

ENDOSCOPE CLEANING GUIDE

EVIS EXERA II ULTRASONIC BRONCHOFIBERVIDEOSCOPE OLYMPUS BF TYPE UC180F
EVIS LUCERA ULTRASONIC BRONCHOFIBERVIDEOSCOPE OLYMPUS BF TYPE UC260FW

WARNING This workflow is a summary of the cleaning steps necessary to properly reprocess your BF-UC180F/260FW and does not include disinfecting/sterilizing steps. Follow the detailed steps instructed in the latest **ENDOSCOPE MANUAL** for BF-UC180F/260FW.

All steps of manual cleaning for endoscope are done in detergent solution or water completely, except for flushing with air and drying the external surfaces at the end of cleaning.



Pre-cleaning at Bedside

- 1** Remove the balloon, and wipe the insertion section.
- 2** Aspirate detergent solution.
 Suction side: $\sim 2\text{ ml}$ or $\sim 3\text{ ml}$
 Grange: $\sim 2\text{ ml}$ or $\sim 3\text{ ml}$
- 3** Aspirate water and air.
 Suction side: $\sim 2\text{ ml}$ or $\sim 3\text{ ml}$
 Grange: $\sim 2\text{ ml}$ or $\sim 3\text{ ml}$

Leakage Testing

- 4** Detach the suction and biopsy valve, and attach the water-resistant caps (MAJ-552).
- 5** Confirm that air bubbles do not emerge from endoscope.

Manual Cleaning

Prepare the following brushes:



- 6** Thoroughly brush and wipe all external surfaces in the detergent solution.
- 7** Brush from the suction cylinder to the distal end.
 BW-411B or MAJ-120
- 8** Brush from the instrument channel port to the distal end.
 BW-411B or MAJ-120

Manual Cleaning

- 9** Brush the suction cylinder.
 BW-411B or MAJ-120
- 10** Brush the instrument channel port.
 BW-411B or MAJ-120
- 11** Brush from the irrigation port (balloon channel) to the distal end.
 BW-400B or MAJ-79
- 12** Brush the irrigation port (balloon channel).
 BW-411B or MAJ-120
- 13** Brush the balloon grooves.
 BW-411B or MAJ-120

Manual Cleaning

- 14** Aspirate the detergent solution (with attaching MAJ-222).
- 15** Completely immerse the endoscope and the suction cleaning adapter (MAJ-222) in the detergent solution.
- 16** Aspirate the detergent solution.
 $\sim 2\text{ ml}$ or $\sim 3\text{ ml}$
- 17** Aspirate the detergent solution (through the balloon channel).
 $\sim 2\text{ ml}$ or $\sim 3\text{ ml}$

Manual Cleaning

- 18** Wipe all external surfaces and leave in the detergent solution.
- 19** Completely immerse and gently move the endoscope and MAJ-222 in the water.
- 20** Aspirate water/air (with attaching MAJ-222).
 Suction side: $\sim 2\text{ ml}$ or $\sim 3\text{ ml}$
 Flush water, air
 Grange: $\sim 2\text{ ml}$ or $\sim 3\text{ ml}$
- 21** Dry the external surfaces by wiping with clean cloths.

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Olympus Colonoscope Manual

George Gershman, Marvin Ament

A red circular graphic with a gradient, appearing as a partial circle or a stylized arrow pointing to the right, located to the right of the authors' names.

Olympus Colonoscope Manual:

Atlas of Colonoscopy Helmut Messmann, 2011-01-01 A complete guide to colonoscopy featuring more than 1 000 superb illustrations In recent decades colonoscopy has developed into one of the most essential techniques for early screening detection and diagnosis of colorectal cancer inflammatory bowel disease and other disorders And rapid advances in interventional endoscopy offer doctors and patients an ever increasing array of treatment possibilities For newcomers to the technique and advanced practitioners alike this lavishly illustrated atlas is a state of the art guide to total colonoscopy Atlas of Colonoscopy is Accessible Expert authors present all of the necessary instruments and examination techniques as well as guidelines on preparation related medications complications and more Tips and tricks for instrument insertion and guidance Illustrated thorough descriptions of normal findings in all colon segments A logical structure and easy to use layout Practical Detailed descriptions and multiple illustrations of numerous pathological findings Endoscopic criteria and differential diagnoses for all major diseases Useful guide to examination procedures depending on clinical findings Detailed Coverage of the complete spectrum of interventional colonoscopy including polypectomy mucosectomy tumor treatment removing foreign objects treating fistulas and suture insufficiency Indications and success rates of various treatments including thermocoagulation injection and mechanical treatments Compiled by a team of experts with decades of combined experience in the field the Atlas of Colonoscopy is an essential resource for anyone working in an endoscopy unit

