Six Degrees

Newsletter – Volume 15 Published by Medtech SA

Mark Shaker, president and CEO of Miami Valley Hospital: “We are thrilled to be the first facility in the U.S. to now have ROSA™ Spine, and we are confident that Medtech’s robotic technology will expand our minimally invasive spinal surgery options for the region.”

ROSA™ Spine was granted FDA clearance in the U.S. in January 2016, and received the CE Mark in 2014.

Read the full news here

Ten new ROSA® robots adopted!

Including the first ROSA™ Spine robot in the US!

USA: Seven (7) US Medical centers have recently acquired a ROSA™:

- 2 in Mount Sinai Hospital (New York),
- Akron Children’s Hospital (Akron, Ohio),
- The Yale Comprehensive Epilepsy Center (New Haven, Connecticut),
- Miami Valley (Dayton, Ohio),
- Brigham and Women's Hospital (Boston, Massachusetts),
- University of Colorado Hospital (Aurora, Colorado),
- France: Rouen University Hospital.

China: 2 new sales of ROSA™ were made in this dynamic Asian market.

First surgery with ROSA™ in Australial!

An SEEG procedure assisted by the ROSA™ brain system, was performed to treat a patient with epilepsy, by precisely implanting electrodes in the brain to determine the area most likely to be responsible for seizures. The procedure was performed by Dr. JASON JAPACOSTAS at Mater Hospital in Brisbane on a 47-year-old patient with drug-resistant epilepsy. Watch the report broadcast by the Australian TV here.

What the Doctors say about ROSA™

“This new technology not only assists our team in identifying where in the brain seizures may be occurring, but also helps us target these areas with greater precision during surgery to provide families with answers on how to stop the seizures.” Dr. Matt SMYTH

In February, St. Louis Children’s Hospital became the first hospital in the region to employ the use of ROSA™, a new generation of robotic neurosurgery technology that has cut surgery time from upwards of six hours to two, and recovery time from weeks to days.

Read the press release here

ROSA™, Ambassador for French Creativity

Medtech and ROSA™ have been selected among several talented French companies by the French Ministry of Foreign Affairs, through the agency ‘Business France’, for a campaign aimed at promoting French creativity and nationwide attractiveness abroad. Several billboards have been put up and a video of our CEO, Bertin NAHUM, has been released. Watch the spot "Creative Surgery" here.

What are the latest ROSA™ acquisitions?

Rouen University Hospital (FRANCE) has recently acquired a ROSA™ robot for its neurosurgery department. Rouen University Hospital is a prestigious center in the field of neurosurgery, particularly for the treatment of epilepsy.

Le Point magazine (a weekly review similar to Time Magazine or Newsweek) ranked the hospital among the top 10 French hospitals caring for patients suffering from epilepsy.

Click here for more information

ROSA™ latest scientific publications released!

Technique, Results, and Complications Related to Robot-Assisted Stereoelectroencephalography

GONZALEZ-MARTINEZ J., MD, PhD*; BUCALO J., MD*; THOMPSON S., MSc*;
GALE J., PhD*; SMITHSON S., MD*; NAJMI J., MD*; BINGWAMAN W., MD**;
*Epilepsy Center and †Department of Neurosurgery, Neurological Institute, Cleveland Clinic, Cleveland, Ohio,

Accuracy of thoracolumbar transpedicular and vertebral body percutaneous screw placement: coupling the Rosa® Spine robot with intraoperative flat-panel CT guidance—a cadaver study

LEFRANC M. & PELLIER J.
Amiens-Picardy University Hospital, France
Published Online, October 22, 2015 – J Robotic Surg DOI 0.1007/s11701-015-0536-x. Click here for abstract

Milestones...

69 ROSA® robots worldwide.

Over 3,100 procedures performed with ROSA™ in the world.

22,000 electrodes implanted thanks to ROSA™.