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Manual of Emergency Airway Management Lippincott Williams & Wilkins *Manual of Emergency Airway Management, now in its 4th edition, is a practical guide to emergency airway management in any adult or pediatric patient and offers step-by-step instructions on techniques, drug administration, and prevention and management of complications. The book may be used in conjunction with the Difficult Airway Course™, or on its own. The text has been reorganized to reflect the decision-making process of emergency care providers treating the patient in distress. Features include: Completely reorganized chapters into cohesive sections Expanded discussion of videolaryngoscopes, including newer, low-cost alternatives More illustrations, with expanded "how to" descriptions Revised and updated airway algorithms* **Infection Prevention and Control in Healthcare, Part I: Facility Planning and Management, An Issue of Infectious Disease Clinics of North America, E-Book Elsevier Health Sciences** *Dr. Kaye and Dr. Dhor have assembled top experts to write about facility planning and management in Part I of their two issues devoted to Infection Prevention and Control in Healthcare. Articles in this issue are devoted to: Building a Successful Infection Control Program: Key Components, Processes and Economics; Hand Hygiene Sterilization; High Level Disinfection and Environmental Cleaning; Environment of Care; Infection Control in Alternative Healthcare Settings (Long Term Care and Ambulatory); Antibiotic Stewardship; Outbreak Investigations Water Safety in Healthcare/Legionella in the Healthcare Setting; Construction and Renovation; Bloodborne*

and Body Fluid Exposures - prevention and management of Occupational Health Issues; and Informatics and Statistics in Infection Control. Part II is devoted to clinical management of infections. **The Walls Manual of Emergency Airway Management Lippincott Williams & Wilkins** The Walls Manual of Emergency Airway Management is the world's most trusted reference on emergency airway management, and is the foundation text in the nationally recognized The Difficult Airway Course: Emergency™ and The Difficult Airway Course: EMSTM. Its practical, hands-on approach provides all the concrete guidance you need to effectively respond to any airway emergency, whether inside the hospital, emergency department, urgent care setting, or anywhere else where airway emergencies may occur. Apply the latest evidence-based approaches thanks to state-of-the-art coverage that includes new chapters on "The Difficult Airway Cart" and "Human Factors in Emergency Airway Management," expanded coverage on delayed sequence intubation (DSI), and comprehensive updates throughout. Efficiently overcome any challenge in airway management with the aid of step-by-step instructions, mnemonics, easy-to-follow algorithms, and rich illustrations. Glean expert insights from a brand-new editorial team led by Calvin Brown III, MD, who is Dr. Walls' colleague and protégé, and consisting of the same experts who teach The Difficult Airway Course: Emergency™ and The Difficult Airway Course: Anesthesia™. **Mayhall's Hospital Epidemiology and Infection Prevention Lippincott Williams & Wilkins** The fifth edition of Mayhall's Hospital Epidemiology and Infection Prevention has a new streamlined focus, with new editors and contributors, a new two-color format, and a new title. Continuing the legacy of excellence established by Dr. C. Glen Mayhall, this thoroughly revised text covers all aspects of healthcare-associated infections and their prevention and remains the most comprehensive reference available in this complex field. It examines every type of healthcare-associated (nosocomial) infection and addresses every issue relating to surveillance, prevention, and control of these infections in patients and in healthcare personnel, providing unparalleled coverage for hospital epidemiologists and infectious disease specialists.

A Comparative Study Of The Efficacy Of The McGrath X-Blade Vs The C-Mac Videolaryngoscope In Patients With Simulated Difficult Airways Background and Goal of Study: The McGrath X-blade is an angulated blade attachment that is designed to be used with the McGrath MAC videolaryngoscope. We compared the McGrath X-blade with the C-MAC videolaryngoscope under the condition of a simulated difficult airway, through the use of manual in-line stabilisation. We present the findings of our interim study analysis. Materials and Methods: Patients of ASA physical status I to III, aged 21 to 80 years old, undergoing general anaesthesia requiring tracheal intubation were recruited into this randomised controlled trial. Patients with history of or predicted difficult airway, gastro-oesophageal reflux disease, patients who decline to participate or lack the mental capacity to give consent are excluded from the study. General anaesthesia with muscle paralysis is performed in a standardised manner. Participants received intubation using either McGrath X-blade (MGX) or C-MAC (CM) videolaryngoscopy, with manual in-line stabilisation. Primary outcome measured was First Pass Success (FPS). Secondary outcomes included overall successful intubation within 2 attempts or 120 seconds, time to intubation, glottic view obtained and rates of complications. We aim to recruit 210 patients based on power calculation. Results and

