

# James R. Gray, MD

Medical Director, Provision CARES Proton Therapy Nashville

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Dr. Gray was born and raised in Oak Ridge, TN (a scientific community which originated with the Manhattan Project during World War II) as the son of an engineer. He studied biomedical engineering at the University of Tennessee in Knoxville, graduating with highest honors. He then studied medicine at Vanderbilt University on a scholarship with the US Navy. After discovering his fascination with oncology and radiation therapy, he trained in radiation oncology at Memorial Sloan-Kettering Cancer Center in New York City and was the recipient of a Clinical Oncology Fellowship from the American Cancer Society. His first work after training was as a medical officer in radiation oncology with the US Navy at the National Naval Medical Center in Bethesda, MD. He also held a teaching appointment at the adjacent National Cancer Institute of the National Institutes of Health and the Uniformed Services School of the Health Sciences as an attending physician in the NCI radiation oncology residency program and an assistant professor in radiology.

After meeting his wife Tammy there, they moved to Nashville where they have raised their three children and he has practiced radiation oncology since 1994. This has included membership and leadership in Tennessee Oncology, one of the largest privately-held oncology physician groups in the country and a partner of OneOncology. He has maintained a broad-based and busy practice, and was the first to perform many advanced procedures in the region including prostate brachytherapy and prostate stereotactic body radiation therapy. He has also initiated and been involved in local and multi-institutional clinical trials, and has authored or co-authored over 50 peer-reviewed manuscripts, book chapters and abstracts, including presentations at national meetings. He has been active in the American Cancer Society at the regional level and has been recognized with the local John C. Tune Award and the St. George National Award.

Dr. Gray has been affiliated with Provision Healthcare for several years and has treated patients at Provision CARES Proton Therapy, Knoxville. His latest interest is now continuing the development of proton therapy using the ProNova SC360 proton system and is proud to be the medical director of the first advanced intensity modulated (pencil-beam scanning) proton therapy (IMPT) system with fully integrated image-guided (IGRT) equipment - designed and built in his home state of Tennessee.