



PRESS RELEASE

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MARCUS NEUROSCIENCE INSTITUTE TREATS BRAIN ANEURYSM CASE EMPLOYING MINIMALLY INVASIVE PIPELINE™ PROCEDURE

Surgery takes only minutes to complete, improves patient outcomes

BOCA RATON, FL – November 25, 2014 – Doctors at the new Marcus Neuroscience Institute have treated their first brain aneurysm case using the innovative Pipeline™ embolization device. The minimally invasive endovascular procedure treats over-sized aneurysms in a matter of minutes and usually results in a full recovery for the patient.

In this aneurysm case at the Institute, the patient presented with headaches and a loss of function in her right eye, which had developed over two weeks. An MRI showed a large aneurysm acting as a “roadblock” that forced the patient’s nerves to go around it. This detour stretched the nerves and created extra pressure, which caused the headaches and drooping of the eye on one side.

“The nerves don’t mind being moved, but only to a point,” says Shaye Moskowitz, MD, PhD, Director of Cerebrovascular and Endovascular Neurosurgery at the Institute, who performed the procedure. “When the aneurysm grows to the size that it’s stretching the nerves so far, the nerves just stop working. In her case, it was the nerves that make the eyeball move.”

Traditional methods for treating aneurysms include filling it with platinum coils or clipping the aneurysm across its neck to stop blood from further filling the aneurysm. However, surgery in this region is extremely dangerous and an aneurysm this size is likely to come back if coiled. Thus, the Pipeline™ procedure has proven most effective.

The Pipeline™ embolization device is a small stent of cylindrical mesh that, once inserted into the vessel, redirects blood flow and allows the aneurysm to remodel itself. Within a few minutes, the grape-like aneurysm shrivels to about the size of a raisin. The stent eventually becomes incorporated into the blood vessel wall like rebar and will hold up permanently. As a result of this case, the patient’s nerves are no longer stretched, the headaches have dramatically improved and eye function is expected to be completely restored.

“This is a great procedure for the right patient with the right aneurysm,” says Dr. Moskowitz. “It’s safe, it’s quick and it fixes an otherwise very bad problem very easily.”

About Boca Raton Regional Hospital – Advancing the boundaries of medicine.

Boca Raton Regional Hospital is an advanced, tertiary medical center (BRRH.com) with 400 beds and more than 800 primary and specialty physicians on staff. The Hospital is a recognized leader in oncology, cardiovascular disease and surgery, minimally invasive surgery, orthopedics, women’s health, emergency medicine and the neurosciences, all of which offer state-of-the-art diagnostic and imaging capabilities. The Hospital is a designated Comprehensive Stroke Center by the Florida Agency for Health Care Administration (AHCA).

Boca Raton Regional Hospital is the recipient of the 2014 Distinguished Hospital Award for Clinical Excellence™ for the 10th year in a row and was named one of America’s 50 Best Hospitals in 2011, 2012, 2013 and 2014, both by Healthgrades®. Boca Raton Regional Hospital was also recognized for the third consecutive year in *U.S. News & World Report’s* 2013–2014 Best Hospitals listing as a top-ranked hospital in the South Florida metropolitan area.