



Surgical Robotics

WELCOME TO THE SURGICAL ROBOTICS INSTITUTE

Learn how our robotic-assisted surgery can help patients.

First, let's address a common misconception: A robot will not be performing surgery.

Despite its name, robotic-assisted surgery is actually performed by our highly experienced, specially trained surgeons, who are assisted by an integrated system of advanced computer and robotic technologies. Using this system, our surgeons have better visualization, dexterity, and control, which may contribute to better patient outcomes. In addition, the minimally invasive technique offers other benefits, including:

- Shorter hospital stay
- Less pain
- Less risk of infection
- Less blood loss and transfusions during surgery
- Less scarring
- Quicker recovery and return to normal activities

WE CURRENTLY PERFORM THESE PROCEDURES:

Gynecologic Surgery:

Hysterectomies and other procedures to treat gynecologic cancer.

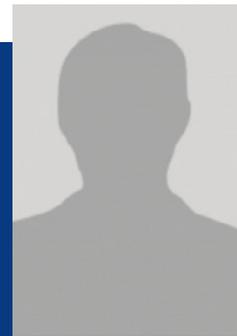
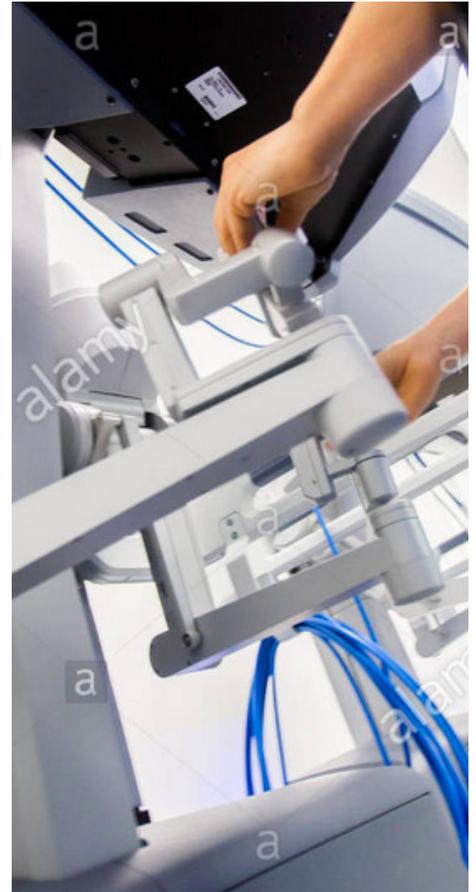
Prostate Surgery: Procedures to treat prostate cancer, including prostatectomy (removal of the prostate), removal or partial removal of the kidneys, and other procedures.

General Surgery: Procedures like hernia repair and removal of the appendix.

MEET THE SURGICAL ROBOTICS INSTITUTE TEAM

Our Surgical Robotics Institute team is led by Dr. Kevin Davis, a surgeon who has performed nearly 1,500 robotic procedures at Swedish Medical Center. He's a graduate of Colorado State University and Texas Tech University School of Medicine. Dr. Davis also completed a residency at the University of Michigan Medical School and a fellowship at the Mayo Clinic.

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MEET THE TEAM

Dr. Kevin Davis

Surgical Robotics
Institute Medical Director



MEET OUR MEDICAL DIRECTOR

“I always thought I’d be a football coach or a chemistry teacher,” says our medical director, Kevin P. Davis, MD.

Instead, he became a board-certified obstetrician/gynecologist and oncology physician. Dr. Davis earned his undergraduate degree at Colorado State and a medical degree at Texas Tech University. Then he completed a four-year residency in obstetrics and gynecology at the University of Michigan, which was followed by a three-year gynecologic oncology fellowship at the Mayo Clinic.

A WINNING MINDSET

To Swedish Medical Center, Dr. Davis brings a mindset that’s familiar to anyone who has ever been on a sports team or mastered a challenging subject like chemistry: Teamwork is everything, everyone plays an important part, and pay attention to the details.

If you’re one of his robotic surgery patients, you’ll probably hear Dr. Davis going into coach mode and offering this pre-procedure advice:

Carbo-load! During the evening before your surgery, treat yourself to your favorite pasta dish.

Hydrate! Make sure you drink plenty of water.

Come in with a good attitude. Or, as Dr. Davis says, “Rah-rah! We gotta win!”

A WINNING TEAM

Since 2006, the Swedish Medical Center surgical robotics team has done nearly 3,000 procedures. Just like a winning coach, Dr. Davis is quick to praise the team – the surgeons, anesthesiologists, and nurses. Some, like Jody [last name] and Wendy [last name], have been with the program since it began. Others, like Denise [last name] have a decade of experience.

