

Inspiration Beyond Cancer

**2017 Leavey Cancer Center
Annual Report**

For the Year 2016

Greetings from the Medical Director & Chairman

The expanded award-winning Thomas & Dorothy Leavey Cancer Center boasts the most comprehensive, technologically advanced treatments in the San Fernando Valley. We are the first in the Valley to offer the most sophisticated cancer-fighting equipment, including:

- The new Revolution Evolution 128-Slice CT Scanner
- da Vinci Single Incision Robotic-Assisted Surgery
- Trilogy Radiation Therapy

In addition, the Harold & Carole Pump Department of Radiation Oncology offers state-of-the-art high dose radiation treatments that avoid damaging healthy tissue and successfully treat all stages of cancer. Many cancer physicians at Dignity Health - Northridge Hospital are affiliated with UCLA, giving us a wide range of clinical expertise and cancer-fighting know-how.

We offer the most appropriate treatments for:

- Brain & Spine Cancer
- Colorectal Cancer
- Liver & Pancreatic Cancer
- Lymphoma & Leukemia
- Skin Cancer
- Breast Cancer
- Gynecological Cancer
- Lung Cancer
- Prostate Cancer

To foster a healing environment, the Center features a meditation garden and sanctuaries for rest and reflection. We also offer entertainment, technology, iPods and Wi-Fi access. Patients also have access to:

- Personal Navigators for Guidance
- Massage Therapy
- Spiritual Care Support

This 2017 annual report is a product of the efforts of many professionals who have contributed their expertise and energy to the improvement of cancer care in our community and is based on 2016 statistical data. Please enjoy this comprehensive report, and feel free to contact us for more information on cancer services for you or your patients.

Sincerely,



A blue ink signature of Boris Bagdasarian, DO.

Boris Bagdasarian, DO
Medical Director
Thomas & Dorothy Leavey
Cancer Center



A blue ink signature of Afshin Safa, MD.

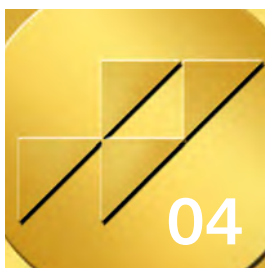
Afshin Safa, MD
Chairman, Cancer Committee
Medical Director
Radiation Oncology



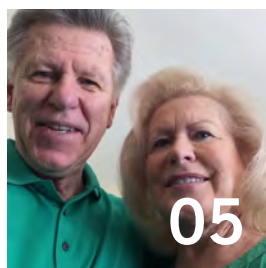
Dignity Health®
Northridge Hospital

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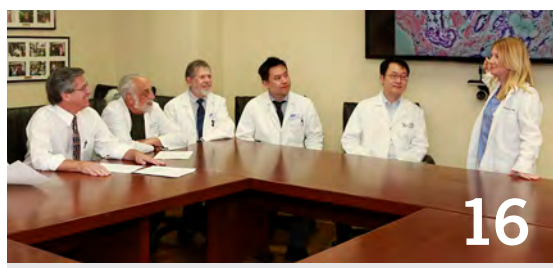
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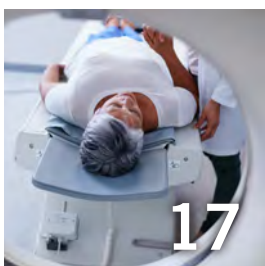
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Awards & Accreditations

The Leavey Cancer Center has earned two esteemed accreditations from the Association of Community Cancer Centers and the American College of Surgeons. Only 25 percent of hospitals nationwide have received the prestigious American College of Surgeons accreditation.



Dignity Health - Northridge Hospital has earned the National Gold Seal of Approval from The Joint Commission.



Ranked One of America's Top 100 Hospitals by Healthgrades three years in a row.

Our Mission

Dignity Health - Northridge Hospital Medical Center is dedicated to developing healthier communities by assuring access and facilitating compassionate quality healthcare service with a commitment to clinical and service excellence provided by caring professionals who respect the dignity of each individual.

Our Core Values

Dignity, Collaboration, Justice, Stewardship and Excellence

Cancer Center Patient & Family Advisory Council

The Cancer Center Patient & Family Advisory Council is a team of staff members, patients and families whose purpose is to:

- ✓ Improve the patient experience based on feedback from the Council.
- ✓ Assist the Cancer Center Staff with a better understanding of unique cultural traditions, values and lifestyles.
- ✓ Allow patients and families to provide input on Cancer Center services and how to better involve the patient/family in the care process.



Promising Advances in Skin Cancer

Afshin Safa, MD

Assistant Clinical
Professor of Radiation
Oncology, UCLA
Medical Director, Pump
Radiation Oncology



The Radiation Oncology Department at Northridge Hospital now offers Leipzig Brachytherapy radiation therapy for many types of skin cancers. This new, noninvasive method can treat sites that were previously difficult to reach with external beam treatments. High Dose Rate (HDR) Brachytherapy is used to treat superficial skin cancers in just eight treatments, each lasting less than 10 minutes. This technology allows us to treat skin cancer during shorter sessions with greater patient satisfaction, fewer side effects and excellent clinical outcomes.