Discussion: An interim analysis of 91 participants was performed. Patient demographics were comparable between both MGX and CM groups. First pass success at intubation was 76.9% in the MGX group vs 81.3% in the CM group (p=0.3). Overall success was 88.4% (MGX) vs 91.7% (CM) (p=0.73). The Cormack & Lehane laryngeal grade was superior in the MGX group compared to CM group (Grade I: MGX 55.8% vs CM 25%; Grade II: MGX 44.2% vs CM 47.9%; Grade III: MGX 0% vs CM 7.1%; p

Management of the Difficult Pediatric Airway Cambridge University Press A multidisciplinary reference guide covering critical techniques to the safe management of the challenging pediatric airway. **Bedside Procedures BoD - Books on Demand** Shifting the performance of an invasive procedure from operating room or interventional lab to the ICU has advantages for both the patient and the doctor performing the procedure. The book is a guide to interventions that are commonly performed in the intensive care unit, without the need of an operating room. In the following chapters, the authors show that procedures like endotracheal intubation, videolaryngoscopy, pericardial puncture, lumbar puncture and percutaneous cholecystostomy, and intra-abdominal pressure monitoring can be safely performed outside the operating room, at the bed of the patient. All the chapters of the book are clinically orientated providing explanations and illustrations for invasive procedures. Practical recommendations are given in the book, accompanied by figures for techniques performed in critically ill patients. It will serve the experienced doctor who has not performed a procedure for a long time as well as the young doctors needing a practical assistance when facing a new patient. **Anesthesia in Thoracic Surgery Changes of Paradigms Springer Nature** This book reviews and describes the best practices of anesthesia in thoracic surgery, according to evidence-based medicine. It covers preoperative assessment, applied pharmacology, airway management and ventilation methods. The analgesic methods in this surgical specialty are also discussed. This book is aimed at all specialists in the world of anesthesiology and critical care as well as to physicians in training. It may also be of interest to thoracic surgeons and pulmonologists. **Miller's Basics of Anesthesia Elsevier Health Sciences** Long regarded as the undisputed leading text of its kind, Miller's Basics of Anesthesia provides comprehensive yet concise coverage of both basic science and clinical topics in anesthesiology. Under the experienced editorial leadership of Dr. Manuel C. Pardo, Jr., the 8th Edition has been meticulously updated to reflect the latest advances in practice and important aspects of contemporary anesthesia care, including pathophysiology, pharmacology, regional anesthesia, anesthetic management, and special problems and patient groups. It remains the first learning resource of choice for anesthesia providers, including anesthesia residents and fellows, medical students, and student registered nurse anesthetists, and is also a valuable review tool for practitioners undergoing maintenance of certification or recertification. Features a reader-friendly format with color-coded section tabs, easy-to-read chapters, and a concise writing style, along with color patterns in every chapter for quick navigation. Contains new chapters on Clinician Well-Being, Perioperative Point-of-Care Ultrasound, Environmental Impact of Anesthetics, and Perioperative Medicine. Covers key topics such as anesthesia neurotoxicity, palliative care, sleep medicine, trauma, and much more. Includes high-quality images that offer a detailed visual understanding of complex topics,

