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Delray Medical Center Becomes First Hospital in South Florida to Use Modus 3D System for Brain and Spine Surgery

 April 15th 2021- Delray Medical Center is the first hospital in South Florida to use the Synaptive's Modus V™ 3D exoscope. This technology is a fully automated, robotic digital microscope combining advanced optics with 3D visualization, video processing and robotic automation

allowing for a more precise excision of brain tumors. The hospital is also the first hospital in South Florida to use the Modus V™ 3D for spinal surgery. Utilizing voice-control surgeons can maintain focus at all times on the surgical field.

“This new technology is designed to offer improved procedural outcomes for patients, and give us the best opportunity to safely operate on the brain and spine,” said Dr. Lloyd Zucker, medical director of neurosurgery for Delray Medical Center. “We look forward to bringing these benefits to our patients at Delray Medical Center. The hospital is committed to bringing this and other groundbreaking technologies to South Florida.”

Unlike traditional microscopes, Modus V allows all members of the operating room team to see the magnified surgical field in 3D, which is displayed on a screen. At the same time the surgeon is viewing it in 3D. The Modus V provides a larger depth of field and magnification than a conventional operating microscope.

The video exoscope provides the clinician with auto-focus and voice-activated controls. This allows control of the camera position and all other camera functions hands-free, so the surgeon can keep operating at all times with better visualization and navigation.

“This advanced technology gives us a new option to treat patients with brain tumors, that could also enable them to have a better long-term quality of life,” said Maggie Gill, chief executive officer for the Palm Beach Health Network and Delray Medical Center. “We are always striving to bring patients in Palm Beach County the most comprehensive neurological treatment options close to home, and in a safe environment.”

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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.

Delray Medical Center is actively involved in community outreach, sponsoring several events, community lectures and fundraisers. The hospital is also a smoke-free campus. For more information or for a free physician referral, please call 1-800-897-9789 or visit the website at www.delraymedicalctr.com.

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