What is Skin Leipzig Brachytherapy?

Under the supervision of the UCLA Radiation Oncology Division of Brachytherapy at Northridge Hospital, we utilize the Leipzig Applicator to provide individualized HDR Brachytherapy for certain types of basal cell or squamous cell skin cancers.

Since safety is a top priority, this robotic, computer-controlled machine stops automatically when the accurate amount of radiation is delivered. It effectively treats targeted lesions and delivers gentle, precise radiation. Without penetrating too deeply, it reaches the base of the tumor without impacting underlying healthy tissue.

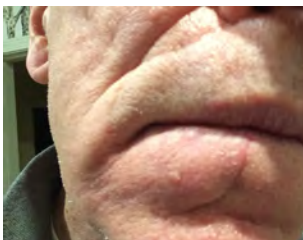
Benefits of Leipzig Brachytherapy

- May avoid the need for reconstructive surgery.
- No need to discontinue anticoagulant medications (Coumadin, Xarelto, etc.).
- Reduction in normal tissue injury means more rapid and complete functional recovery.
- Shorter overall treatment times than external beam radiation therapy (usually eight 10-minute sessions).

Skin Cancer Survivor Triumphs

We are excited to offer the Leipzig Application, which has already shown positive results to our patients. Consider Craig Kelly, who has had skin cancer removed surgically in the past. “After another recent diagnosis, I wanted something as effective as surgery without an incision,” Craig recalls. An online search led him to information about Dr. Safa’s radiation treatment for skin cancer. “I was so surprised at all of the time he was willing to spend with me to explain the procedure, what was involved and what my reaction would be,” he shares. “He was very thorough.”

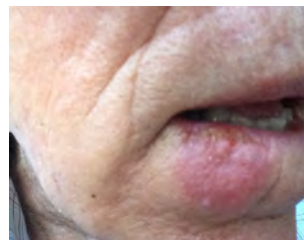
Craig underwent a total of eight treatments within four weeks, and the treatment proved successful. “Being inconvenienced was far less than surgery would have been,” he says. “Plus, there were no bandages, no stitches, the recovery time was much shorter and I have no scars!”



*Before treatment
but after the biopsy*



*Day after second
treatment*



*After sixth
treatment*



*Craig with his wife the day
after the last treatment*

Carole Pump Women's Center

The Carole Pump Women's Center offers women the most advanced diagnostic and treatment services at every stage of life, from reproductive to menopausal years. Our woman-sensitive approach to treatment is provided in a supportive, healing environment. Women receive personalized care from a team of female OB-GYNs.

Online Mammogram Scheduling

The Women's Center offers online mammogram scheduling via InQuicker*. Convenient scheduling helps promote early detection of breast cancer using digital mammography. Women simply log onto <http://tinyurl/northridgemammo> and schedule a mammogram at a time that is convenient for them.

To successfully treat female cancers, we offer an impressive variety of advanced radiation technology that precisely delivers high doses of radiation while sparing healthy tissue.

- **Intensity Modulated Radiation Therapy (IMRT)**
- **Image Guided Radiation Treatment (IGRT)**

For gynecological cancer, we also offer da Vinci Si (Single Incision) Robotic-Assisted Surgery. It helps physicians perform precise and accurate laparoscopic surgery through incisions the size of a dime.

**InQuicker should not be used for life-threatening emergencies or children under the age of 3. Call 911 immediately for more serious conditions.*

Top Technology

Women treat women at the Center: (L-R) OB-GYNs Paniz Heidari, DO, Lisbeth Chang, MD, Neda Ballon-Reyes, MD, and Green Hsueh, MD





Cancer Center Staff Teams Up to Match Massage Grant



Massage for Cancer Patients

The Angie's Spa Cancer Foundation is named after Angie Levy, a young cancer patient who succumbed to her disease after a decade-long battle. The organization provides free in-hospital massages for patients undergoing chemotherapy, radiation and surgery at the Leavey Cancer Center. The massages are proven to decrease stress and alleviate some side effects of treatment. Northridge Hospital is privileged to be one of only six hospitals in the nation selected by the Angie's Spa Cancer Foundation to receive funding to provide free in-hospital massages.

In 2016, the Northridge Hospital Foundation received a continuing grant of \$36,000 from Angie's Spa. In addition, Angie's Spa provided a matching grant of up to \$2,000. A matching grant is a gift made with the specification that the amount donated must be matched by the organization.



