



## **Sharad Goyal, M.D.**

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To tell you more about myself, I graduated from the University of Virginia with a BA in Biology, MD, and MS in Clinical Investigation where I received training in clinical trial design and database management pertinent to my career development. I completed a residency in Radiation Oncology at Robert Wood Johnson Medical School (RWJMS) & The Cancer Institute of New Jersey (CINJ), serving as chief resident for 2 years. I then joined RWJMS & CINJ as an Instructor in Radiation Oncology and was promoted to an Assistant Professor in 2010. Since 2014, I am a full-time Associate Professor in the Department of Radiation Oncology at Rutgers University where I hold appointments at RWJMS and CINJ. As a radiation oncologist, I integrate concepts of radiation physics, cancer biology, and clinical oncology in my daily practice, use evidence when developing a patient's treatment, provide compassionate and empathetic care to my patients, and develop a personalized treatment plan for a patient's course of radiotherapy. In addition, I feel the research I conduct helps bring scientific discovery to the bedside of each and every patient.

With a focus on breast cancer, central nervous system/brain tumors, and melanoma and skin cancers, I work closely with the Breast Tumor Study Group, Melanoma and Soft Tissue Oncology Program and the Neuro-Oncology Program at the Cancer Institute in order to provide patients with a comprehensive evaluation of their cancer. I also treat patients with cutting-edge techniques such as intra-cranial stereotactic radiosurgery (SRS) and extra-cranial stereotactic body radiation therapy (SBRT) programs. SRS & SBRT allows us to deliver radiation with pinpoint accuracy to targets all over the body using machines called the GammaKnife and Tomotherapy. By using the most current treatment planning technology available to "map" tumors, I design radiation treatments with pinpoint accuracy, ensuring that tumors get the most tumorcidal dose while sparing healthy organs. I believe the treatment I offer my patients are of the highest quality, allowing the greatest potential for cancer control while minimizing their toxicities.

My primary research focus has been in clinical breast cancer, utilization of novel radiotherapy treatment techniques to reduce toxicities, and integrating data from epidemiological settings in cardiology and oncology to better inform treatment and survivorship issues among cardiology and breast cancer patients. By having the resources available that can only be found at a National Cancer Institute-designated Comprehensive Cancer Center, our team is able to translate these research findings and directly apply them to patient therapies.

In addition, I serve on committees of national oncology organizations such as the American Society of Clinical Oncology committees, American Society for Therapeutic Radiation Oncology, the American College of Radiology and I also serve as a reviewer for several oncology journals, including the prestigious International Journal of Radiation Oncology, Biology, Physics. These activities help me stay abreast the field of radiation oncology in an effort to deliver the best care to patients.