while numerous figures and tables condense material for easier retention and review. Shares the knowledge and experience of renowned anesthesia expert Dr. Manuel C. Pardo, Jr. and a team of more than 80 global contributing authors. Serves both as an initial learning resource and a useful tool for solidifying the essential “must know information and reviewing core knowledge for maintenance of certification. **Airway Management Springer** Because of his international prominence, Professor Khan has been able to gather an enviable list of experts in the field to contribute their experience with airway management in a multitude of clinical settings. The critical appraisal of the airway authored by the editor, Professor Khan, sets the stage for the important preoperative tests that may alert the clinician of the potential for a difficult airway so that appropriate plans can be made. The formidable “guest list” of authors spans the world and encompasses clinicians from Malaysia, the United States, Pakistan, India, Denmark, Singapore, Germany, Canada and Iran. What is equally remarkable is the list of topics discussed in the textbook and the varied clinical settings in which airway management is likely to pose particular and unique challenges: pediatrics; patients with cervical spine injury and those with traumatic brain injury; ambulatory surgery; patients with obstructive sleep apnea and obstetric patients. The book also addresses the latest in technological advances that can aid the clinician in diagnosing and managing the difficult airway, such as ultrasonography and also describes surgical approaches to managing the difficult airway, such as cricothyrotomy. Finally, underscoring the truly international appeal of the textbook and acknowledging the potential technological limitations of the developing world, a chapter is dedicated to the use of indigenous devices in managing the difficult airway. **Oxford Handbook of Anaesthesia Oxford University Press** The fifth edition of the Oxford Handbook of Anaesthesia provides state-of-the-art guidance on anaesthetic practice. Now in full colour with a completely revised regional anaesthesia chapter and enhanced illustrations throughout, this edition remains the must-have resource for all those dealing with anaesthesia. **Clinical Anesthesia (SAE) Wolters Kluwer India Pvt. Ltd.**

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Roberts and Hedges’ Clinical Procedures in Emergency Medicine and Acute Care E-Book Elsevier Health Sciences Comprehensive, detailed, and up to date, Roberts and Hedges’ Clinical Procedures in Emergency Medicine and Acute Care, 7th Edition, provides highly visual coverage of both common and uncommon procedures encountered in emergency medicine and acute care practice. It clearly describes the ins and outs of every procedure you're likely to consider, such as how, why, when to, and when not to perform them, in addition to and recommends other emergency or acute care procedures that may be an option. Thoroughly revised and updated throughout, the 7th Edition remains the most well-known and trusted procedures manual in its field Covers the latest equipment, devices, drug therapies, and techniques you need to know for the effective practice of emergency medicine and acute care. Features new and updated information on ultrasound throughout the text, including Ultrasound