Colonoscopy Jerome D. Wayne, Douglas K. Rex, Christopher B. Williams, 2011-09-23 First Edition Winner of 2004 BMA Medical Book Competition in Gastroenterology The second edition of this prize winning book is written by some of the world's foremost experts in the field of colonoscopy and colonic imaging Every chapter has been updated and 5 new chapters have been added to include the latest information and advances in the field of colonoscopy Capsule Colonoscopy Narrow Band Imaging Confocal Endomicroscopy Endoscopic Submucosal Dissection in the Colon New Colonoscopes and Assist Devices Drawing on the vast experience of the authors it covers every area of medicine that impacts on colonoscopy including virtual colonography pathology techniques for pediatric and adult procedures and legal aspects concerning colonoscopy The book is focused on patient care and provides explanations on how to perform the procedure effectively and make the best outcome for your patients It serves as a detailed manual of procedures extensively illustrated with diagrams and photographs The book includes a companion website with supplementary material a lecture on the history of colonoscopy interviews with famous gastroenterologists demonstrations of techniques and typical and unusual cases This is an invaluable compendium on all aspects of colonoscopy suitable for use by every grade of practitioner world wide and an essential reference book for all establishments with an endoscopy facility Please note This product no longer comes with a DVD The DVD content is now available online at wiley.mpstechnologies.com/wiley/BOBContent/searchLPBobContent.do **Health Devices**, 1994

Medical Image Computing and Computer Assisted Intervention - MICCAI 2018 Alejandro F. Frangi, Julia A.

Schnabel, Christos Davatzikos, Carlos Alberola-López, Gabor Fichtinger, 2018-09-13 The four volume set LNCS 11070 11071 11072 and 11073 constitutes the refereed proceedings of the 21st International Conference on Medical Image Computing and Computer Assisted Intervention MICCAI 2018 held in Granada Spain in September 2018 The 373 revised full papers presented were carefully reviewed and selected from 1068 submissions in a double blind review process The papers have been organized in the following topical sections Part I Image Quality and Artefacts Image Reconstruction Methods Machine Learning in Medical Imaging Statistical Analysis for Medical Imaging Image Registration Methods Part II Optical and Histology Applications Optical Imaging Applications Histology Applications Microscopy Applications Optical Coherence Tomography and Other Optical Imaging Applications Cardiac Chest and Abdominal Applications Cardiac Imaging Applications Colorectal Kidney and Liver Imaging Applications Lung Imaging Applications Breast Imaging Applications Other Abdominal Applications Part III Diffusion Tensor Imaging and Functional MRI Diffusion Tensor Imaging Diffusion Weighted Imaging Functional MRI Human Connectome Neuroimaging and Brain Segmentation Methods Neuroimaging Brain Segmentation Methods Part IV Computer Assisted Intervention Image Guided Interventions and Surgery Surgical Planning Simulation and Work Flow Analysis Visualization and Augmented Reality Image Segmentation Methods General Image Segmentation Methods Measures and Applications Multi Organ Segmentation Abdominal Segmentation Methods Cardiac Segmentation Methods Chest Lung and Spine Segmentation Other Segmentation Applications

Colonoscopy Jeffrey B. Raskin, H. Juergen Nord, 1995 **Endoscopy**, 1988 **Inflammatory Conditions of the Colon** Jia-ju Zheng, 2008

