BRAINLAB

Press Release

Robotic Surgical Assistant from Brainlab Receives FDA Clearance

Cirq now available to support spine surgeries in the US

Chicago, September 19, 2019— Today Brainlab announced FDA clearance for Cirq® Robotics which allows the medical technology company to bring the device to the market in the United States for spinal applications. Cirq is a lightweight, surgeon-controlled robotic arm system designed to help increase precision in navigated spinal surgery procedures. The cost-effective system was designed to support surgeons' existing workflows, so it integrates seamlessly into the surgical environment.

"The US market is very important for the robotics industry as a whole," commented Rainer Birkenbach, Chief Technology Officer at Brainlab. "Since March 2019 when Brainlab acquired Medineering, our Munich-based robotics partner, we've been looking forward to bringing Cirq to American spine surgeons. Now clinicians in the US have access to robotic support for their spinal surgeries at an accessible price point."

This intelligent arm allows the surgeon to control and position the system in seven degrees of freedom. At just 22lbs and without an additional monitor cart, Cirq easily mounts directly onto any standard O.R. bed rail and is fully surgical navigation ready. Once aligned to the planned trajectory and locked into place, it provides a rigid working channel for spinal drilling and pedicle screw placement. Cirq is also vendor-neutral in regards to spinal hardware, so the surgeon has full clinical options for their patient care.

To learn more about Cirq Robotics, visit brainlab.com/cirq or join Brainlab at the North American Spine Society (NASS) Annual Meeting in Chicago from September 25 – 28, 2019 at booth 3219.

About Brainlab

Brainlab, headquartered in Munich, develops, manufactures and markets software-driven medical technology, enabling access to advanced, less invasive patient treatments.

Core products center on information-guided surgery, radiosurgery, precision radiation therapy, digital operating room integration, and information and knowledge exchange. Brainlab technology powers treatments in radiosurgery and radiotherapy as well as numerous surgical fields including neurosurgery, ENT, CMF, spine and trauma.

Privately held since its formation in Munich, Germany in 1989, Brainlab has more than 12,850 systems installed in over 100 countries. Brainlab employs almost 1,400 people in 18 offices worldwide, including more than 420 research and development engineers, who form a crucial part of the product development team.

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