Boxes which that are expertly written and richly illustrated with photographs and clinical correlative images. Includes more Procedure Boxes that allow you to see entire procedures at a glance, functioning as a mini-atlas that allows you to quickly grasp how to perform a procedure. Contains hundreds more than 100 of new figures— of more than 3,500 images total— plus including new color photographs, a new Ultrasound Boxes, and new algorithms, new authors, new concepts and approaches. Features a new chapter on Procedures in the Setting of Anticoagulation. Covers hot topics such as novel loop abscess drainage technique, ENT techniques, and ophthalmology techniques, as well as procedures performed by acute care practitioners such as sedation of the agitated patient, alternate methods of drug delivery, and common errors and complications in the acute care setting. **A Comparison of McGrath MAC Videolaryngoscopy and Macintosh Laryngoscopy for Orotracheal Intubation in Children: a Randomised Controlled Trial** Purpose: The McGrath videolaryngoscope (VL) offers better laryngeal view compared to Macintosh laryngoscopy in adult patients and increases success rate of orotracheal intubation in patients with difficult airways. This prospective randomised controlled study was performed to evaluate the usefulness of the McGrath VL compared to Macintosh laryngoscopy in paediatric patients during routine orotracheal intubation, by comparing the time to intubation and ease of intubation. Materials and Methods: Eighty-four patients, aged 1-10 years (ASA physical status I-II) undergoing tracheal intubation for elective surgery were randomly assigned to the Macintosh group (n = 42) or McGrath group (n = 42). Anaesthesia was induced with propofol 2.5-3.0 mg/kg, sevoflurane 5-8 vol%. Orotracheal intubation was performed 2 min after rocuronium 0.6 mg/kg injection with McGrath VL or Macintosh laryngoscope. The primary outcome was time to intubation assessed by a blind observer. Cormack and Lehane glottic grade, and intubation difficulty score (IDS) were also assessed. Haemodynamic changes were recorded at baseline, 1 min after induction, before, and 1 min after intubation. Results: Median time to intubation [interquartile range] was not different in the McGrath group than in the Macintosh group (25.0 [22.8-28.3] s vs. 26.0 [24.0-29.0] s, p = 0.301). The incidence of grade I glottic view was significantly higher in the McGrath group than in the Macintosh group (95% vs. 74%, p = 0.013). There was significant difference in median IDS between the McGrath group than in the Macintosh group (p = 0.018). There were no significant differences in haemodynamic changes over time between the two groups. Conclusion: This study shows that the McGrath VL provides better laryngoscopic views and lower IDS, but similar intubation time compared to Macintosh laryngoscope during routine orotracheal intubation in paediatric patients. **The Difficult Airway An Atlas of Tools and Techniques for Clinical Management Springer Science & Business Media** The Difficult Airway provides a comprehensive textual and visual coverage of how to deal with patients who have expected or unexpected difficult airways. The text begins with a description of the incidence and importance of the difficult airway and then describes the ASA Difficult Airway Algorithm created to facilitate the management of “difficult airways.” The majority of the book features a comprehensive step-by-step approach to the rescue techniques listed as part of the ASA Algorithm. Noted experts in each of the techniques have been recruited by the book editors to present the information. Figures throughout the book illustrate important points and procedures. This

is a wonderful resource for professionals in the health care field including anesthesiologists, intensive care physicians, emergency room physicians, nurses, and out-of-hospital first responders. **Benumof and Hagberg's Airway Management Elsevier Health Sciences** Considered the go-to reference in airway management not only in anesthesia practice but also in emergency medicine and intensive care settings, Hagberg and Benumof's Airway Management ensures that practitioners worldwide are familiar and proficient with the most recent developments in equipment and scientific knowledge in this fast-changing area. Covering all aspects of this fundamental practice, the new 5th Edition facilitates the safe performance of airway management for all airway practitioners, regardless of specialty, using a concise, how-to approach, carefully chosen illustrations, and case examples and analysis throughout. The only volume of its kind completely dedicated to airway management, this edition features: Well-illustrated and tightly focused coverage, with anatomical drawings, charts, algorithms, photos, and imaging studies for quick reference—many new to this edition. Key Points in every chapter, as well as up-to-date information on the latest ASA guidelines. Two new chapters covering Combination Techniques and Human Factors in Airway Management; all other chapters have been thoroughly revised to reflect current thinking and practice. A significantly expanded video library, including intubating the COVID-19 patient and new videos on ultrasonography of the airway. **Benumof and Hagberg's Airway Management E-Book Elsevier Health Sciences** Enhance your airway management skills and overcome clinical challenges with Benumof and Hagberg's Airway Management, 3rd Edition. Trusted by anesthesiologists, residents, and nurse anesthetists, this one-of-a-kind anesthesiology reference offers expert, full-color guidance on pre- and post-intubation techniques and protocols, from equipment selection through management of complications. Consult this title on your favorite e-reader with intuitive search tools and adjustable font sizes. Elsevier eBooks provide instant portable access to your entire library, no matter what device you're using or where you're located. Practice with confidence by consulting the only reference exclusively dedicated to airway management, and trusted by anesthesiologists, residents, and nurse anesthetists for up-to-date information on every aspect of the field. Focus on the most essential and practical information with a concise, how-to approach, carefully chosen illustrations, and case examples and analysis throughout. Apply the latest know-how with new chapters on video laryngoscopes and airway management during CPR, plus comprehensive updates throughout from Dr. Carin Hagberg and many new contributing experts on airway management. Select the most appropriate techniques for difficult cases using the latest ASA guidelines. Gain a rich visual perspective on complex procedures and monitoring techniques with hundreds of new full-color illustrations throughout. View videos of intubation and airway management procedures online at www.expertconsult.com, plus access the entire, searchable contents of the book. **Nurse Anesthesia - E-Book Elsevier Health Sciences** Gain the knowledge and skills you need for clinical anesthesia practice! Written specifically for nurse anesthetists, Nurse Anesthesia, 7th Edition provides a solid foundation in scientific principles and evidence-based practice. Coverage includes a review of pharmacology, pharmacokinetics and pharmacodynamics, drug receptor concepts, intravenous agents, neuromuscular blocking agents, and more, followed by a discussion

