



5

Rooms

2000+

Number of Patients
Treated Per Year

2014

Open Date



Dr. Carl Rossi
Medical Director

Scripps Proton Therapy Center

The Scripps Proton Therapy Center is a state-of-the-art cancer center that delivers the most advanced form of proton therapy available today to San Diego county. Once fully operational, the Scripps Proton Therapy Center will have the capacity to treat more than 2,000 patients annually with the potential to improve medical outcomes, reduce side effects and promote the understanding and use of advanced technologies in cancer therapy.

ABOUT PROTON THERAPY

“Proton therapy is a kind of radiation used to treat cancer. Like other types of radiation, proton therapy kills cancer cells and stops them from growing. Unlike other types of radiation therapy that use x-rays to destroy cancer cells, proton therapy uses a beam of special particles called protons. Doctors can better aim proton beams onto a tumor, so there is less damage to the surrounding healthy tissue. This allows doctors to use a higher dose of radiation with proton therapy than they can use with x-rays. Because it causes less damage to healthy tissue, proton therapy is often used for cancers that are very close to critical parts of the body.”

- National Institutes of Health, www.nih.gov

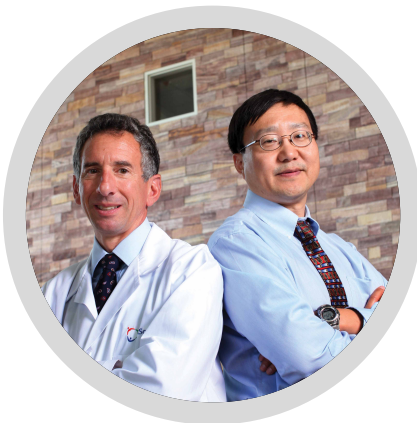


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The Scripps Proton Therapy Center is developed by Advanced Particle Therapy and will be operated by Scripps Health and Scripps Clinic Medical Group. Scripps Health is a \$2.3 billion nonprofit community health system in San Diego, California. Scripps treats a half-million patients annually through the dedication of 2,500 affiliated physicians and 13,000 employees. Scripps Clinic Medical Group is a multi-specialty physician practice with 420 physicians representing 50 medical and surgical specialties.



The Center employs top proton therapy experts including Dr. Carl Rossi, Medical Director, who has treated more than 9,000 patients at Loma Linda Medical Center, and Dr. Lei Dong, Chief Medical Physicist, from MD Anderson Cancer Center.



The Center is designed to be a place of healing for patients. With a warm atmosphere and garden, the space brings patients peace of mind. The Center also integrates best-in-class logistics for safe and streamlined patient care.



The Center features the cutting-edge ProBeam proton therapy system from Varian Medical Systems, Inc., a leading manufacturer of medical devices for proton therapy. It includes a 90 ton cyclotron that weighs as much as a 737 jetliner.



Advanced Particle Therapy (APT) develops and manages leading-edge proton therapy centers that deliver exceptional cancer treatment to patients. APT provides a fully integrated solution for development of proton treatment centers for leading academic medical institutions as well as premier regional healthcare systems. APT serves as the project's developer and provides a turnkey solution to the highly complex task of successfully developing, designing, constructing, overseeing and managing a particle therapy treatment center.