

USC Norris Comprehensive Cancer Center

Keck Medicine of USC



KECK MEDICINE OF USC – NEWPORT BEACH RADIATION ONCOLOGY AND IMAGING

State-of-the-Art Radiation Therapy in Orange County

At Keck Medicine of USC – Newport Beach Radiation Oncology and Imaging, our radiation oncologists are delivering the most advanced radiation therapies close to home for patients in Orange County and beyond. We are part of Keck Medicine of USC and the USC Norris Comprehensive Cancer Center, an established leader in cancer research and one of the eight original National Cancer Institute (NCI)-designated cancer centers in the U.S.

We have expertise in treating all stages and types of cancer, including solid tumors, lymphomas and metastatic cancers. By using the most advanced imaging and radiotherapy technologies, our experts can deliver next-level precision treatments that ensure maximum results.

Our radiation oncologists are dedicated to being partners in your patients' care. We are committed to staying in close communication throughout radiotherapy treatment so that your patients can return to you for the remainder of their care.

NEXT-GENERATION RADIOTHERAPY TREATMENT

Keck Medicine of USC is the only health care provider in Orange County to offer groundbreaking SCINTIX technology using the RefleXion X1 machine for patients with primary lung cancers and other metastatic cancers.

Biologic-guided radiation therapy, or BgRT, is a breakthrough radiation therapy delivery system that uses a PET radiotracer that interacts with cancer cells to send up-to-the-minute PET “signals” about where the actively dividing cells are in the body. Using the live tracking signals, radiation oncologists can target and treat cancer cells in real time without damaging nearby healthy, non-signaling cells, even if the patient breathes or moves slightly. This eliminates the need for placing markers inside the patient, reduces the risk of targeting nearby healthy tissue and alleviates the side effects of radiation.

The level of precision of the RefleXion X1 system allows treatment of more than one metastatic tumor location in the body in the same radiation plan. This allows potentially better care delivery to patients with metastatic disease and adds another option for certain patients with advanced cancer who would not otherwise be candidates for radiation therapy. Treatment can also be combined with chemotherapy, immunotherapy and targeted drugs to improve patient outcomes.

To refer a patient by phone
(949) 507-6700

To refer a patient by fax
(949) 507-6701

[KeckMedicine.org/OCrad](https://www.keckmedicine.org/OCrad)

USC NORRIS COMPREHENSIVE CANCER CENTER

WORLD-CLASS CARE FROM KECK MEDICINE OF USC

At Keck Medicine of USC – Newport Beach Radiation Oncology and Imaging, our mission is to provide your patients with the best in radiotherapy. Our team of subspecialized radiologists are experts in all aspects of imaging, ranging from PET and CT scanning to stereotactic body radiation therapy/ radiosurgery and next-generation biology-guided radiotherapy. Our expertise and access to a wide range of radiotherapies means we can customize care so that it is most effective and efficient for your patients.

We have an exceptional team of radiologists, radiation oncologists, medical physicists, dosimetrists, radiation therapists and nurses. Our multidisciplinary approach optimizes patient treatment and outcomes, and we work collaboratively with our surgical oncologists, medical oncologists, radiologists, pathologists, nutritionists and social workers.

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KeckMedicine.org/OCrad



OUR LOCATION

Keck Medicine of USC – Newport Beach Radiation Oncology and Imaging

4590 MacArthur Blvd., Suite 100
Newport Beach, CA 92660



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Cancer Center

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