of anesthesia equipment and clinical monitoring, preoperative preparation of the patient, and the use of anesthesia for a variety of surgical procedures. From a team of expert authors led by Sass Elisha, Jeremy S. Heiner, and John J. Nagelhout, this text helps you prepare for certification and also provides a key reference for CRNAs to use in daily practice. Updated information on pharmacology includes pharmacokinetics, drug delivery systems, opiate antagonists, and key induction drugs. Interactions with other anesthetic agents are integrated where appropriate, along with other important considerations. Overview of basic science provides a thorough basis for understanding nurse anesthesia. Information on Joint Commission (TJC) standards covers monitoring and administering moderate sedation/analgesia, also adding coverage of patient safety, monitoring, and pharmacology. More than 800 full-color photos and illustrations depict anatomy, procedures, concepts, and equipment. Logical organization of the text covers basic principles first, and builds on those with individual chapters for each surgical specialty. More than 800 tables and boxes summarize essential information in a quick, easy-to-reference format. **UNIQUE!** Expert CRNA authors provide the most up-to-date clinical information for CRNAs to use in daily practice. Handy references make it quick and easy to find the latest and most important research in the field. **NEW!** Updated content reflects the latest changes in the industry. **NEW!** Two new chapters include Crisis Resource Management and Patient Safety and Infection Control and Prevention. **Hagberg and Benumof's Airway Management E-Book Elsevier Health Sciences** Anesthesiologists, residents, and advanced practice practitioners alike rely upon the comprehensive content of Hagberg and Benumof's Airway Management to remain proficient in this essential area. The 4th Edition, by Drs. Carin A. Hagberg, Carlos A. Artime, and Michael F. Aziz, continues the tradition of excellence with coverage of new devices and algorithms, new research, new outcomes reporting, and much more - while retaining a concise, how-to approach; carefully chosen illustrations; and case examples and analysis throughout. Offers expert, full-color guidance on pre- and post-intubation techniques and protocols, from equipment selection through management of complications. Includes the latest ASA guidelines, as well as six all-new chapters including airway management in nonoperating room locations (NORA), airway management and outcomes reporting, and more. Features completely rewritten chapters on airway pharmacology, algorithms for management of the difficult airway, airway assessment, video-assisted laryngoscopy, and many more. Reviews new airway devices and techniques, along with indications for and confirmation of tracheal intubation. Brings you up to date with the latest devices, the DAS extubation algorithm, the Vortex approach, and emergency cricothyrotomy. **Damage Control: Advances in Trauma Resuscitation, An Issue of Emergency Medicine Clinics of North America Elsevier Health Sciences** This issue of Emergency Medicine Clinics, edited by Christopher Hicks and Andrew Petrosoniak, includes: Human factors in trauma resuscitation; rational approach to the trauma patient in shock; evidence-based updated on traumatic cardiac arrest; trauma airway; neuro-trauma management; managing thoracic trauma; major hemorrhage in trauma; major trauma in non trauma center; pelvic and abdominal trauma; major vascular injury; Special considerations in paediatric trauma; and Special considerations in geriatric trauma. **Roberts and Hedges' Clinical Procedures in Emergency Medicine E-Book Elsevier**

