



HOAG MEMORIAL HOSPITAL PRESBYTERIAN
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Hoag Becomes First Hospital on West Coast to Offer Revolutionary Robotic Navigation Platform for Spine Surgery

NEWPORT BEACH, CALIF., January 11, 2018 --- Hoag Memorial Hospital Presbyterian today announced it is the first hospital on the West Coast to offer ExcelsiusGPS™, the most advanced automated technology designed to enhance the safety and accuracy of robotic-assisted, minimally invasive spine surgery.

“This revolutionary technology provides our patients and clinical team with the most technologically advanced minimally invasive treatment option available,” said [Burak Ozgur, M.D., chief of service for the Neurosurgery Spine Program at the Pickup Family Neurosciences Institute at Hoag](#). “This robotic instrument still allows the surgeon to be in complete control, but gives them the added benefit of 3D guided navigation in one easy-to-use tool.”

By combining computerized navigation and robotics, the ExcelsiusGPS provides real time, detailed visualization throughout the procedure to help ensure success and improve outcomes. The system is designed to streamline the procedure, reduce overall radiation exposure to the patient, surgeon and staff, and minimize pain and recovery time after surgery. This new technology allows surgeons to work using the preoperative scans, reducing the need for intraoperative radiation exposure while providing the detailed imaging road map that allows for precision and success.

Hoag has received numerous national, state and local accolades for its success with robotic-assisted, minimally invasive surgery, as well as being named one of the [Top 100 Hospitals & Health Systems with Great Neurosurgery and Spine Programs for 2017 by Becker's Hospital Review](#). Hoag has shown repeatedly how such surgery can result in less blood loss, reduced muscle damage and faster recovery times. This new platform is representative of Hoag's dedication to innovation in increasing safety and accuracy within the operating room.

In the coming months, Hoag will also serve as a training facility for surgeons across the country that want to observe and train in spine procedures using the ExcelsiusGPS.



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Robotic platforms are important tools throughout Hoag's centers of excellence. In fact, advanced computer-assisted technology is becoming the standard of care in cancer, women's health, cardiovascular conditions and general surgery at Hoag. By introducing this new technology to [spine neurosurgery](#), Hoag is upholding its commitment to improving outcomes for patients through continued innovation.

"We continue to invest in these state-of-the-art tools because our patients expect and deserve the best and latest technology that medicine has to offer," said [Michael Brant-Zawadzki, M.D., F.A.C.R., senior physician executive and the Ron & Sandi Simon Executive Medical Director Endowed Chair of the Pickup Family Neurosciences Institute, Hoag.](#)

ABOUT THE PICKUP FAMILY NEUROSCIENCES INSTITUTE

Delivering a personalized, integrated approach using best-practice guidelines, the most advanced technology, and integration of medical specialists in the most appropriate facilities, the [Pickup Family Neurosciences Institute \(PFNI\) at Hoag](#) provides the highest quality care for patients with brain and spine disorders including stroke, aneurysms and vascular malformations, brain tumors, epilepsy, movement disorders, memory and cognitive disorders, pain, minimally invasive spine surgery, multiple sclerosis, addiction medicine and sleep disorders, as well as the mind-body interface of behavioral health. Several of Hoag's PFNI programs have received high acclaim, including the stroke program at Hoag, which was the first hospital in Orange County and the second in California to be named a Certified Comprehensive Stroke Center by DNV GL Healthcare. It was awarded the American Stroke Association's Get With The Guidelines Stroke Gold Plus Performance Achievement for stroke care. And as one of the first centers in the U.S. to offer the most advanced radiosurgical treatment system available, Leksell Gamma Knife® Perfexion™, Hoag's brain tumor program is the largest in Orange County and is also among the top volume programs in the western United States. The epilepsy program is an accredited Level 3 center. The PFNI's memory and cognitive disorders program is nationally recognized.

ABOUT HOAG MEMORIAL HOSPITAL PRESBYTERIAN

Hoag is an approximately \$1 billion nonprofit, regional health care delivery network in Orange County, California, that treats more than 30,000 inpatients and 425,000 outpatients annually. Hoag consists of two acute-care hospitals – Hoag Hospital Newport Beach, which opened in 1952, and Hoag Hospital Irvine, which opened in 2010 – in addition to seven health centers and ten urgent care centers. Hoag is a designated Magnet® hospital by the American Nurses Credentialing Center (ANCC). Hoag offers a comprehensive blend of health care services that includes five institutes providing specialized services in the following areas: [cancer](#), [heart and vascular](#), [neurosciences](#), [women's health](#), and orthopedics through Hoag's affiliate, [Hoag Orthopedic Institute](#), which consists of an orthopedic hospital and two ambulatory surgical centers. In 2013, Hoag entered into an alliance with St. Joseph Health to further expand health care services in the Orange County community, known as St. Joseph Hoag Health. Hoag has been named one of the Best Regional Hospitals in the 2017 - 2018 *U.S. News & World Report*, and *Becker's Hospital Review* named



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Hoag as one of the 2016 “100 Great Hospitals in America” – a designation Hoag has received four times. For an unprecedented 22 years, residents of Orange County have chosen Hoag as one of the county’s best hospitals in a local newspaper survey. Visit www.hoag.org for more information.

ABOUT GLOBUS MEDICAL

Globus Medical, Inc. is a leading musculoskeletal implant manufacturer and is driving significant technological advancements across a complete suite of spinal products. Founded in 2003, Globus’ single- minded focus on advancing spinal surgery has made it the fastest growing company in the history of orthopedics. Globus is driven to use superior engineering and technology to achieve pain free, active lives for all patients with spinal disorders.

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