Like a sports dynasty, our experienced surgical robotics team keeps getting better. Their equipment is also improving. Dr. Davis points to the acquisition of a third DaVinci Xi Surgical System, noting that it’s like “going from a Volkswagen to a Porsche.” He cites a recent surgical case, where he thought he saw something on a side wall. If you’re a cancer surgeon, “something” can mean trouble. The new instrumentation confirmed his suspicions, and he was able to deal with the problem.

In robotic surgery, the ultimate winners are the patients. After their procedures, they’re pleasantly surprised by how good they feel. No excruciating pain and no restrictions on everyday activities like eating. Even better, they can go home the same day, or, at the very latest, the next day.



MEET THE TEAM
Gale Garcia
Nurse Navigator



continued... WELCOME TO THE SURGICAL ROBOTICS INSTITUTE

The Institute’s operations are overseen by our administrative lead, Tyler Hood. He’s excited to be part of our growth, noting that, as compared to the first quarter of 2017, “We’ve done 50 additional procedures – that’s a 66% increase.”

That’s why the Institute is expanding from three robotic operating rooms to four. “We’re planning on starting the construction in July,” Hood says. The construction is expected to last 4-6 months.

“I GET JEALOUS IN MY ROLE ...”

Although the operating rooms are an important part of the Surgical Robotics Institute, we’d like to introduce you to some people who really make the place special: Our nurses. Led by Rachael McEnrue, the nurses on our dedicated inpatient unit take teamwork seriously. They closely monitor patients from the moment they arrive on the unit until they’re discharged. Matter of fact, the nursing team is so good at what they do, Tyler Hood admits that he

feels jealous in his role. And, note to prospective employees, there’s very low nurse turnover on our surgical robotics inpatient unit.

While we’re talking about nurses, let’s meet Gale Garcia. Her official title is Nurse Navigator, and she walks patients through the entire care process at Swedish. A natural ambassador, Gale is here to reduce anxiety while building trust.

Tip: You can never ask Gale too many questions. Ever.



MEET THE TEAM
Rachael McEnrue
Lead Nurse



WHAT'S A TAP BLOCK?

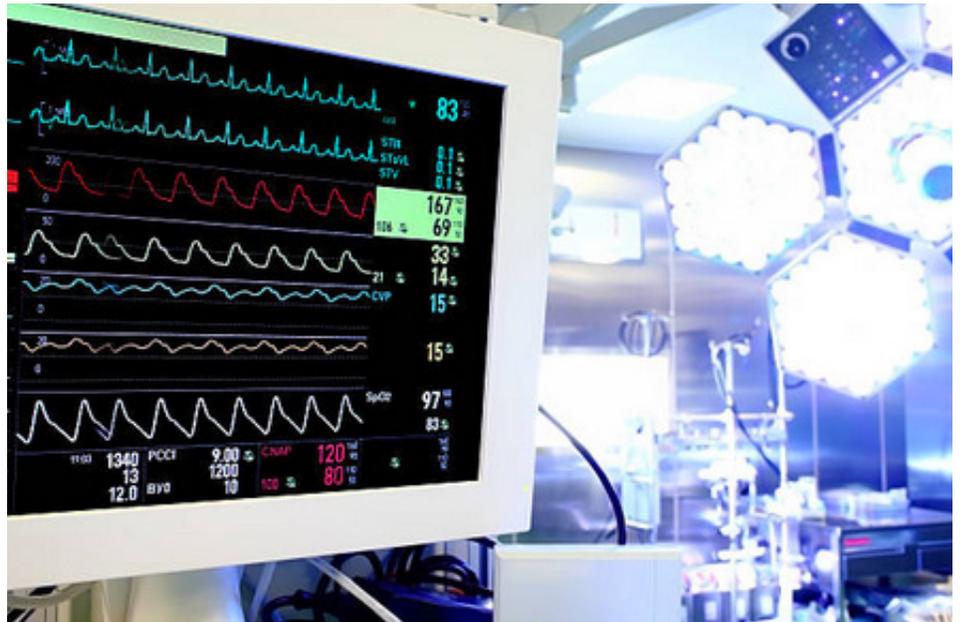
Understand how this pain management technique eases your way to recovery.

If you or someone you know has been scheduled for a gynecologic procedure like a hysterectomy, you might have heard the doctor talk about a TAP block. Let's find out what this technique is, and why it is used at Swedish Medical Center.

A BRIEF ANATOMY LESSON

First, let's define the term "TAP." It refers to an abdominal muscle layer called the transversus abdominis plane.

The block happens when an anesthesiologist injects a local anesthetic into this muscle layer. This results in nerve numbness that lasts for a day or two.



UNDER THE UMBRELLA - WITH MANY ADVANTAGES

Swedish Medical Center anesthesiology chief Adam Weingart, MD, notes that TAP blocks are "under the umbrella of multimodal pain control." TAP blocks offer many advantages, including:

Lower pain scores after surgery

Less need for opioid pain relievers

If opioids are used, patients experience fewer side effects

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