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Titolo	Robotic-Assisted Minimally Invasive Surgery [[electronic resource]] : A Comprehensive Textbook // edited by Shawn Tsuda, Omar Yusef Kudsi
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ISBN	3-319-96866-1
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (XIV, 346 p. 300 illus., 280 illus. in color.)
Disciplina	617.9178
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Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Intuitive Surgical - An Overview -- Robotic Simulation Training -- Robotic Resident & Fellow Surgery Training -- Medico-Legal Issues in Robotic Surgery -- Robotic Hiatal Hernias and Nissen Fundoplication -- Robotic Heller Myotomy -- Robotic Sleeve Gastrectomy -- Robotic Gastric Bypass/Duodenal Switch -- Robotic Total Gastrectomy with Lymphadenectomy -- Robotic Cholecystectomy -- Robotic Liver Resection -- Robotic Total Pancreatectomy -- Robotic Adrenalectomy -- Robotic Right & Left Colectomy -- Robotic Total Mesorectal Excision for Rectal Cancer -- Robotic Abdominoperineal Resection -- Robotic Inguinal Hernia -- Robotic Transabdominal Preperitoneal Repair for Ventral/Incisional & Atypical Hernias -- Robotic Transanal Resection -- Robotic Parastomal Hernia -- Robotic Flank Hernia Repair -- Robotic Transversus Abdominis Release -- Robotic Suprapubic Hernias -- Robotic Proctocolectomy -- Robotic Hysterectomy -- Robotic Myomectomy -- Robotic Tubo-Ovarian Surgery -- Robotic Intracorporeal Ileal Conduit -- Robotic Partial Nephrectomy -- Radical Prostatectomy -- Robotic Intracorporeal Urinary Diversion for Bladder Cancer -- Robotic CABG -- Robotic Lobectomy and Segmentectomy Technique and Results -- Robotic Esophagectomy -- Robotic Telemicrosurgery -- Robotic Rectus Muscle Flap for Reconstruction in

the Pelvis -- Robotic Thyroidectomy -- Upcoming Robotic Systems -- Robotics in the Military -- Future Robotic Systems: Microrobotics and Autonomous Robots.

Sommario/riassunto

This textbook covers all fields of surgery that currently use robotic platforms to facilitate a minimally-invasive approach to procedures. In addition to the background, training, and economics of robotic surgery, this textbook details the technical approach to general surgery, gynecology, urology, cardiothoracic surgery, plastics, otolaryngology, military surgery, and future robotic platforms. Each chapter includes a literature review, preoperative planning, setup, procedural steps, and postoperative care of each surgical disease that has been managed with robotics. The target audience for this textbook spans a wide breadth, including surgeons, both skilled and new to robotics, residents-in-training, medical students, nurses, surgical technologists, hospital administrators, and even patients seeking to understand more about their options for the robotic-assisted surgical management of disease. **Robotic-Assisted Minimally Invasive Surgery: A Comprehensive Textbook** provides an authoritative resource on the latest knowledge and techniques from established experts and pioneers in the area of robotic surgery.