Health Sciences *Roberts and Hedges' Clinical Procedures in Emergency Medicine* continues its long tradition of being the most well-known and trusted procedures manual in emergency medicine. The newly revised 6th edition of this classic medical reference has been thoroughly updated with step-by-step Review, Procedure, and Ultrasound Boxes covering the latest equipment, devices, drug therapies, and techniques you need to know for effective practice of emergency medicine. You'll access complete and detailed guidance on exactly when, how, and why to perform all of today's common and uncommon procedures and get the best results. Understand the ins and outs of every procedure you're likely to consider, such as how, why, when to, and when not to perform them, in addition to other emergency procedures that may be an option. Rapidly review the entire contents online, including brand-new videos of common and complex procedures, at Expert Consult. See entire procedures at a glance with the addition of new Procedure Boxes, which offer step-by-step visual instruction on over 250 emergency techniques. Ideal for point-of-care reference, these Procedure Boxes also serve as a comprehensive mini atlas and are especially useful for less-encountered procedures or those that require complex equipment. Easily apply the latest emergency ultrasound techniques through new Ultrasound Boxes, all of which are expertly written and richly illustrated with photographs of the technique as well as screen captures of the US images. Master today's hottest new procedures including ultrasound for diagnosis of pneumothorax; loop abscess drainage; pediatric fluid resuscitation; and video-assisted intubation. Clearly and efficiently visualize all emergency procedures with a complete overhaul of figures, now nearly all in full color; new diagnostic images representing multiple modalities; and online-only procedural videos demonstrating key techniques. Your purchase entitles you to access the web site until the next edition is published, or until the current edition is no longer offered for sale by Elsevier, whichever occurs first. Elsevier reserves the right to offer a suitable replacement product (such as a downloadable or CD-ROM-based electronic version) should access to the web site be discontinued. **Rosen's Emergency Medicine: Concepts and Clinical Practice Elsevier Health Sciences** For nearly 40 years, Rosen's Emergency Medicine has provided emergency physicians, residents, physician assistants, and other emergency medicine practitioners with authoritative, accessible, and comprehensive information in this rapidly evolving field. The fully revised 10th Edition delivers practical, evidence-based knowledge and specific recommendations from clinical experts in a clear, precise format, with focused writing, current references, and extensive use of illustrations to provide definitive guidance for emergency conditions. With coverage ranging from airway management and critical care through diagnosis and treatment of virtually every emergency condition, from highly complex to simple and common, this award-winning, two-volume reference remains your #1 choice for reliable, up-to-date information across the entire spectrum of emergency medicine practice. Offers the most immediately clinically relevant content of any emergency medicine resource, providing diagnostic and treatment recommendations and workflows with clear indications and preferred actions. Contains eight entirely new chapters covering coronaviruses/COVID-19, the morbidly obese patient, human trafficking, sexual minority (LGBTQ) patients, social determinants of health, community violence, and humanitarian aid in war and crisis. Features over 1,700 figures, including more than

