

BRONCHOSCOPE DISINFECTION GUIDE


EVIS (200/240), EXERA (160), EXERA II (180) & EXERA III (190) Bronchovideoscopes

Refer to companion BRONCHOSCOPE CLEANING GUIDE for cleaning information


WARNING: This guide is only a summary of the steps necessary to properly disinfect your bronchoscope. Be sure to follow the detailed steps outlined in the ENDOSCOPE REPROCESSING MANUAL that was included with your bronchoscope purchase.

HIGH-LEVEL DISINFECTION


1 Soak with disinfectant. Attach a section cleaning adapter (SAC-122) to the previously cleaned bronchoscope. Immerse completely in disinfectant solution.




2 Attach a spring to the collector. Fit the plunger of the spring to the independent suction channel and suction channel cleaning adapter with disinfectant solution.




3 While immersed, attach the adapter to the bronchoscope. Gently draw, but do not pull, to create enough negative suction to attract surfaces.




4 Soak all equipment according to the time and temperature recommended by the disinfectant manufacturer. Use a timer to measure the exact contact time.




5 Connect the suction cleaning adapter and springs. Inject air to remove air/secretions from the main suction channel. Then remove the bronchoscope from the disinfectant.




6 Disconnect the suction cleaning adapter and immerse the bronchoscope and adapter in water. Squeeze to flush. Inject air to remove mucus and debris from all surfaces.



7 Connect section cleaning adapter to bronchoscope and to a tube from a suction pump. Aspirate water through channel for 30 seconds. Run out from water and aspirate air through channel for 30 seconds.




8 Immerse the bronchoscope and adapter in 70% alcohol and aspirate alcohol for 5 seconds. Remove the alcohol and from the alcohol and aspirate air for 20 seconds.



DRYING

9 Turn the section pump off. Hold the control section with the openings pointing down and disconnect the section cleaning adapter.



10 Dry the bronchoscope and adapter with a clean, lint-free cloth moistened with alcohol. Make sure that the equipment is completely dry prior to storage.

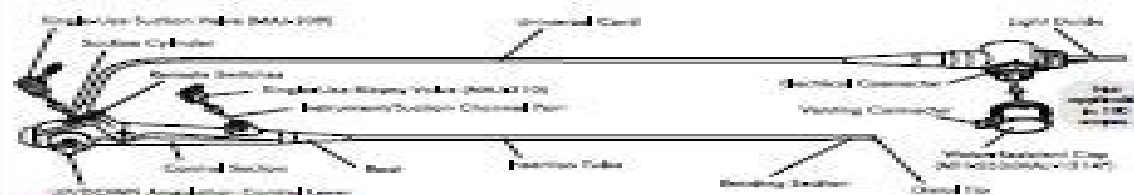


TRANSPORTATION

11 Hold all parts of the bronchoscope when carrying. Do not let the ends of the bronchoscope swing freely.



COMPONENTS



Labels include: Upper Suction Port (SMA-100), Suction Cylinder, Remote Switches, Single Use Suction Valve (SMA-100), Instrument/Suction Channel Port, Control Section, Suction Tube, Section Tube, Working Channel, Viewing Camera, Light Guide, Ground Cord, Electrical Connector, Suction Control Cap (SMA-100 and 147), and Control Tip.

*The SMA-100 is not used with the SMA-100-147.

IMPORTANT

- Wear appropriate personal protective equipment.
- Be sure to measure all personnel according to the representative manual.
- Store the bronchoscope hanging vertically with all the valves and caps removed.
- Following high-level disinfection, rinse the bronchoscope in sterile water. Rinse that has been previously used. Rinse to improve its reprocessing quality.

Clean the bronchoscope meticulously prior to disinfection.