Ulcerative colitis and Crohn's disease collectively termed inflammatory bowel disease IBD are complex disorders because of their wide variations in clinical manifestations These two disorders constitute multi system diseases of idiopathic origin Both are found world wide and spare no socioeconomic group Recent scientific and technological advances have not only led to greater understanding of the pathogenesis underlying these disorders but have also enabled us to make a correct diagnosis in the earlier stage and to use better and more efficacious medical therapies for these two diseases Dr Zheng from China has experience in the research and treatment environment for IBD at the University of Chicago in the U S A He completed his doctoral work in Nutrition at Tufts University and has been an active gastroenterologist in the diagnosis and management of gastrointestinal disease in particular IBD in China Thus he is well suited to the task of bringing together this information for IBD In this handbook a highly distinguished group of doctors and professors have been invited to present an updated knowledge of current status as related to the diagnosis and medical therapy of IBD These articles highlight many advances to date with their clinical experiences Thus this handbook will greatly increase recognition of the complexity of these conditions in clinical practice and enhance the experiences of management with IBD patients

Practical Pediatric Gastrointestinal Endoscopy George Gershman, Marvin Ament, 2008-04-15 Practical Pediatric Gastrointestinal Endoscopy is the only text available that provides detailed instructions of all practical aspects of diagnostic and therapeutic endoscopic procedures in

children It gives detailed descriptions of the investigation diagnosis and therapeutic pediatric GI endoscopy treatments with special attention to the differences between instruments used for adults and for pediatric patients The advice is based on unique personal experience of thousands of endoscopic or colonoscopic procedures written by a team of authors with experience in performing the diagnostic and therapeutic endoscopic procedures in children and infants of all ages The key points of each step are accompanied by easy to follow color diagrams and a comprehensive atlas of endoscopic images illustrating both normal and abnormal pathology aiding and perfecting diagnosis and treatment The step by step description of each procedure explains the purpose of each manoeuvre with much greater emphases on the practical aspects of diagnostics and therapeutic procedures to provide the best results and maximize patient safety It looks at patient care before during and after procedures and considers the new and less invasive Wireless Capsule Endoscopy options that will be less traumatic for the pediatric patient

Operating Room Guidelines Reba D. Grubb, Geraldine Ondov, 1979 Philosophy and organization of the operating room Administrative guidelines Employment practices Health and safety practices Review of the infectious process Environmental sanitation Introduction to principles of sterile technique Guidelines for handling specific items Surgical tray and table setups Guidelines to equipment and special instruments in the operating room Preliminary preparation of patient Special techniques Education

World Congress on Medical Physics and Biomedical Engineering September 7 - 12, 2009 Munich, Germany Olaf Dössel, Wolfgang C. Schlegel, 2010-01-06 Present Your Research to the World The World Congress 2009 on Medical Physics and Biomedical Engineering the triennial scientific meeting of the IUPESM is the world's leading forum for presenting the results of current scientific work in health related physics and technologies to an international audience With more than 2 800 presentations it will be the biggest conference in the fields of Medical Physics and Biomedical Engineering in 2009 Medical physics biomedical engineering and bioengineering have been driving forces of innovation and progress in medicine and healthcare over the past two decades As new key technologies arise with significant potential to open new options in diagnostics and therapeutics it is a multidisciplinary task to evaluate their benefit for medicine and healthcare with respect to the quality of performance and therapeutic output Covering key aspects such as information and communication technologies micro and nanosystems optics and biotechnology the congress will serve as an inter and multidisciplinary platform that brings together people from basic research R D industry and medical application to discuss these issues As a major event for science medicine and technology the congress provides a comprehensive overview and in depth first hand information on new developments advanced technologies and current and future applications With this Final Program we would like to give you an overview of the dimension of the congress and invite you to join us in Munich Olaf Dössel Congress President Wolfgang C