350 new anatomy drawings, graphs and charts, algorithms, and photos. Includes new information across the spectrum of emergency care, such as adult and pediatric airway management, shock, pandemic disease, emergency toxicology, sepsis syndrome, resuscitation, medical emergencies of pregnancy, the immunocompromised patient, child abuse, pediatric sedation, pediatric trauma, and more. Features revised and refined chapter templates that enhance navigation, making it easy to find key information quickly. Provides access to more than 1,200 questions and answers online to aid in exam preparation, as well as two dozen new video clips showing how to best perform critical emergency procedures in real time. Reviewed and verified cover-to-cover by a team of expert clinical pharmacists to ensure accuracy and completeness of all drug information and treatment recommendations. **An Update on Airway Management Bentham Science Publishers** In recent years, there have been many advances in the safe management of the patient's airway, a cornerstone of anesthetic practice. *An Update on Airway Management* brings forth information about new approaches in airway management in many clinical settings. This volume analyzes and explains new preoperative diagnostic methods, algorithms, intubation devices, extubation procedures, novelties in postoperative management in resuscitation and intensive care units, while providing a simple, accessible and applicable reading experience that helps medical practitioners in daily practice. The comprehensive updates presented in this volume make this a useful reference for anesthesiologists, surgeons and EMTs at all levels. Key topics reviewed in this reference include: · New airway devices, clinical management techniques, pharmacology updates (ASA guidelines, DAS algorithms, Vortex approach, etc.), · Induced and awake approaches in different settings · Updates on diagnostic accuracy of perioperative radiology and ultrasonography · Airway management in different settings (nonoperating room locations and emergency rooms) · Airway management in specific patient groups (for example, patients suffering from morbid obesity, obstetric patients and critical patients) · Algorithms and traditional surgical techniques that include emergency cricothyrotomy and tracheostomy in 'Cannot Intubate, Cannot Ventilate' scenarios. · Learning techniques to manage airways correctly, focusing on the combination of knowledge, technical abilities, decision making, communication skills and leadership · Special topics such as difficult airway management registry, organization, documentation, dissemination of critical information, big data and databases **Mac Keep a Human Touch The Book Guild** Early March, 2020. When a body is found on a spoil heap, Mac gets the case. Detective Inspector Calum Larsen (known as Mac) works for the Peripatetic Investigation Team based in Edinburgh. His early enquiries establish that the dead man, tasered prior to death, was involved in a joint university project to develop new software for the deployment of laser weapons on drones. Days later, a second body is discovered on a beach; also tasered. Mac tries to avoid jumping to the conclusion that the two cases are linked... but then evidence emerges that both men were drug users, and that there was also a personal connection between the two. Meanwhile, Mac discovers that the project has input from an aggressive, multi-national corporation, strongly committed to the extensive use of Artificial Intelligence in weapons deployment. As the Chief Superintendent begins to put the screws on Mac to work quickly to avoid political complications, can Mac get the cases wrapped up before it's too late? **Anesthesia**

Equipment E-Book Principles and Applications Elsevier Health Sciences *Anesthesia Equipment: Principles and Applications, 2nd Edition*, by Dr. Jan Ehrenwerth and Dr. James B. Eisenkraft, offers expert, highly visual, practical guidance on the full range of delivery systems and technology used in practice today. It equips you with the objective, informed answers you need to ensure optimal patient safety. Consult this title on your favorite e-reader with intuitive search tools and adjustable font sizes. Elsevier eBooks provide instant portable access to your entire library, no matter what device you're using or where you're located. Make informed decisions by expanding your understanding of the physical principles of equipment, the rationale for its use, delivery systems for inhalational anesthesia, systems monitoring, hazards and safety features, maintenance and quality assurance, special situations/equipment for non-routine adult anesthesia, and future directions for the field. Ensure patient safety with detailed advice on risk management and medicolegal implications of equipment use. Apply the most complete and up-to-date information available on machines, vaporizers, ventilators, breathing systems, vigilance, ergonomics, and simulation. Visualize the safe and effective use of equipment thanks to hundreds of full-color line drawings and photographs. **Anesthesia Equipment, Principles and Applications (Expert Consult: Online and Print), 2 Anesthesia Equipment Elsevier Health Sciences** *Anesthesia Equipment: Principles and Applications, 2nd Edition*, by Dr. Jan Ehrenwerth and Dr. James B. Eisenkraft, offer expert, highly visual, practical guidance on the full range of delivery systems and technology used in practice today. It equips you with the objective, informed answers you need to ensure optimal patient safety. Make informed decisions by expanding your understanding of the physical principles of equipment, the rationale for its use, delivery systems for inhalational anesthesia, systems monitoring, hazards and safety features, maintenance and quality assurance, special situations/equipment for non-routine adult anesthesia, and future directions for the field. Ensure patient safety with detailed advice on risk management and medicolegal implications of equipment use. Apply the most complete and up-to-date information available on machines, vaporizers, ventilators, breathing systems, vigilance, ergonomics, and simulation. Visualize the safe and effective use of equipment thanks to hundreds of full-color line drawings and photographs. Access the complete text and images online, fully searchable, at www.expertconsult.com. **Miller's Anesthesia, 2-Volume Set E-Book Elsevier Health Sciences** Covering everything from historical and international perspectives to basic science and current clinical practice, *Miller's Anesthesia, 9th Edition*, remains the preeminent reference in the field. Dr. Michael Gropper leads a team of global experts who bring you the most up-to-date information available on the technical, scientific, and clinical issues you face each day - whether you're preparing for the boards, studying for recertification, or managing a challenging patient care situation in your practice. Includes four new chapters: *Clinical Care in Extreme Environments: High Pressure, Immersion, and Hypo- and Hyperthermia; Immediate and Long-Term Complications; Clinical Research; and Interpreting the Medical Literature*. Addresses timely topics such as neurotoxicity, palliation, and sleep/wake disorders. Streamlines several topics into single chapters with fresh perspectives from new authors, making the material more readable and actionable. Features the knowledge and expertise of former lead editor Dr. Ronald Miller, as well as new editor Dr.