Olympus Bronchoscope Manual

**Raveendra Shankaranarayana
Ubaradka, Nishkarsh Gupta, Prasanna
Udupi Bidkar, Debendra Kumar
Tripathy, Anju Gupta**

Olympus Bronchoscope Manual:

Introduction to Bronchoscopy Armin Ernst, Felix J. F. Herth, 2017-09-07 Bronchoscopic procedures are commonly performed for diagnosis of respiratory disorders and therapeutic airway treatment and management. A thorough understanding of procedural and technical fundamentals is critical for improving yield and safety but they are not featured in procedural reviews for advanced endoscopists. In this book, those critical cornerstones of performing bronchoscopy are discussed and explained in detail. Following the successful structure of the first edition, the fully updated content provides detailed reviews of procedural fundamentals including endobronchial ultrasound. Equipment components are described and maintenance is discussed. All chapters include advice on procedural quality improvement. Regulatory requirements, bronchoscopy procedure unit design and management principles are also addressed. This text will be beneficial to a wide range of practitioners including trainees and specialists in pulmonary and all critical care fields: surgeons, anaesthesiologists and respiratory therapists.

Anesthesiologist's Manual of Surgical Procedures Richard A. Jaffe, 2014-06-11 This practical reference is a comprehensive guide to the anesthetic and perioperative management of patients before and during all procedures performed by general and subspecialist surgeons requiring anesthetic management. The book explains each procedure from both the surgeon and anesthesiologist perspectives, presents details on anesthetic technique and guides the anesthesiologist and surgeon through the decisions that must be made before, during and after surgery. Emphasis is on factors that impact the anesthesiologist including patient positioning, duration of surgery and complications. New topics include Irreversible Electroporation (IRE) Ablation, ERCP, Management of the difficult airway and Anticoagulation Guidelines for Neuraxial Procedures. Key Features: Anesthetic Considerations are presented in templated format for both preoperative and intraoperative. Concise treatment of all procedures including subspecialties. Each procedure is reviewed from both the surgeon's and anesthesiologist's perspective. Easy to review tables summarize each procedure. New to this Edition: New procedures on ERCP, Irreversible Electroporation (IRE) Ablation, Difficult Airway Management and Anticoagulation Guidelines for Neuraxial Procedures. Expanded discussion of intraoperative monitoring.

Manual of ICU Procedures Mohan Gurjar, 2015-08-31 Manual of ICU Procedures is a comprehensive step by step guide to intensive care procedures. The book is divided into four anatomical sections and a final miscellaneous section. Section one covers airway and respiratory followed by vascular and cardiac, neurological, gastrointestinal, abdominal and genitourinary procedures. Each section covers an extensive range of procedures and each chapter begins with basic principles before describing the procedure step by step. Enhanced by 428 colour images and illustrations. Manual of ICU Procedures is an ideal resource for all critical care professionals.

Key Points Step by step guide to a range of intensive care procedures. Covers respiratory, cardiovascular, neurological, gastrointestinal, genitourinary and miscellaneous procedures. 428 colour images.

Manual of Pulmonary Disease, 1988

Fischbach's A Manual of Laboratory and Diagnostic Tests Frances Fischbach, Margaret Fischbach, Kate

Stout,2021-09-01 Up to date and easy to navigate Fischbach s A Manual of Laboratory and Diagnostic Tests 11th Edition details an extensive array of laboratory and diagnostic tests to prepare nurses and health professionals to deliver safe effective informed patient care This proven manual is organized the way nurses think by specimen function and test type and provides current comprehensive step by step guidance on correct procedures tips for accurate interpretation and expert information on patient preparation and aftercare

