Our Palliative Care team is available to patients anytime during their illness. Its availability does not depend on whether or not a patient’s condition can be cured.

Outpatient Rehabilitation Center

Our full-service outpatient rehabilitation department occupies 3,500 square feet in the Patient Care Pavilion and has been equipped with the newest state-of-the-art equipment available.

Women and men diagnosed with cancer often undergo treatment including surgery, radiation therapy, and chemotherapy. In some cases, side effects from these treatments may include pain, limited mobility, decreased strength, swelling, and fatigue. Physical therapy interventions beneficial in counteracting these side effects may include:

- **Postural awareness** for retraining affected muscles and joints
- **Therapeutic exercises** to improve flexibility and strength in the involved area
- **Aerobic conditioning** to combat cancer related fatigue
- **Education** on skincare, scar management and safety during daily activities.

Lymphedema is an accumulation of lymphatic fluid that causes swelling, and can develop when the channels and ducts that transport lymph are missing, impaired, or damaged. Secondary lymphedema (acquired lymphedema) commonly occurs following surgeries that require the removal of lymph nodes. Lymphedema can develop immediately following surgery or months to years following cancer treatment. In addition to swelling, symptoms of lymphedema may include a feeling of heaviness and tightness, skin changes, infection in the affected area, and cosmetic deformity.

Although lymphedema is a chronic condition, specially trained physical therapists can provide invaluable rehabilitative care. Early intervention and learning lifelong management techniques are essential to allow patients to lead full, normal lives. Orange Coast Memorial Medical Center employs a comprehensive care approach that emphasizes the importance of the patient's understanding of the condition and treatment. In addition to learning about precautionary measures that reduce the risk of developing lymphedema, patients benefit from a rehabilitation program that increases range of motion, flexibility, strength and endurance.
Lymphedema treatment may include:

- **Manual lymphatic drainage** to mobilize fluid and protein from an affected area by a non-invasive manual therapy technique.
- **Multi-layer bandaging** to reduce swelling and assist in softening of skin and tissue in a swollen limb.
- **Therapeutic exercises** to improve lymph drainage through a program of flexibility, strength training and aerobic activities.
- **Patient education** to allow patients to take control of their own lives. In addition to learning how to manage lymphedema at home, patients may receive guidance on specific questions from nutritionists, social workers, support groups, or other health professionals.
- **Compression garments** to help minimize swelling during daytime activities.

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**Imaging & Radiology**

Orange Coast Memorial offers a wide array of diagnostic services. These services are performed using a variety of state-of-the-art imaging methods and therapeutic treatments—all in one convenient location by an expert team of radiologists and technologists who have specialized training and licensure in numerous radiological procedures.

Our 64 multi-slice CT scanner is a multi-channel spiral CT scanner, which is much faster than conventional single channel scanners, allowing imaging of the body within a single breath hold. This technology allows efficient appointment scheduling and helps us to ensure that our patients are treated in as timely a manner as possible. In addition, the 64 multi-slice CT scanner is specifically designed to minimize patient radiation exposure.

Imaging Services at Orange Coast Memorial Medical Center offers a variety of diagnostic and therapeutic services using many different imaging modalities.

**Imaging services include:**
- PET/CT Fusion Scan
- Computed Tomography (CT Scan)
- Diagnostic Radiology
- Interventional Radiology Procedures
- MRI (Magnetic Resonance Imaging)
- Nuclear Medicine
- Ultrasound

**Treatments offered:**
- Interventional Radiology
- Interventional Oncology
- Laser Vein Ablation (LVA)
- Uterine Fibroid Embolization

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**Pathology**

The pathology group that serves OCMMC and LBMMC is composed of 13 highly qualified professionals who have pursued subspecialties in areas such as breast, GYN, genitourinary, hematopathology, dermatopathology, thoracic oncology, gastrointestinal pathology, soft tissue tumors, neuropathology, blood blanking, chemistry and microbiology. Several are board certified in cytopathology in addition to the general AP/CP board certification. State-of-the-art molecular testing is available through the group’s expertise. Many of these professionals have reached academic levels recognized by their peers and
have published scientific papers in peer reviewed journals, written book chapters, as well as participated in national and international symposia in their own sub-specialties. Two of the pathologists are on site at OCMMC every day, with immediate access to the expertise of the entire group.