Motivated by this challenge, the Leavey Cancer Center staff and patients held a bake sale to raise matching funds, totaling \$2,520. We also received a grant from the Vons Foundation for \$1,500, and we were given other private donations and tributes totaling \$600. The Northridge Hospital Foundation also donated \$500. This ensured that Northridge Hospital exceeded the challenge by raising \$5,120 for a combined total of \$43,120—enough to fund 1,725 patient massages.

Progressive Treatment Options

Fastest and Quietest CT Scanner in the Valley With the Lowest Radiation Exposure



Northridge Hospital proudly unveils the new Revolution Evolution 128-Slice CT Scanner. Commonly referred to as “Revo Evo,” it provides fast, high-resolution, low-dose images—even when performing advanced scans of the heart, traumatic injuries or pediatric patients. In fact, Revo Evo’s image clarity is improved by up to 100% over previous GE CT scanners, resulting in a quick, accurate diagnosis for all of our patients.

Revolution Evolution 128-Slice CT Scanner

- Reduce radiation dose by up to 82% in routine imaging for all exams and all patients.
- Capability to scan a chest in as fast as two seconds with shortened patient breath-holds.
- Obtain diagnostic image quality with reduced noise and improved contrast resolution.
- Reconstruct up to 55 images per second with acquisitions up to 175-mm-per-second (so speedy, it’s ideal for pediatric patients).
- Provide high-level care to oncology patients who require multiple scans or frequent follow-up.

- Perform complex cardiac procedures, including coronary CTA and TAVI planning.
- Image patients weighing up to 675 pounds.
- Perform more studies in less time and manage patient flow up to 40% more efficiently.

Additional advanced imaging services include:

- PET/CT
- Digital Mammography
- 64-Slice CT
- Triphasic CT Scanning
- Angiography
- State-of-the-art GE 1.5 Tesla Short Bore Magnet (MRI)
- GE ELogic 9 4D state-of-the-art Ultrasound Unit



Green Hsueh, MD, Gynecology, with the da Vinci Si (Single incision) Robotic Surgical System

da Vinci Si Robotic Surgical System

The more refined da Vinci Si (Single incision) Robotic Surgical System allows physicians to perform a hysterectomy or a gallbladder removal (cholecystectomy) through one small incision in the bellybutton. da Vinci Si also allows physicians to perform prostatectomy and other urological and gynecological procedures through a few incisions the size of a dime. da Vinci Si's enhanced high-definition 3D vision and unparalleled precision enables surgeons to maneuver and control instruments in ways not humanly possible, which increases accuracy. Patient advantages include a shorter hospitalization, reduced pain, less scarring and a faster recovery.



Afshin Safa, MD, Radiation Oncologist, with the Trilogy

Trilogy Linear Accelerator System

For image-guided radiation therapy and radiosurgery, the Trilogy can treat cancer anywhere in the body by delivering a dose of radiation with pinpoint accuracy, resulting in completing treatment in 3 to 5 sessions.

Precise Radiation with other Therapy, including:

- Image Guided Radiation Therapy (IGRT)
- Intensity Modulated Radiation Therapy (IMRT)
- Brachytherapy
- Stereotactic Body Radiation Therapy



BrainLAB Image-Guided Navigation System

The BrainLAB is used for delicate surgery of head and neck cancers. The technology is similar to a vehicle's GPS system. It helps physicians prior to and during surgery to navigate the spine and brain with greater accuracy.

Chemotherapy

Innovative multimodality therapies offer patients the latest approaches, while minimizing side effects. We offer the most advanced methods of chemotherapy and hormonal therapy treatment in a comfortable lounge or infusion suites equipped with iPods and Wi-Fi for laptop access. For added patient convenience, we are expanding the chemotherapy infusion area, thanks to a lead gift of \$1 million from the Harold & Carole Pump Foundation. We are increasing the number of infusion chairs from 13 to a total of 20, adding one private treatment room for higher acuity patients, an additional restroom, a nutrition room and increased chair space. Plus, physician offices are being redesigned with better patient access.

Pathology and Laboratory

The treatment of all cancer patients begins in the Pathology Department at Northridge Hospital. The pathologists are highly trained professionals with education from City of Hope, UCLA and USC.

Through the gross and microscopic examination of specimens and tissue from patients at Northridge Hospital, the pathologists determine the exact type and stage of all cancers. A careful and detailed report is written about each patient's specimen. This is communicated to the surgeons and oncologists so that a personalized treatment plan can be tailor made. This often involves the use of specialized molecular testing as well.



Supportive Services

Chronic Disease Transitional Care

Patients with chronic illnesses are supported from admission throughout the hospital stay and after discharge by a compassionate team—including the physician medical director, nurse practitioners, social workers and clinical pharmacists. For cancer patients, J. Gary Davidson, MD, and Jeremy Grosser, MD, are among the team that addresses physical, emotional, social, palliative and spiritual needs of patients/care partners. An individualized plan of care includes a home visit and follow-up phone calls for at least 30 to 90 days, helping to ensure follow up with physicians, as well as appropriate use of medications and patient/family education regarding disease processes.