Respiratory Care Clinical Competency Lab Manual Sandra T Hinski,2013-12-10 Respiratory Care Clinical Competency Lab Manual provides the practical skills needed to apply classroom theory to clinical practice This text has the flexibility to be used in conjunction with all other respiratory care titles as well as in other disciplines that require competencies in respiratory therapy With detailed step by step procedures supporting procedural illustrations hands on lab exercises case studies and critical thinking questions this text helps you understand and apply theoretical knowledge by demonstrating specific skills Procedural competency evaluation forms help you to assess your progress and performance of specific procedures Detailed structured lab activities provide hands on opportunities to assess psychomotor and patient communication skills in a controlled environment Content correlation to NBRC combined CRT RRT exam content outlines helps you better prepare for credentialing exams Step by step procedural competencies prepare you for the RT competency areas established by the American Association of Respiratory Care AARC and meet the national practice standards for patient care Up to date coverage of current technology equipment Clinical Practice Guidelines CPGs CPR guidelines and CDC recommendations and mass casualty disaster management equips you with the most state of the art training for respiratory care Integration of case based questions within the lab activities helps you develop and promote your critical thinking abilities UNIQUE Coverage of polysomnography addresses clinical evaluation in this expanding specialty area Over 200 images provide visual guidance on how to perform procedures UNIQUE Reality Check boxes arm you with practical knowledge on real world application of various procedures UNIQUE Tip boxes supply you with helpful pointers for the clinical arena Glossary of terms offers quick reference to terms presented in the text

The Airway Manual Raveendra Shankaranarayana Ubaradka,Nishkarsh Gupta,Prasanna Udupi Bidkar,Debendra Kumar Tripathy,Anju Gupta,2023-02-15 The book provides up to date and easy to understand information on airway management with special emphasis on practical management along with required theory background and key points It covers all aspects of airway management including education training audit controversies recent advances case discussion etc The book covers all the techniques of airway management like the use of video laryngoscopy fibre optic intubation and retrograde intubation Further the book includes a chapter on airway management during transmittable infectious diseases such as COVID 19 The book also includes separate chapters on the available guidelines discussion of interesting cases neonatal airway and out of hospital airway management The book is written by experienced authors keeping in mind the unique problems and situations related to this specialized and vital area of patient management It presents summary and key points in each chapter Overall this book provides

practical specialty oriented and patient centered approach to airway management The book is a useful resource for postgraduate students residents and fellows in anesthesia emergency medicine critical care medicine It is also relevant for anesthesiologists intensivists emergency physicians and internal medicine physicians **A Manual of Laboratory and Diagnostic Tests** Frances Talaska Fischbach, Marshall Barnett Dunning, 2009 Now in its Eighth Edition this leading comprehensive manual helps nurses deliver safe effective and informed care for patients undergoing diagnostic tests and procedures The book covers a broad range of laboratory and diagnostic tests and studies that are delivered to varied patient populations in varied settings Tests are grouped according to specimen and function test type e g blood urine stool cerebrospinal fluid etc Each test is described in detail with step by step guidance on correct procedure tips for accurate interpretation and instructions for patient preparation and aftercare Clinical Alerts highlight critical safety information

The Anesthesia Technologist's Manual Emily Guimaraes, Matthew Davis, Glenn Woodworth, Jeffrey R.

Kirsch, 2018-08-14 Publisher's Note Products purchased from 3rd Party sellers are not guaranteed by the Publisher for quality authenticity or access to any online entitlements included with the product This unique manual is an ideal resource for anesthesia technicians and technologists and those studying for certification CerATT in the field It offers well illustrated comprehensive coverage of every aspect of day to day practice and workflow with sections on Anatomy Physiology and Pharmacology Anesthesia Practice Anesthesia Equipment and Technology Emergencies and more From explanations of who's who in the operating room to detailed step by step instructions on equipment maintenance this practical manual ensures that readers will have current complete information on the core knowledge they need to know in anesthesia technology

Manual of Procedures , 1972 **Manual of Pulmonary Surgery** E.W. Humphrey, D.L. McKeown, 2012-12-06 The

