

St. Luke's Iowa's robotic leader



Doctors at St. Luke's are using robots in the operating room more than any other hospital in the state because the technology is helping patients recover faster with better outcomes.

Robots for a faster recovery

Robots in heart care



Joystick

Doctors control the catheter with greater precision and accuracy using a joystick, which is connected to a robotic arm.

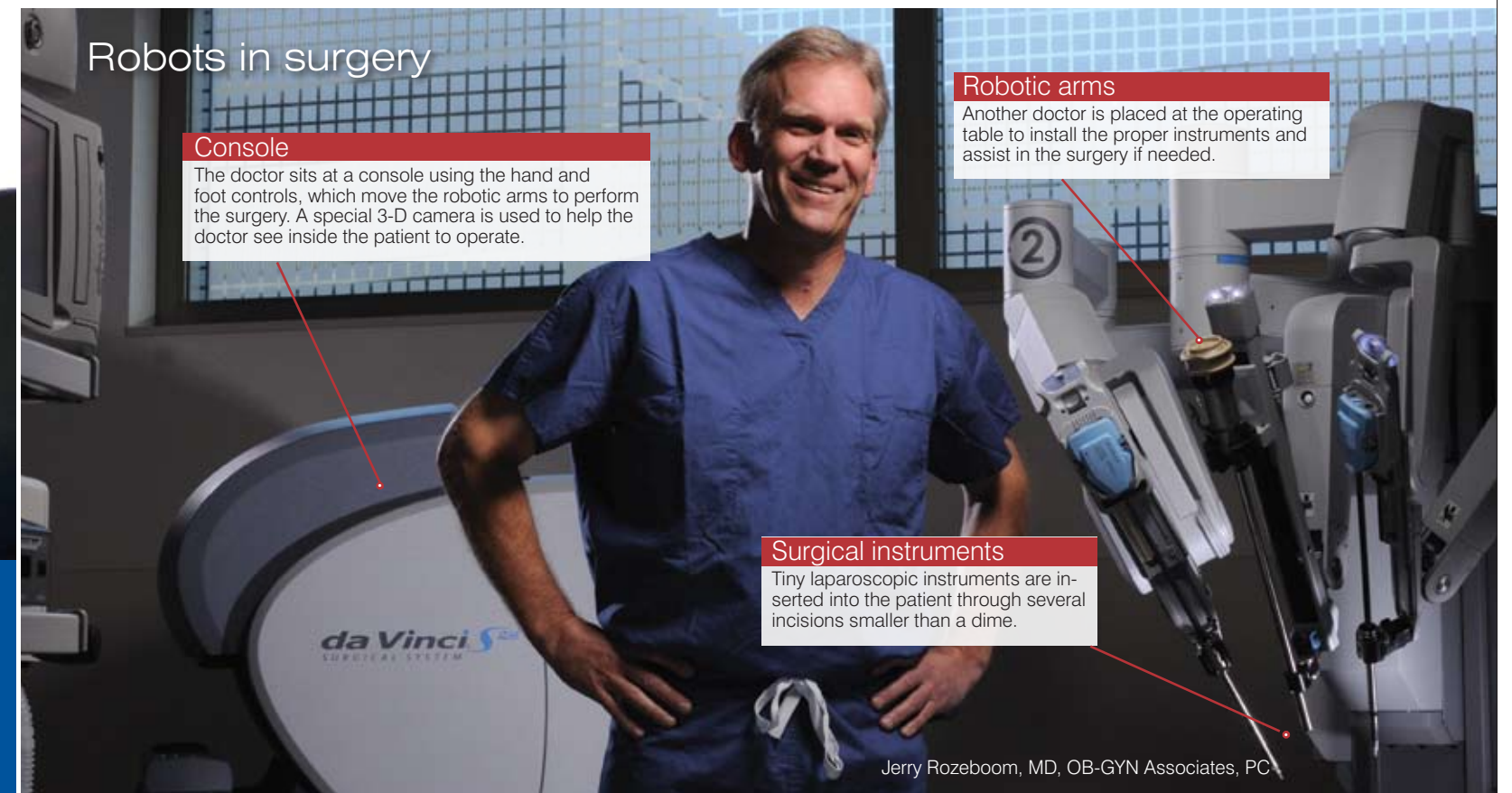
Control station

A 3-D map of the heart assists doctors in catheter placement.

Catheter

The catheter can be threaded into hard-to-reach areas in a patient's heart to stop abnormal rhythms.

Robots in surgery



Console

The doctor sits at a console using the hand and foot controls, which move the robotic arms to perform the surgery. A special 3-D camera is used to help the doctor see inside the patient to operate.

Robotic arms

Another doctor is placed at the operating table to install the proper instruments and assist in the surgery if needed.

Surgical instruments

Tiny laparoscopic instruments are inserted into the patient through several incisions smaller than a dime.

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