Mazor marks the spot for Mercy back patients

It is not just information technology specialists that have to constantly keep up with new tools and trends, surgeons also are part of a field where robots have become a permanent part of the equation.



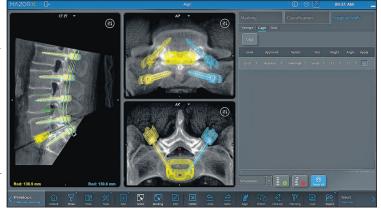
surgeons also are part of a field where robots have become a permanent part of the equation. "Technology is constantly evolv-since I completed residency," shares Dr. Steven Schopick, Attending Neu-rosurgeon at the Mercy Neurosurgery Clinic in Cetar Rapids. Schopick, who's been with Mercy since Feb-ruary 2022, has been in practice as a neurosur-geon at the Mercy Schopen of the New-set technology he's using the Mazor is a robot set technology he's using the Mazor is a robot. "The Mazor is a robot of the Neuropean of the Mercy Schopen and the Mercy Schopen of the presenting of the Neuropean of the Neuropean of the Neuropean technology he's using the Mazor is a robot. "The Mazor is a robot set technology he's using preoperative or intraoperative CT," he construction of the Neuropean technology he's using the Neuropean of the Neuropean or a ccurately using preoperative or intraoperative or intra-operative or intraopera-tives planning. With features such as the next step." The Mazor robotic guidance system and the sobotic technology, spine the sobotic setten of the plan in the operating room using navigation and the operative recisely.

implants precisely. Technological advancements in surgery like this spine robotic guidance platform benefit patients in multiple

platform benefit patients in multiple ways. "From shorter operative time and more accurate screw placement, this will reduce the risk of complications, shorten anesthesia time and reduce exposure to radiation," Schopick adds. Based on decades of experience, Stealth Navigation technology allows for real-time visualization of the im-plant entering the anatomy relative to the pre-operative plan. The procedure is executed intra-operatively by com-bining two guidance technologies in a comprehensive platform that helps surgeons achieve goals for their pa-tients with confidence. Navigation pro-vides the visibility that closes the loop on the execution of the plan. But this is just the beginning when it comes to technology improving medical practice. "The use of the Mazor to place screws is just the first step in the use of robusci in spine surgery. In the near future, the robot will help to guidabone removal, decompress nerves and allow safer placement of interbody cages between the vertebral bodies," he says. Minimaller incisions, less blood loss and shorter hospital stays when compared to traditional open surgical procedures. Surgeons can also use this robotic guidance system during tradi-tional open surgical procedures. Merinaller incision of heurological Surgeons, is being able to help patients with specific interventions that were never "From shorter operative time and

sociation of Neurological Surgeons, is being able to help patients with specific interventions that were never possible in the past.





urgeons employ the use of the Mazor X Stealth Edition Spi notos courtesy of Mazor ootic Guidance System to place screws with more p

"We recently had a patient who required a fusion of the lower lumbar spine. Due to prior surgery and trau-ma, his spinal anatomy was quite dis-torted. He had been writered

surgery else where due to the difficulty in placing screws in his spine," details Schop-

shorten anesthesia time and reduce exposure to radiation" - Dr. Steven Schopick, Mercy Neurosurgery Clinic

operative time urate screw is will reduce mplications, thesia time and ure to radiation" was recognized bistinction Cen-ters designation for spinal sur-gery. St. Lukes, Mercy lowa City and the Univer-gery. St. Lukes, Mercy lowa City and the Univer-gers, st. Lukes, Mercy lowa City and the Univer-gers and the sentent surgery program, these nationally designated providers demonstrate expertise in delivering high-quality patient safety and better health out-comes. The recognition is based on objective measures developed with input from the medical community

would have been almost impossible and leading accreditation and quality

Would nave been atmost impossible without this current technology." The Mercy Neurosurgery Clinic includes care and treatment for brain, neck and spine operative time urate screw was recomized



Avoid having sex until you and your sex

mer both **complete treatment**.

Public Health



Mazor allows for operative planning based on the patient's unique spinal anatomy

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been refused From shorter operative time and more accurate screw placement, this will reduce the risk of complications,

ick. "We were pre-p able to pre-plan

the placement of screws within a very tight corridor. During surgery, screw placement went quite easily. He is now without pain for the first time in years. This case