Jeremy Grosser, MD
Medical Director
Chronic Disease
Transitional Care



J. Gary Davidson, MD
Chronic Disease
Transitional Care



Chapel

A nurturing and peaceful place for silence, reflection or prayer.

Electronic Health Records

Dignity Health - Northridge Hospital uses the Cerner electronic health record (EHR) system. Our EHR represents a framework for standardizing best medical practices across Dignity Health to empower medical practitioners to optimize patient care. In addition, the Medical Radiation and Surgical Oncology Departments are film-free and paper-free.

Learning Library

Located in the Cancer Center Lobby, free information is provided on a wide range of cancer topics.

Healing Garden

A relaxing place for patients and visitors to sit and enjoy nature.

Look Good, Feel Better

Classes to enhance cancer patients' appearance with make-up and wigs are coordinated by the American Cancer Society.

Massage Therapy

Angie's Spa provides free in-hospital massages for cancer patients undergoing chemotherapy, radiation and surgery.



Nutritional Counseling

Patients learn to optimize nutrition to repair the effects of cancer treatments.

Pain Program

Ensures that patients who have pain are identified and treated quickly and effectively.



Pet Therapy

Special therapy dogs visit patients to help alleviate pain and reduce stress.

Social Services

Addresses the unique needs of cancer patients beyond their physical concerns to include psychosocial, psychological and social support.

Spiritual Care

Honors patients' faith, beliefs and values and provides spiritual support to ease the stress of coping with cancer.



Support Groups and Cancer Education

Provides opportunities to share and learn from others in similar situations.

- **Breast Cancer Support Group**
- **Cancer Education Classes**
- **Bereavement Program** - Supports patients and families through a compassionate, multi-faith Spiritual Care Program.



Partnerships with Outstanding Organizations

- **American Cancer Society** - Collaborates with the Leavey Cancer Center to provide additional free, supportive services, education and assistance to our patients.
- **Wellness Community** - Offers a free, professional program of emotional support, education and hope.

Celebrating Survivorship

Follow-up care and the transition from active treatment to post-treatment care is critical to the long-term health of survivors. Therefore, with funding from the Hearst Foundation and the Harold & Carole Pump Foundation, the Leavey Cancer Center purchased specialized survivor software. This program is now fully operational.

Key Survivor Care Software Features

- Clinical knowledge base that models industry guidelines for cancer survivorship.
- Productivity tools that give clinical staff more time to focus on providing care to survivors.
- Web-based portal that links each survivor to their care team.



Navigator Program

Navigator Programs are nationally recognized for increasing a cancer patient's chances for survival and quality of life. Northridge Hospital's patient-focused therapy begins with diagnosis and continues through treatment, remission and beyond. This is demonstrated by a total net community benefit for the Cancer Center of \$282,365 for Calendar Year 2016 that provided educational activities, free mammogram screenings, support groups and patient assistance. In 2006, the Leavey Cancer Center implemented the Navigator Program through a grant from the Avon Foundation for Women and began the Navigator Outreach Program with generous funding from the Harold & Carole Pump Foundation. It encompasses:

Harold & Carole Pump Foundation

Sponsored "Reaching Out" Screening Fairs – These events provide free mammograms to those who are uninsured.

Patient Advocate/Librarian

A part-time, bilingual Patient Advocate assists the Outreach – Navigator helps with both outreach and inpatient needs, including assistance with transportation and home health issues. Moreover, the Patient Advocate assumes the role of Librarian, helping patients and families at the Cancer Center Library.



Clinical Navigators personally guide patients through treatment.



The Avon Foundation for Women awarded a \$100,000 grant in 2016 to our Navigator Program. This is the 9th grant received from the organization.

Navigator Program Community Outreach

The goal of this program is to educate the community about cancer in general, ways to decrease risk factors and specific cancer screening guidelines. The Outreach staff also alleviates barriers to care by enrolling those who are uninsured into the free mammogram screening program and providing assistance with obtaining health insurance. This program is also funded by the Leavey Cancer Center and the Harold & Carole Pump Foundation.

Community Group Outreach

This program has increased cancer awareness for 7,783 individuals in 83 different community groups. A few of the community groups educated include Guardian Angel Church members, Park Parthenia Housing members and attendees of the El Salvador Foundation community events.

School Wellness

The Navigator Program has partnered with Northridge Hospital's School Wellness Initiative to educate parents of the program's students on screening guidelines and how to decrease cancer risk factors.

Support Groups

The Navigator Program provides a professional liaison for the cancer support groups at the hospital, which include Breast Cancer and Trigeminal Neuralgia. Approximately 20 patients attend each session.