Gastrointestinal Disease Anthony J. DiMarino, Stanley B. Benjamin, 2002 New edition of a text for students residents and practitioners who care for patients with gastrointestinal and hepatic diseases In addition to updated information on diagnosis and treatment of related disorders it includes several

new diagrams and endoscopic photographs that illustrate important findings and techniques Eighty three contributions cover considerations in gastrointestinal endoscopy diseases of the esophagus stomach small intestine colon pancreas and biliary tree and the development of endoscopic techniques Abundantly illustrated in color and b w Edited by gastroenterologists DiMarino Thomas Jefferson U Hospital in Philadelphia and Stanley B Benjamin Georgetown U Hospital Annotation copyrighted by Book News Inc Portland OR *Medical Device Register*, 2007 Contains a list of all manufacturers and other specified processors of medical devices registered with the Food and Drug Administration and permitted to do business in the U S with addresses and telephone numbers Organized by FDA medical device name in alphabetical order Keyword index to FDA established standard names of medical devices **Medical Office Practice - IML** Atkinson, 1998-09 *Acute Care of the Abdomen* Mitchell J. Spirt, 1998 This single author text describes acute management of patients with various abdominal diseases The author provides the perspective of an internist with extensive experience in management of various abdominal conditions Students and practitioners of critical care will benefit from this work The author is an internist at UCLA Twenty seven chapters and a variety of appendixes are included in the 500 pages of this work The book begins with a general discussion of gastrointestinal anatomy and physiology and derangement with critical illness Clinical problems including various forms of gastrointestinal bleeding resuscitation nutrition and bowel function in acute illness are then discussed Concluding chapters discuss hepatic failure liver transplantation some forms of pancreatic disease and gut translocation Chapters are concise and well written Tables are abundant summarizing drug therapy and clinical pearls References date to within two years of publication and include important papers and recent reviews Black and white figures and line drawings reproduce well Photographs also black and white do not always reproduce effectively The table of contents allows ready access to chapters and their subheadings A detailed index includes separate citations for tables and figures Appendixes describe critical care scoring systems metabolic parameters and drug regimens in common disorders Dr Spirt includes many of the features and style of *The ICU Book* by Paul Marino The strength of this work rests in discussion of gastrointestinal bleeding gut barrier dysfunction in infectious states and changes in intestinal microcirculation with critical illness These are consistent with the training and previous clinical work of the author The text is weakened when the focus moves beyond critical care gastroenterology Material outside gastrointestinal disorders could be deleted and additional material provided on surgical considerations and pancreatic therapy including transplantation to focus and strengthen this work

Pennsylvania Bulletin, 1984 The Pennsylvania bulletin is the official gazette of the Commonwealth of Pennsylvania It contains notices regulations and other documents filed with the Legislative Reference Bureau and supplements the Pennsylvania code **System Guide Endoscopy** Olympus Winter & Ibe GmbH, 2006 The Olympus System Guide Endoscopy was prepared to provide the user with all the necessary knowledge about the safe use of Olympus surgical endoscopes and their related accessory equipment It describes general aspects of the use of endoscopic equipment Great emphasis is placed

on safety aspects in the use of energetic applications involving light sources HF units and laser Reprocessing issues are the main focus of the Endoscopy System Guide Cleaning disinfection and sterilization of surgical endoscopic equipment are described in detail including standards and recommended procedures The System Guide concludes with a look at the Olympus service organization and the advantages of genuine Olympus repair service Although this edition was published in the English language it is not released for use in the U S **The SAGES Manual Operating Through the Endoscope** Matthew Kroh,Kevin M. Reavis,2016-02-04 This manual presents a comprehensive and state of the art approach to the diverse applications of surgical techniques and procedures through the endoscopic platform Sections address preliminary issues faced by surgeons and physicians who may be initially undertaking these new techniques These areas include training and credentialing as well as tools and platforms commonly used for these procedures Subsequent chapters focus on specific disease processes and the endoscopic applications for those procedures Each section addresses patient selection pre operative 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 future directions and device development Written by experts in the field The SAGES Manual Operating Through the Endoscope is a valuable resource to experienced advanced endoscopists looking to expand the types of procedures that they currently perform as well as trainees including residents fellows and medical students **Endoscope Reprocessing Manual Workbook** Healthcare Sterile Processing Association,2022-01-26 **IAHCSMM Endoscope Reprocessing Manual Workbook** International Association of Healthcare Central Service Materiel Management (IAHCSMM),2017-05 **Colonoscopy Manual** Rainer Sander,1983-01-01

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