

Robotics In General Surgery: The Ultimate Guide for Surgeons



Robotics in General Surgery by Asunta Simoloka

★★★★★ 5 out of 5

Language : English
File size : 19374 KB
Text-to-Speech : Enabled
Screen Reader : Supported
Enhanced typesetting : Enabled
Print length : 1092 pages



Robotic-assisted surgery is a rapidly growing field that is revolutionizing the way general surgeons perform operations. This comprehensive guide by Asunta Simoloka provides surgeons with everything they need to know about this cutting-edge technology.

What is Robotic-Assisted Surgery?

Robotic-assisted surgery is a type of minimally invasive surgery that uses a robotic system to assist the surgeon. The surgeon controls the robotic arms from a console, which provides a three-dimensional view of the surgical site. This allows the surgeon to perform complex procedures with greater precision and control than is possible with traditional open surgery or laparoscopy.

Benefits of Robotic-Assisted Surgery

Robotic-assisted surgery offers a number of benefits for patients and surgeons alike. These benefits include:

- Smaller incisions
- Less pain and scarring
- Shorter recovery times
- Reduced risk of complications
- Improved precision and control
- Enhanced visualization of the surgical site

Applications of Robotic-Assisted Surgery in General Surgery

Robotic-assisted surgery can be used for a wide range of general surgery procedures, including:

- Cholecystectomy (gallbladder removal)
- Appendectomy (appendix removal)
- Hernia repair
- Colorectal surgery
- Bariatric surgery
- Thoracic surgery

Training and Certification for Robotic-Assisted Surgery

Surgeons who wish to perform robotic-assisted surgery must undergo specialized training and certification. This training typically includes both didactic and hands-on experience. Once a surgeon has completed the

training and certification process, they are qualified to perform robotic-assisted surgery.

The Future of Robotic-Assisted Surgery

Robotic-assisted surgery is a rapidly evolving field, and new technologies are being developed all the time. In the future, we can expect to see even more widespread use of robotic-assisted surgery in general surgery and other surgical specialties.

About the Author

Asunta Simoloka is a world-renowned expert in robotic-assisted surgery. She is the author of numerous articles and book chapters on the subject, and she has lectured extensively both nationally and internationally. Dr. Simoloka is currently the Director of the Robotic Surgery Program at the University of California, San Francisco.

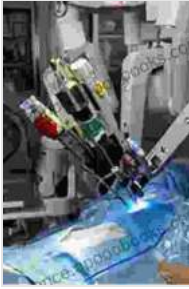
Robotics In General Surgery is the definitive guide to robotic-assisted surgery for general surgeons. This comprehensive book provides surgeons with everything they need to know about this cutting-edge technology, including the benefits, applications, training, and certification requirements. With the help of this book, surgeons can learn how to use robotic-assisted surgery to improve the outcomes of their patients.

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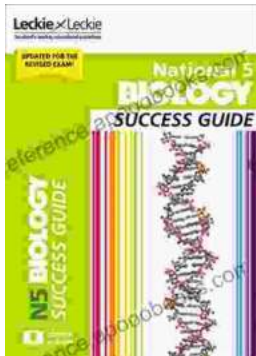
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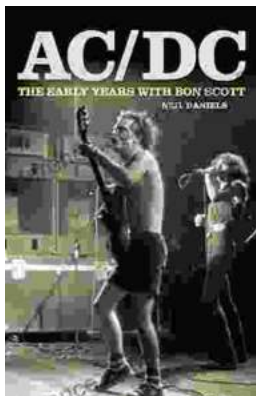


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