Clinical Navigator

This is the patient's point-of-contact concierge for any issues or questions. As a resource for each patient's unique needs during treatment, patients can rely on their

Navigator, whose role is to ensure a smooth transition among all hospital services by assisting with:

- Coordination of patient appointments with other specialists.
- Acquainting patients with all of our services, including our Oncology Unit, Thomas & Dorothy Leavey Cancer Center and the Carole Pump Women's Center.
- Pre-and post-operative surgery education.
- Connecting patients and families with psychosocial support and groups, classes and programs.
- Enrolling patients in the Hospital's comprehensive Patient Orientation Program, "Navigating Through Your Cancer Journey."

Oncology Welcome Packages

At their initial consult, patients receive a package designed to ease anxiety and provide comfort for common treatment side effects.

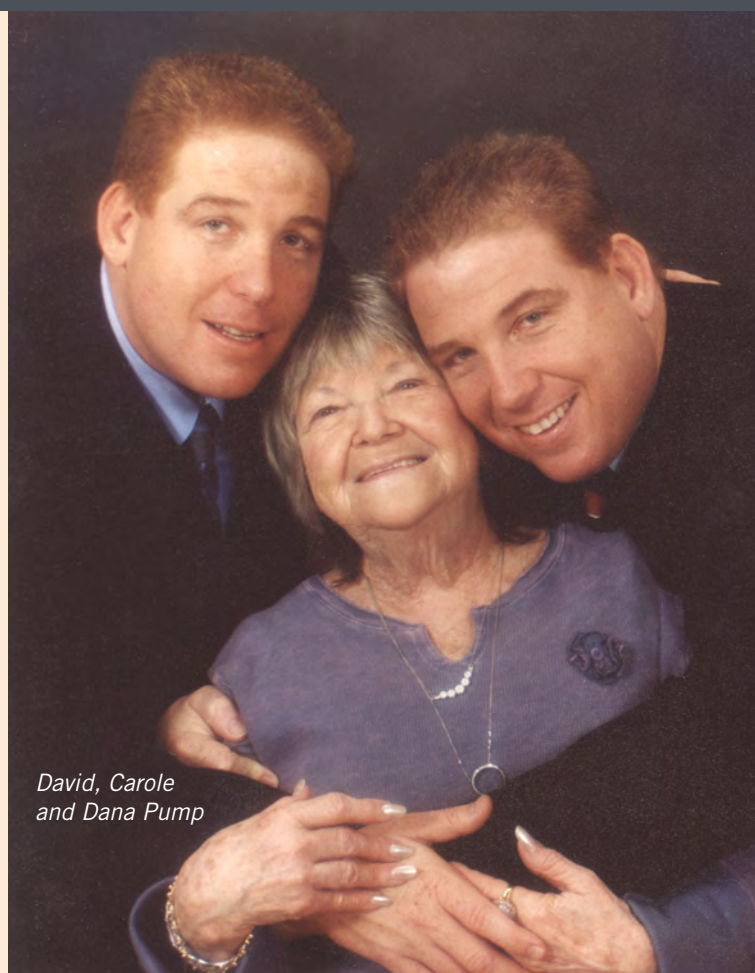


Harold & Carole Pump
FOUNDATION

Honoring Their Memory By Raising Money to Fight Cancer

The Harold & Carole Pump Foundation (H&CPF) honors a beloved father who lost his battle with cancer in 2000 and a loving mother who passed away in 2012. Using their unique relationship-building talents and skills, their sons Dana and David Pump, working with the Northridge Hospital Foundation, have raised more than \$7.5 million for the Carole Pump Women's Center, the Harold & Carole Pump Department of Radiation Oncology, the Thomas & Dorothy Leavey Cancer Center at Northridge Hospital and other non-profit community charities.

The mission of the Harold & Carole Pump Foundation is to raise funds for and create awareness of the treatment and cure of cancer. By engaging the community, sports leaders and those touched by the disease, financial support is given to develop cancer treatments, programs and services and to obtain the most advanced medical technologies.



David, Carole
and Dana Pump



Eric Dickerson accepting the Lifetime Achievement Award (L-R) David Pump, LaDainian Tomlinson, Michael Irvin, Jerome Bettis, Eric Dickerson, Marshall Faulk, Vince Ferragamo, LeRoy Irvin, Dana Pump, Cris Carter and Chris Spencer

Education Saves Lives

The Outreach Program's staff attended 83 community events and educated 7,783 people on cancer awareness in 2016. This education was provided in English and Spanish. Northridge Hospital and the Harold & Carole Pump Foundation partnered with several community organizations to provide the vital outreach services listed below.

Harold & Carole Pump Foundation-Sponsored "Reaching Out" Screening Fairs

Educating community members about cancer prevention and early detection is vital to their health and can save lives.

