

CTSA is now offering patients Stereotactic Radiosurgery



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Physicians at Cancer Treatment Services Arizona (CTSA), located in Casa Grande, Arizona, began treating cancer patients this month with another world-class technology called Stereotactic Radiosurgery, using the Trilogy™ Stereotactic System by Varian Medical Systems. Stereotactic Radiosurgery (SRS) allows for the delivery of a highly localized dose of radiation to be administered in a single fraction. This advanced treatment modality is typically reserved for smaller tumors that are located in critical locations, such as the brain or spine.

"SRS is now a common modality to treat isolated brain metastases, which in the past, were typically treated with whole brain radiation that sometimes led to detrimental effects on brain function," said Ajay Bhatnagar, MD, radiation oncologist at CTSA. "Stereotactic Radiosurgery can effectively treat these isolated brain lesions while preserving the patient's cognitive abilities," said Dr. Bhatnagar. CTSA experienced this benefit firsthand when clinicians recently utilized SRS to treat a patient who had a lesion located in the brain. "Rather than treating the entire brain with radiation, we decided to proceed with SRS to this single lesion, allowing for a powerful localized dose of radiation to accurately target the tumor. The patient was successfully treated with no further evidence of the lesion on the subsequent scans, and also experienced no change in mental and physical abilities," said Dr. Bhatnagar.

CTSA is unique in its ability to offer patients this leading technology in Casa Grande, as this treatment modality is typically only offered in larger cities or academic medical centers with access to advanced radiation equipment. "We are very pleased to offer patients this advanced technology in Casa Grande," said Susan Vannoni, Director of Operations at CTSA. "Offering this level of technology allows our patients to receive world-class cancer care in a local, community setting. Patients can now receive superior cancer care without having to drive to Phoenix or Tucson, allowing more time to spend at home with family." New technologies, such as SRS, have allowed CTSA clinicians to precisely target the tumor and pinpoint the exact dose and delivery of radiation to successfully treat patients. "Implementing stereotactic radiosurgery has allowed us to precisely target the tumor and safely deliver a powerful dose of radiation to the cancer, providing for maximum dosage to the tumor, while sparing the surrounding healthy cells and nearby critical structures, which minimizes unwanted side effects," said Vannoni.

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About Cancer Treatment Services International, L.P.

Cancer Treatment Services International L.P. (CTSI L.P) is a provider of comprehensive treatment for cancer patients with a main focus on medical oncology and radiation oncology. The company was founded by a core group of physicians and businessmen with substantial experience in the development, operation and networking of cancer services on a national and international level. CTSI is able to provide innovative and technologically-advanced treatment solutions to areas of the world where therapy is currently inadequate in either quality or capacity. The company currently operates clinics and has development projects both in the U.S. and internationally.

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