



Da Vinci Xi Affords Surgeons – and Patients – Surgical Precision Benefits

St. Rose Dominican Hospital introduced its first Da Vinci Surgical System more than a decade ago to questions of whether the technology was a passing fad or would one day render surgeons obsolete. Now using the latest generation da Vinci Xi system, fully funded by the St. Rose Dominican Health Foundation, surgeons routinely use the hospital's robotic systems as valuable tools in helping their surgical patients feel better and get back on their feet sooner.

According to Dr. Jiashou “Jimmy” Xu, Bariatric Surgeon and Medical Director for the Weight Loss Surgery Center at St. Rose, robotic surgery is not autonomous. The surgeon controls the da Vinci Xi from a console. Using the three-dimensional, high-definition views of a patient's anatomy the system provides, the surgeon guides the robot's thin, nimble robotic arms, which are equipped with small surgical instruments to perform surgeries that allow for exceptional surgical precision. For patients, the surgical advancement results in smaller surgical incisions, less blood loss, less pain, and shorter hospital stays and recovery times.

Robotic-assisted surgery, performed at both the Siena and San Martín campuses, is used for general, urological, gynecological, colorectal, and cardio thoracic procedures.