Thanks to the generosity of the Harold & Carole Pump Foundation, the Carole Pump Women's Center hosted 12 free health fairs for the uninsured in our community. "Reaching Out Health Fairs" attract hundreds of people, who receive free breast evaluations and screenings. Since prevention is key, attendees also learn how to decrease their chances of a cancer diagnosis.

In 2016, the Harold & Carole Pump Foundation provided 411 people with 679 free health screenings. Free mammograms were also provided to 411 women, two of which resulted in positive breast cancer diagnoses. In addition, the following free services were also provided to women who needed further testing:

- 69 follow-up consultations
- 56 diagnostic mammograms
- 107 ultrasounds
- 18 ultrasound needle placements
- 18 biopsies

Family Plan – Support, Comfort and Home Health

The Family Plan Fund assists patients and their families with payment for services or equipment needs. Patients who are hospitalized or at home with a cancer diagnosis face many difficult hours filled with painful treatments, unpleasant side effects, invasive tests and much uncertainty. This is interspersed with periods of boredom, depression and fatigue—making it a very difficult time for the patient and their families.

Patient Home Aid

Provides funding for home care to families who wish to discharge their loved one and continue care in the comfort of their own home.

Sponsored by Harold & Carole Pump Foundation's Family Fund, this program provided nearly 1,950 hours of service in 2016.



Transportation

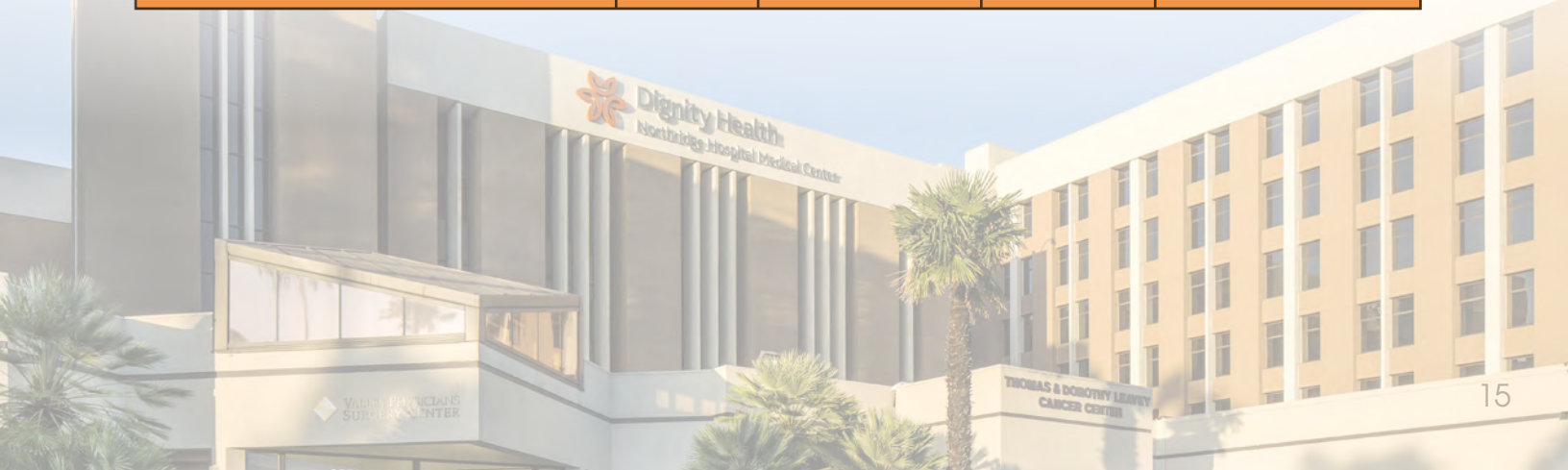
For those lacking transportation to and from medical appointments and the Leavey Cancer Center, 2,248 rides were provided.

Advanced Technology

The Endoscopic Video System purchased by the Harold & Carole Pump Foundation is used for minimally invasive endoscopic procedures, which are far more beneficial to the patient than traditional open surgical approaches.

2016 Primary Site Table

Site Group	Analytic	Non-Analytic	All Cases	% of All Cases
HEAD AND NECK	8	1	9	1.8%
DIGESTIVE SYSTEM	71	21	92	18.4%
RESPIRATORY SYSTEM	42	16	58	11.6%
BONE AND JOINTS	2	1	3	0.6%
HEMATOPOIETIC	19	19	39	7.8%
SKIN	3	2	7	1.4%
SOFT TISSUE	3	0	3	0.6%
BREAST	123	15	139	27.7%
GYN / FEMALE GENITAL	28	8	36	7.2%
PROSTATE GLAND	16	11	27	5.4%
TESTIS	2	0	2	0.4%
URINARY SYSTEM	26	3	29	5.8%
BRAIN / OTHER CNS	16	3	19	3.8%
THYROID / OTHER ENDOCRINE	8	2	10	2.0%
LYMPH NODES / LYMPHOMA	13	4	18	3.6%
UNKNOWN PRIMARY SITE	5	4	10	2%
TOTAL SITES	385	110	497	100%





Weekly Tumor Board Meeting

Oncology Conferences & Tumor Boards

Oncology Conferences are an opportunity for physicians to review and discuss treatment options available for specific malignant processes. The conferences are multidisciplinary and include physicians from Medical Oncology, Radiation Oncology, Surgery, Radiology and Pathology. Each case is reviewed for the medical history, physical findings, diagnostic imaging and therapeutic approaches. For each case presented, the conference focuses on pre-treatment evaluation, clinical and pathological staging, new medications, clinical trials and National Comprehensive Cancer Care Network treatment guidelines.

