

1. Record Nr.	UNINA9910797491703321
Titolo	Small animal laparoscopy and thoracoscopy // edited by Boel A. Fransson, Philipp D. Mayhew
Pubbl/distr/stampa	Ames, Iowa ; ; Chichester, England ; ; Oxford, England : , : Wiley Blackwell : , : American College of Veterinary Surgeons Foundation, , 2015 ©2015
ISBN	1-118-84590-0 1-118-84591-9 1-118-84597-8
Edizione	[1st ed.]
Descrizione fisica	1 online resource (375 p.)
Collana	Advances in Veterinary Surgery
Disciplina	636.089705
Soggetti	Veterinary endoscopic surgery Veterinary laparoscopic surgery Pets - 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	Small Animal Laparoscopy and Thoracoscopy; Contents; Contributors; Foreword; Foreword; Preface; Acknowledgments; About the Companion Website; History of Small Animal Laparoscopy and Thoracoscopy; SECTION I Laparoscopic Skills; 1 Surgeons' Skills Training; Adding Minimally Invasive Surgery to the Surgical Repertoire; Basic Laparoscopic Skills; Simulation Training Models; Physical Simulation Models: Box Trainers; Virtual Reality Simulation; Hybrid Training Models: Augmented Reality; Video Games in Laparoscopic Skills Training; Proof of Utility of Video Games Future Incorporation of Video Games Into Training Programs Conclusion; The Optimal Training Program; Tasks and Goals; Motivation; Feedback; Opportunity to Practice; Self training; References; 2 Minimally Invasive Suturing Techniques; Introduction to Laparoscopic Suturing; Needle Holders for Laparoscopic Suturing; Suture Materials for Minimally Invasive Suturing; Conventional Sutures; Suture Needles; Barbed Suture; Intracorporeal Suturing Technique; Cannula Placement;

Needle Introduction; Needle Positioning; Techniques for Knot Tying: Simple Interrupted Sutures; Continuous Suture Patterns Extracorporeal Suturing Indications; Technique; Slip Knots; Automated Suturing Devices; Using the Endo Stitch; References; SECTION II Equipment; 3 Imaging Equipment and Operating Room Setup; Imaging Equipment; Imaging Chain; Telescopes; Light Sources; Light Cables; Endoscopic Video Cameras; Display Monitors, Auxiliary Screens, and "All in One" Video Systems; Insufflators; Capture and Storage of Images and Video; Video Carts and Ceiling Booms; Integrated and Intelligent Operating Rooms; Operating Room Setup; Preparation for Open Surgery; Considerations for a Minimally Invasive Theater or Suite Ergonomic Considerations Planning Coordination and Efficiency; Fully Equipped Minimally Invasive Surgery Suite: Hybrid Rooms; References; Suggested Reading; 4 Surgical Instrumentation; 4.1 Surgical Instrumentation; Instrument Design; Forceps; Scissors; Tissue Retractors; Needle Holders and Suturing Devices; Laparoscopy Packs; 4.2 Trocars and Cannulas; The Trocar, Cannula, and Sheath; Cannula; Seal; Obturator; Trocar-Cannula Placement; Veress Needle Technique; Direct Insertion Technique; Hasson Technique; Types of Trocar Assemblies; Disposable Trocar Assemblies; Nondisposable Trocar Assemblies Trocar Assembly-Related Complications Vascular Injury; Visceral Injury; References; 4.3 Miscellaneous Surgical Instrumentation; Specimen Retrieval Bags; Suction and Irrigation Devices; Wound Protector and Retractor Devices; Morcellators; References; 5 Energy Devices and Stapling Equipment; Electrosurgical Theory; Waveforms; Monopolar Electrosurgery; Safety of Monopolar Electrosurgery; Bipolar Electrosurgery; Tissue Fusion Device; Ultrasonic Dissector; Clips and Staple Applicators; References; 6 Single Incision Laparoscopic Surgery; Development of a New Platform Adoption into Veterinary Laparoscopy

Sommario/riassunto

Small Animal Laparoscopy and Thoracoscopy provides a comprehensive reference to laparoscopy and thoracoscopy, with step-by-step guidance for surgical techniques ranging from basic to advanced. Acts as both a quick reference to specific techniques and as a comprehensive resource to small animal laparoscopy and thoracoscopy Guides the reader through each step of the surgical techniques Takes a clinically oriented approach, with tips on safely and quickly performing procedures throughout Part of the Advances in Veterinary Surgery series copublished with the American College of Veterinary
