

BUSINESS

Medical center embraces robotic tools for spinal operations

Los Robles Health System offers the community a digitized operating room with the acquisition of two new platforms for spinal surgery.

The medical center is ranked No. 1 in California for spine surgery by Healthgrades,

Recently, staff at Los Robles performed its first case, led by Dr. Erik Spayde, using the Globus ExcelsiusGPS Robotic Navigation System.

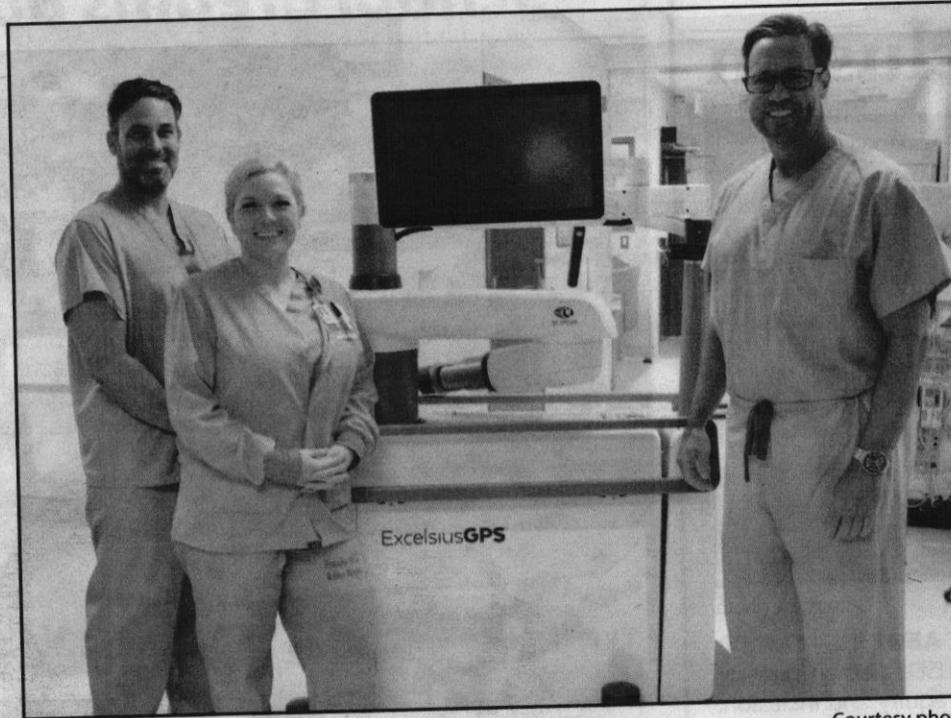
The system combines robotics and navigation in one multifunctional package. The platform is compatible with any imaging system and allows the surgeon to visualize, plan and navigate patient anatomy in real time.

They system combines a rigid robotic arm and full navigation capabilities into one platform for accurate trajectory alignment in spine surgery.

The system streamlines surgical workflow and reduces radiation exposure, enhancing safety and improving efficiency in the operating room.

"This technology has revolutionized the way spine surgery is performed for patients with spinal disorders," said Spayde, chief of spine surgery at Los Robles Health System.

"Much like we use a GPS device in our car to find the best route to our destination, the robotic navigation system allows us to



Courtesy photo

TECHNOLOGY BONUS—Los Robles Regional Medical Center uses a digitalized, robotic operating room for spinal procedures. The system reduces radiation exposure, enhancing safety and improving efficiency in the OR.

create a plan that is based on each patient's anatomy, all while enhancing precision and optimizing our overall patient experience," he said.

The hospital also acquired the NuVasive Pulse platform, which will be integrated in August.

The new platform is designed to increase

safety and efficiency of surgical outcomes in spine surgery.

In a single platform, it integrates radiation reduction, imaging enhancement, rod bending, navigation, intraoperative neuromonitoring and spinal alignment tools.

It can be used in 100% of spine procedures and throughout the entire operating room workflow.

With multiple modalities easily accessible in one platform, the new technology helps surgeons address some of the most common clinical challenges in spine surgery, such as radiation exposure, nerve and spinal cord injury, and time spent in the OR.

The availability and interconnectivity of the state-of-the-art technologies enhance a surgeon's capabilities and enable the adoption of less invasive and more advanced surgical procedures, which may lead to reduced anesthesia, speedier recovery for the patient and reduced time in the hospital, resulting in lower out-of-pocket costs to the patient.

"Both systems improve a surgeon's workflow, how they work in the operating room and provide them versatility in the variety of spine procedures they can conduct," said Austin Manning, chief operating officer at Los Robles.

For details, call the physician referral line at (877) 888-5746.