Cases presented at the Oncology Conferences are at least 10% of the annual analytic cases accessioned into the Cancer Registry database and include cases from the five major sites seen at Northridge Hospital. At least 75 percent of the cases presented are required to be prospective. Prospective cases are defined as those that are presented at a time when management of the patient's disease process could be influenced by discussion. This includes newly diagnosed cases not yet treated; cases in which treatment has been initiated and additional treatment options may be needed; and cases of disease recurrence following completion of initial treatment.

In 2016, 36 Tumor Boards were held with all of the 175 case presentations being prospective cases.

The Northridge Hospital Cancer Registry monitors Oncology Conference activity and reports their findings to the Cancer Committee on an annual basis to ensure compliance with the American College of Surgeons' cancer program standards.

Physicians are encouraged to contact the Cancer Registry at 818.885.8500, ext. 2835 or ext. 2833 to schedule case presentations for the following conferences:

Breast Conference:

2nd and 4th Thursday of each month

General Tumor Board:

3rd Thursday of each month

Head and Neck Tumor Board:

1st Thursday of every other month

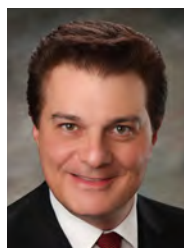
Northridge Hospital Medical Center is accredited by the Institute for Medical Quality/California Medical Association (IMQ/CMA) to provide continuing medical education for physicians. Northridge Hospital Medical Center designates this live activity for a maximum of 1 AMA PRA Category 1 Credit(s)[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Medical Oncology at the Thomas & Dorothy Leavey Cancer Center

In partnership with Dignity Health - Northridge Hospital, the Los Angeles Cancer Network provides compassionate, individualized diagnosis, evaluation and treatment of all malignant disorders, including solid tumors and hematologic malignancies, and treats patients with the most current anti-cancer drugs and treatment protocols available. The Los Angeles Cancer Network physicians are board-certified in Hematology and Oncology, and their distinguished affiliations include the Southern California Oncology Research Alliance (SCORA).

Boris Bagdasarian, DO

Internal Medicine,
Hematology, Medical Oncology,
Bone Marrow Transplantation



Nubar Boghossian, MD

Internal Medicine,
Hematology, Medical Oncology



Lasika C. Seneviratne, MD

Internal Medicine,
Hematology, Medical Oncology



Ronald Tang, DO

Internal Medicine,
Hematology, Medical Oncology



Radiation Oncology

The Harold & Carole Pump Department of Radiation Oncology is a comprehensive treatment center in the Valley that provides an impressive selection of advanced treatment options like Trilogy Body Radiation Therapy (SBRT), Intensity Modulated Radiation Therapy (IMRT), Image Guided Radiation Therapy (IGRT) and High Dose Rate Brachytherapy for all stages of cancer. The department is staffed by UCLA Department of Radiation Oncology physicians. This faculty is nationally recognized in radiation delivery to improve patient care and treatment outcomes. These physicians are also dedicated to delivering conscientious and compassionate care for our patients while offering attentive support to our patient's families.

Afshin Safa, MD

Medical Director,
Harold & Carole Pump Department of
Radiation Oncology



Surgeons

Northridge Hospital boasts outstanding surgical oncologists, as well as specialized surgeons in thoracics, neurology and gynecology. Our surgical team provides patients with a range of options best suited to their individual needs. They are also extraordinarily precise at removing cancer while preserving as much normal tissue and function as possible. Studies show that, for many cancers, patients have fewer complications if their surgery is at a hospital performing a high volume of these operations and by a surgeon who has expertise in the procedure, like those found at Northridge Hospital.

Sub-Specialized Radiologists

Renaissance Imaging Medical Associates (RIMA) employs an extraordinary team of highly subspecialized radiologists. RIMA offers distributed subspecialty radiology services along the lines typically seen only in top academic radiology departments.

