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screenshol-www.businesswire.com-2022.10.12-09\_0 e/20221012005027/en/ZAP-Surgical-Announces-Rapid-Global-Expansion-with-the-First-ZAP-X-Gvroscopic-Radiosurcerv-Platform-Installation-in-P



### October 12, 2022 07:15 AM Eastern Daylight Time

SAN CARLOS, Calif.--(BUSINESS WIRE)--ZAP Surgical Systems, Inc. today announced that the University Hospital in Olsztyn, in collaboration with the University of Warmia and Mazury in Olsztyn, will become the first center in Poland and Eastern Europe to offer completely non-invasive brain tumor treatments with the ZAP-X® Gyroscopic Radiosurgery® platform. System installation has commenced, and first patient treatments are planned to begin in early 2023.

"To protect the healthy brain and preserve patient cognitive function, cranial radiosurgery requires exacting precision beyond that which is typical of conventional radiotherapy of the body"

SRS procedure requires no incisions and is painless. In most cases patients immediately return to normal activities following SRS. The recently unveiled ZAP-X radiosurgery system is renowned for its unique use of two axes of motion to direct radiation beams from hundreds

of unique angles. This maneuverability allows clinicians to lower incidental

radiation exposure to the brain and nearby organs at-risk, thus aiming to

As a completely non-invasive outpatient treatment for select brain tumors

alternative to historical surgical procedures. Unlike surgery however, the

and metastatic disease, stereotactic radiosurgery (SRS) is a proven

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lower the potential for patient complications.

"To protect the healthy brain and preserve patient cognitive function, cranial radiosurgery requires exacting precision beyond that which is typical of conventional radiotherapy of the body," says Prof. Dr. Sergiusz Nawrocki, Head of the Department of Oncology and Radiotherapy Clinic at the University of Warnia and Mazury in Olsztyn, and Head of the University Medical College. "From the gyroscopic dual axes design, down to the smallest details, everything about ZAP-X is purpose-built for SRS, and will allow us to better focus high-intensity radiation on tumors while strictly controlling potential radiation exposure of critical structures such as the eyes and brain stem."

The ZAP-X system is the latest advance in surgical robotics and first new dedicated cranial radiosurgery platform in nearly half a century. Prior to ZAP-X, state-of-the-art SRS often required hospitals to house large quantities of costly and dangerous Cobalt-60 for radiosurgery beam generation. ZAP-X eliminates this requirement by using leading-edge linear accelerator technology.

ZAP-X is also the first and only radiation delivery system to eliminate the need for 2-3-million-pound concrete radiation treatment vaults, thereby allowing for exterior treatment suite windows for the first time ever. This breakthrough not only creates a more comfortable patient experience, but also brings world-class SRS to communities previously considered infeasible by significantly reducing healthcare system costs.

Learn more at Zap Surgical and follow us on LinkedIn and Twitter. Detailed system videos can be found on Zap Surgical's YouTube page.

About ZAP Surgical Systems, Inc.



The Institut du Cancer Courlancy in Reims, France to acquire the ZAP-X Gyroscopic Radiosurgery platform. Site to be among Europe's first to offer the latest innovation in

# 10/12/22, 9:10 AM

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ZAP Surgical Systems, Inc. designs and manufactures the ZAP-X® Gyroscopic Radiosurgery® platform. ZAP was founded in 2014 by Dr. John R. Adler. In addition to being CEO of ZAP, Dr. Adler is Emeritus Dorothy & TK Chan Professor of Neurosurgery and Radiation Oncology at Stanford University. Dr. Adler is also renowned as the inventor of the CyberKnife<sup>®</sup> system and founder of Accuray, Inc. The ZAP-X platform incorporates a unique vault-free design that typically eliminates the need for costly shielded treatment rooms. ZAP-X also utilizes a modern linear accelerator to eliminate legacy use of Cobalt-60.

#### Contacts

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