Research

We believe clinical trials are the front line in the battle against cancer. Our physicians offer among the best and most innovative treatment options to our patients and are involved in more than 40 of the world’s most promising research protocols. Our approach to research centers on clinical trials that offer the hope and promise of more effective patient care and outcomes, rehabilitation, quality of life, and healing. Through this collaboration, patients in our community have access to many of Orange County’s top cancer specialists with more than 30 years of clinical research experience and completion of more than 500 clinical trials.

Cancer Risk & Prevention Program

Most cancers manifest without a known cause, but some are hereditary. Genetic counseling helps patients determine their risk for diseases that can be inherited, including colon, uterine, breast and ovarian cancer. Any family with a higher than expected number of cancer cases, regardless of the type, would benefit from having a formal “Hereditary Cancer Risk Assessment” consultation. To help you decide if genetic testing is appropriate, a genetic counselor analyzes family cancer patterns and environmental influences. Hereditary Cancer Risk Assessments are highly individualized. Patients receive an accurate assessment of personal genetic risk and an individualized plan for cancer screening, prevention, and surveillance.

Tumor Boards

Our physician team conducts weekly roundtable discussions designed to review cases and recommend individual treatment options for each patient. Committed to multidisciplinary pre-treatment planning, medical and radiation oncologists, surgeons, pathologists and radiologists are required attendees of these conferences. National Comprehensive Cancer Network (NCCN) practice guidelines, information on open clinical trials, and review and discussion of AJCC staging are included in case presentations. In addition, physical therapy, pain management, home health, nutritional counseling, palliative care, and psychosocial needs are addressed to offer the optimal treatment plans for patients.

Psychosocial Services

At Orange Coast Memorial Medical Center, we understand how a cancer diagnosis impacts every area of a patient’s life. Under the direction of a professional licensed clinical social worker, we assist patients and their families with the emotional effects of cancer diagnosis and treatment. Individual and family counseling, group support, and referrals to appropriate community resources that are provided according to each patient’s particular needs.

Support Groups include:
- The Journey support group for women at any stage of the breast cancer experience, female family members and friends.
- Women in Treatment (WIT) is a special group for women currently undergoing treatment for cancer.
- Prostate Cancer Support Group provides supportive discussion and educational information for prostate cancer patients, family members and friends.
MemorialCare Cancer Institute enjoys a collaborative partnership with the American Cancer Society. The American Cancer Society Information Center has been on the campus of Orange Coast Memorial Medical Center since April 2006. The Information Center is located on the fourth floor of the new Patient Care Pavilion on the Orange Coast Memorial Medical Center campus. Staffed with highly trained volunteers, the Center provides extensive information and education about cancer prevention, early detection, treatment alternatives and advances in research. A tremendous resource for patients, family members and healthcare professionals, the Center is open to the general public. During 2014, information, resources and support were accessed by approximately 3,000 individuals. The Wig Bank, located within the Information Center, is available to anyone who has experienced hair loss as a result of cancer treatment. In addition, the Center offers "Marti’s Closet" which houses blouses, shirts, and other button down/snap clothing items to assist cancer patients with difficulty getting dressed.

**American Cancer Society Information Center**

- **Smoking Cessation Classes** provide patients with techniques and support in their effort to quit smoking.
- **Bereavement/Transitions** provides support to adults who have recently lost a loved one to cancer.
- **Yoga:** This gentle yoga class, designed for cancer patients and caregivers, is focused on breathing and meditation. No experience required. Wear comfortable clothing. Cost: $5 per class

**Breast Cancer Treatment Planning Conference**
Every Wednesday at 12:30 p.m.

**Neuro/Thoracic & General Tumor Board**
Every Friday at noon.

*Please call the Cancer Registry to schedule a patient for presentation.*
(714) 378-7940