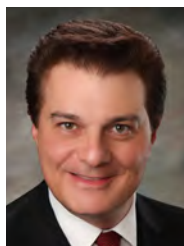


Anil Wadhvani, MD, Interventional Radiologist

Oncology Nursing

Specially trained oncology nurses provide the balance between innovative, expert treatment and personalized care. They stay abreast of the latest treatments and technologies through research, certification and life-long learning and maintain certifications in the implementation of specialized treatments such as chemotherapy, radiation therapy, IV therapy and blood transfusion. Many are certified specifically in oncologic nursing.

Cancer Program Practice Profile Reports: Accountability Measures Ensure Quality of Care



Boris Bagdasarian, DO
Cancer Liaison Physician

Accountability measures promote improvements in care delivery and are the highest standard for measurement. An accountability measure is the standard of care

derived from evidence-based data, including multiple randomized control trials. Dignity Health - Northridge Hospital Cancer Committee ensures the highest standards of cancer care by continually monitoring compliance with these measures. Our cancer program met benchmark performance in all applicable areas.

In 2016, 36 Tumor Boards were held with all of the 175 case presentations being prospective cases

BREAST:

Radiation therapy is recommended or administered following any mastectomy within one year (365 days) of diagnosis of breast cancer for women with ≥ 4 positive regional lymph nodes [MAC].

The program maintained 100% adherence in this area in the years 2011, 2012, 2013 and 2014. Benchmark is at 90%.



COLON:

At least 12 regional lymph nodes are removed and pathologically examined for resected colon cancer [12RLN].

The program achieved 100% adherence for 2011 and 2014. For 2012 and 2013, we were at 87.50% and 88.90% respectively. Benchmark is at 85%.

RECTAL:

Preoperative chemo and radiation are administered for clinical AJCC T3N0, T4N0, or Stage III or postoperative chemo and radiation are administered within 180 days of diagnosis for clinical AJCC T1-2N0 with pathologic AJCC T3N0, T4N0, or Stage III or treatment is recommended for patients under the age of 80 receiving resection for rectal cancer [RECRTCT].

The program maintained 100% in this area in 2011, 2013 and 2014. There is no data for 2012. Benchmark is at 85%.

Cancer Committee Membership 2016

The membership of the Cancer Committee is multidisciplinary, representing physicians from the diagnostic and treatment specialties and non-physicians from Administrative and Supportive Services. Coordinators who are responsible for specific areas of program activity are designated by the membership.

Attendance requirement to be set by Cancer Committee Quorum Requirement: 7 voting members.

Physician Members

Afshin Safa, MD

Radiation Oncology, Cancer
Committee Chair

Stephen Weinstein, MD

General Surgeon

Boris Bagdasarian, DO

Cancer Liaison Physician
Internal Medicine, Hematology,
Medical Oncology,
Bone Marrow Transplantation
Leavey Cancer Center Medical Director

Gary Davidson, MD

Hematology, Medical Oncology/
Transitional Care
Medical Director

Jeremy Grosser, MD

Internal Medicine, Pain Control/
Transitional Care
Medical Director

Kimberly Mislick, MD, PhD

Pathology and Laboratory Services,
Medical Director

Anil Wadhvani, MD

Diagnostic Radiology

Administrative Members

Philip Abraham

Chaplain, Manager Spiritual Care

Catherine Barbiera, RN, MSN, CNOR

Director, Pain Management,
Transitional Care

Nana Deeb

Chief Operating Officer/Cancer
Program Administrator

Jill Dickson, RN, OCN

Cancer Program Director/Cancer
Conference Coordinator

Sonja Flores, CTR

Certified Tumor Registrar

Holly Hessel-Altman, RN, BSN, MS, CPHQ

Senior Director, Quality

Autumn Hilger, RN, MBA, BF

Clinical Director, Med/Surg,
Telemetry, Rehab, Dialysis

Debra Horwits, MSPT

Director, Rehabilitation and Neuroscience

Joanne Jones

Cancer Registry

Deborah Kahn, RN, MSN

Clinical Manager, Acute Oncology/
Orthopedics

Chrissy Kim

American Cancer Society

Fernell Romero

Clinical Research Coordinator

Cheryl Lovett, RHIT, Director

Health Information Management

Sonja Flores, CTR

Certified Tumor Registrar

Cynthia Owens, LCSW

Psychosocial Services Coordinator
Social Services/Case Management

Robert Sakamoto, PharmD

Pharmacy

Doris Serrano, BS

Outreach Coordinator, Navigator Program



Thomas & Dorothy Leavey Cancer Center

3 Free Ways to Find-A-Cancer Doctor

1. Call 818.908.8677
2. dignityhealth.org/northridgehospital
3. [Healthgrades.com](https://www.healthgrades.com)

Free valet parking is available,
enter by Leavey Cancer Center
off of Roscoe Blvd.



Languages spoken: English, Spanish,
Korean, Tagalog, Farsi, Arabic,
Malayalam, Afrikaans, Urdu



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Northridge, CA 91328
Main Hospital 818.885.8500
Leavey Cancer Center 818.885.5341