Manual of Pulmonary Surgery has been designed primarily as a guide to the techniques of surgery on the lungs of adults and older children The information included and the technical points stressed are those in which in more than 20 years of teaching thoracic surgery I have found residents to most commonly need instruction An effort has been made to depict the usual anatomy of the lung and its more frequent variations as it is encountered by the surgeon This was necessary because a detailed description of pulmonary anatomy is not readily available The excellent monograph on Segmental Anatomy of the Lung by Professor Edward Boyden one of my teachers is no longer in print The techniques illustrated are those preferred by the author no attempt has been made to describe all of the possible variations Deanne McKeown has illustrated the entire book Her drawings of the procedures are based on sketches or photographs made in the operating room The use of full color illustrations to emphasize important technical or anatomical detail adds to the ease of understanding the text A section on the indications for pulmonary resection that contains the information commonly used for surgical decision making has been included **Principles and Practice of Interventional Pulmonology** Armin Ernst, Felix JF Herth, 2012-12-02 Principles and Practice of Interventional Pulmonology provides a comprehensive text covering all aspects of Interventional Pulmonology

Providing both pathophysiologic background as well as illustrated and clear instruction on how procedures ought to be performed this text will be of great value to interventional pulmonologists thoracic surgeons surgical oncologists and interventional radiologists

Morbidity and Mortality Weekly Report ,1999 **Annual Report, Exchange of Medical Information Program** ,1979 **Immunology Methods Manual: Immunodiagnosis of human B cell malignancies** Ivan Lefkovits,1997 **Manual, Terminology for Allied Health Professionals** Carolee Sormunen,1985 **Annual Reports on the Exchange of Medical Information and Sharing Medical Resources** ,1977 **Flexible Robotics in Medicine** Hongliang Ren,2020-06-20 Flexible Robotics in Medicine A Design Journey of Motion Generation Mechanisms and Biorobotic System Development provides a resource of knowledge and successful prototypes regarding flexible robots in medicine With specialists in the medical field increasingly utilizing robotics in medical procedures it is vital to improve current knowledge regarding technologies available This book covers the background medical requirements biomedical engineering principles and new research on soft robots including general flexible robotic systems design specifications design rationale fabrication verification experiments actuators and sensors in flexible medical robotic systems Presenting several projects as examples the authors also discuss the pipeline to develop a medical robotic system including important milestones such as involved regulations device classifications and medical standards Covers realistic prototypes experimental protocols and design procedures for engineering flexible medical robotics Covers the full product development pipeline for engineering new flexible robots for medical applications including design principles and design verifications Includes detailed information for application and development of several types of robots including Handheld Concentric Tube Flexible Robot for Intraocular Procedures a Preliminary Robotic Surgery Platform with Multiple Section Tendon Driven Mechanism a Flexible Drill for Minimally Invasive Transoral Surgical Robotic System Four Tendon Driven Flexible Manipulators Slim Single port Surgical Manipulator with Spring Backbones and Catheter size Channels and much more **Atlas of Fiberoptic Bronchoscopy** Rajendra Prasad,2013-12-31 Fiberoptic bronchoscopy is a procedure that allows a clinician to examine the airways by placing a thin tube like instrument through the nose or mouth and down into the lungs The tube sends pictures back to a video screen or camera The procedure can be either diagnostic to diagnose lung disease or therapeutic to treat some lung conditions This atlas is a practical guide to the diagnosis and treatment of lung conditions using fiberoptic bronchoscopy Beginning with an introduction to the history and application of the procedure and discussion on normal and abnormal patterns of bronchial anatomy the following sections present X Ray CT and bronchoscopic pictures of numerous cases encountered by the author Each case is described in detail highlighting possible complications and contraindications A separate chapter is dedicated to paediatric bronchoscopy A set of case studies on brochosopic findings in benign and malignant pulmonary diseases has been included to help clinicians apply their knowledge Key points Practical guide to diagnosis and treatment of lung diseases using fiberoptic bronchoscopy Presents numerous cases seen by the author Case

studies of benign and malignant pulmonary diseases enhance learning Includes more than 450 X Rays CT images and bronchoscopic pictures **Annual Reports on the Exchange of Medical Information and Sharing Medical Resources, Fiscal Year 1980** United States. Veterans Administration, 1981

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