



5

Rooms

2,000

Number of Patients  
Treated Per Year

2016

Open Date



## EMORY PROTON THERAPY CENTER WINSHIP CANCER INSTITUTE

The Emory Proton Therapy Center is a state-of-the-art cancer treatment center that delivers the most advanced form of proton therapy available today to the Atlanta region, the state of Georgia and surrounding states. The \$200+ million Center, expected to open in 2016, will span more than 107,000 sq. ft. and will have the ability to treat approximately 2,000 patients annually.

### 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](http://www.nih.gov)



Advanced Particle Therapy, LLC  
4747 Executive Drive, Suite 590  
San Diego, CA 92121

[www.advancedparticletherapy.com](http://www.advancedparticletherapy.com)  
[info@advancedparticletherapy.com](mailto:info@advancedparticletherapy.com)  
858.875.2260



For more than a century, Emory Healthcare has been at the forefront of medicine, combining cutting-edge interventional research and technology to improve and save lives. As the clinical arm of Emory University's Woodruff Health Sciences Center, Emory Healthcare has more than 1,500 licensed patient beds, over 11,000 employees and more than 20 health centers located throughout Metro Atlanta, making it the largest and most comprehensive health care system in the state of Georgia.



The Center is lead by top cancer treatment experts including Walter J. Curran, M.D., Executive Director of the Emory Winship Cancer Institute. Dr. Curran is the Group Chairman and Principal Investigator of the Radiation Therapy Oncology Group and was named "Leading Radiation Oncologist" in a peer survey in Medical Imaging.



The Emory Proton Therapy Center broke ground in March 2013 and anticipates employing as many as 450 workers during construction. Once fully operational, the Center will employ approximately 110 proton therapy experts and has the ability to generate \$20 million in economic impact for the region.



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 as well as a three-story tall gantry that rotates 360° around a patient during treatment.



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 the 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.