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Titolo	Essentials of Robotic Surgery / / edited by Matthew Kroh, Sricharan Chalikonda
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ISBN	3-319-09564-1
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Descrizione fisica	1 online resource (225 p.)
Disciplina	610 617 617.05 617.555
Soggetti	Surgery Endoscopic surgery Colon (Anatomy) - Surgery General Surgery Minimally Invasive Surgery Colorectal Surgery
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	History of and Current Systems in Robotic Surgery -- Training and Credentialing in Robotic Surgery -- Basic Set-Up, Principles, and Troubleshooting in Robotic Surgery -- Essentials and Future Directions of Robotic Esophageal Surgery -- Essentials and Future Directions of Robotic Gastric Surgery -- Essentials and Future Directions of Robotic Bariatric Surgery -- Essentials and Future Directions of Robotic Colon Surgery -- Essentials and Future Directions of Robotic Rectal Surgery -- Essentials and Future Directions of Robotic Hepato-Biliary Surgery, Including Cholecystectomy -- Essentials and Future Directions of Robotic Pancreatic Surgery -- Essentials and Future Directions of Robotic Endocrine Surgery -- Essentials and Future Directions of Robotic Major Pulmonary Resection -- Single-Site Surgery -- Advanced Imaging, Tele-proctoring, and Off-Site Surgery -- Future Directions

and Alternate Systems for Robotic Surgery.

Sommario/riassunto

Essentials of Robotic Surgery is designed to present a comprehensive and state-of-the-art approach to robotic surgery within the broad confines of general surgery. Sections address preliminary issues surgeons face when initially undertaking robotics. These areas include training, basic techniques, setup, and general troubleshooting. Subsequent chapters focus on specific disease processes and the robotic applications for those procedures. Written by experts in the field, each of these sections address patient selection, preoperative considerations, technical conduct of the most common operations, and avoiding complications. A brief review of the existing literature addressing the particular topic follows in each section. The text concludes with chapters on other robotic platforms beyond the only current FDA approved device (Intuitive Surgical) as well as future directions, including single-site, enhanced imaging, 3-D modeling, and tele-proctoring, including to and distant site surgery. Extensive illustrations and links to video make this an interactive text. Essentials of Robotic Surgery is of great value to general surgeons and associated sub-specialists, trainees including residents and fellows, fully trained surgeons looking to start a robotic surgery practice, and experienced robotic surgeons looking to expand the types of procedures that they currently perform robotically.
