Advantages of surgical robots

- 10X Magnification in 3D
- 47° Average rotational range of human hand
- 360° Rotational range of da Vinci® robot “arm”
- Rotational range of da Vinci® robot “arm”

Our surgeons have performed more than 4,000 ROBOTIC SURGERIES SINCE 2004.

- 332 surgeons trained in RAS at Roswell Park representing 14 countries
- 20 different gastrointestinal, genitourinary, head and neck, lung and gynecologic cancers

Roswell Park is a world leader in the number of robotic cystectomies (removal of the bladder), with nearly 500 surgeries performed.

Surgeons at RPCI perform robotic procedures for more than 20 different gastrointestinal, genitourinary, head and neck, lung and gynecologic cancers.

Training Future Generations of Surgeons

- 197 high school students from Buffalo and Detroit have competed in the JUNIOR ROBOTIC SURGERY CHALLENGE over the past 3 years.

A Series of Firsts

- 1st dedicated training research and development center for surgical innovations at ATLAS
- 1st video-based textbook about robot-assisted surgery
- 1st surgical simulators for robot-assisted surgery

Co-invented by Roswell Park and the University at Buffalo, The RoSS™ (Robotic Surgery Simulator) was one of the 1st surgical simulators for robot-assisted surgery.

roswellpark.org/robotics