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# First Hospital Based Focused Ultrasound Incisionless Procedure for Parkinson's & Essential Tremors in the Region Takes Place at Delray Medical Center

*Dr. Lloyd Zucker, neurosurgeon and medical director of neurosurgery, completes first case*

December 10 2021 – Delray Medical Center reported that it is

now the first hospital in the region to treat a patient with the new MR-guided focused ultrasound by INSIGHTEC™. This technology is a scalpel-free treatment for essential tremor and medication-refractory tremor-dominant Parkinson's disease. This device uses sound wave energy to treat brain tissue as the source of the tremor and there is no surgical incision or anesthesia necessary.

"I am honored to be able to not only treat the first patient at Delray Medical Center with this new groundbreaking procedure, but the first in any hospital in the region. We are now able to give those who suffer from this disease a chance to get back to living their lives, and pursuing their daily activities," said Dr. Lloyd Zucker, medical director of neurosurgery for Delray Medical Center. "We are at an exciting time in medicine when it comes to treating neuro-disorders, and this technology is a game changer for patients who have suffered from Parkinson's disease."

The MR-guided focused ultrasound combines two technologies, magnetic resonance imaging (MRI), which pinpoints the exact location in the brain responsible for the tremor, and ultrasound, which precisely delivers over 1,000 highly focused beams of acoustic energy at that exact location without damaging any surrounding brain tissue.

Some of the benefits to this technology include:

- No surgical incisions resulting in reduced risk of infection.
- Quicker recovery time with no surgical incision, allowing a return to daily activities within days.
- Performed as an outpatient procedure – most patients go home within 23 hours.
- Immediate and significant reduction in hand tremors.
- Treatment has minimum side effects.

Delray Medical Center has the advanced technology and services

to help with any of your neurological issues. As a member of the Advanced Neuroscience Network, an integrated delivery system of medical professionals and hospitals focused on offering a full continuum of neurological care throughout South Florida, we focus on everything from prevention and diagnosis to treatment and rehabilitation. For more information about our services go to our website at [www.delraymedicalctr.com](http://www.delraymedicalctr.com) or call 561-498-4440.

## **About Delray Medical Center**

For nearly 40 years, Delray Medical Center, part of the Palm Beach Health Network, is a 523-bed acute care hospital, has served the communities of South Palm Beach County. As both a community hospital and state-designated Level I Trauma Center located on a 42-acre medical plaza, Delray Medical Center has the ability to offer several specialized services including cardiac care, orthopedics, rehabilitation, neurosciences, emergency care and more. For the past 14 years, Delray Medical Center has been named one of America's 50 Best Hospitals by Healthgrades®, a leading independent healthcare ratings organization. Delray Medical Center is a recipient of the Healthgrades 2020 Patient Safety Excellence Award, a designation recognizing superior performance of hospitals preventing the occurrence of serious, potentially avoidable complications for patients during hospital stays. The hospital is also a Five-Star Recipient for Treatment of Heart Failure for 17 years in a row (2003-2019). Delray Medical Center is a state-designated Comprehensive Stroke Center by the DNV-GL and received Get With The Guidelines award for advanced therapy for Thrombectomy. In addition, the hospital earned the Get With the Guidelines – Heart Failure and Stroke Gold Plus Quality Achievement Awards from the American Heart Association/American Stroke Association in 2020. Delray Medical Center was also named by Healthgrades as a Five-Star Recipient for Treatment of Stroke for 12 years in a row (2008-2020). Pinecrest Rehabilitation and Outpatient Hospital

at Delray Medical Center is a CARF accredited rehabilitation unit, and the only state designated brain and spinal cord injury rehabilitation program in Palm Beach County by the state of Florida, Department of Health.

South Florida Hospital News and Healthcare Report's number one goal is top quality healthcare journalism written and edited for the region's most successful, powerful healthcare business executives and professionals.



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