Kate Leslie of the University of Melbourne and Royal Melbourne Hospital. Provides state-of-the-art coverage of anesthetic drugs, guidelines for anesthetic practice and patient safety, new techniques, step-by-step instructions for patient management, the unique needs of pediatric patients, and much more – all highlighted by more than 1,500 full-color illustrations for enhanced visual clarity.

Airway Management, An Issue of Anesthesiology Clinics, E-Book Elsevier Health Sciences *Airway management is the medical process of ensuring there is an open pathway between a patient's lungs and the outside world, as well as reducing the risk of aspiration. Airway management is a primary consideration in cardiopulmonary resuscitation, anesthesia, emergency medicine, intensive care medicine and first aid. Difficult airway (defined as more than three attempts, or taking longer than 10 minutes) is the major factor in anesthesia morbidity.*

Raspberry Pi 3 in easy steps In Easy Steps *The Raspberry Pi is an inexpensive programmable credit-card sized computer that plugs into your TV and a keyboard. It can be used for many of the things that your PC does, like spreadsheets, word-processing and playing games, but its real purpose is to inspire children (and adults) to learn how to program. Over five million Raspberry Pis have been sold worldwide, so far! Raspberry Pi 3 in easy steps starts with the basic components you'll need, setting up the system and logging into the console. Then, in easy steps, it introduces you to the Raspbian operating system that is optimized for the Raspberry Pi. You'll learn how to customize the look and feel of your system, how to navigate the file system, and how to use the powerful system 'shell' to make things happen for you. The new GPIO interface is fully described, and the new NOOBS installer is also described for setup. Raspberry Pi 3 in easy steps enables complete beginners to create their very own computer programs with the Scratch visual programming environment. It also instructs programming in the high-level (human-readable) Python programming language, which is processed by the Python 'interpreter' to produce results fast. Examples demonstrate how to use the included Python 'pygame' module, to make your own games, and how to use the included 'Tkinter' module to create graphical windowed apps. Raspberry Pi 3 in easy steps also illustrates how to control electrical input and output on the Raspberry Pi header from Python scripts, including lighting a lamp, adding more buttons and controlling projects. With the knowledge gained from this book the reader can confidently advance to any future electronic Raspberry Pi project or other explore other programming environments. Covers the latest versions of Python.*

Topical Issues in Anesthesia and Intensive Care Springer *This book describes the state of the art concerning some of the most hotly debated topics in anesthesia and intensive care and is at the same time intended to serve as a useful practical guide that will assist in improving outcomes. The topics covered are wide ranging and include, for example, the use of antibiotics during renal replacement therapy, the role of video laryngoscopy, management of mechanical ventilation in the operating room, use of high-frequency ventilation in patients with respiratory failure, management of the potentially brain dead patient, perioperative delirium, cardiac protection during general anesthesia, single-lung ventilation, and use of lung imaging in critically ill patients. Written by recognized experts in the field, the book will offer a comprehensive and easy to understand update for specialists and students of anesthesia and intensive care.*

Nurse Anesthesia - E-

Book Elsevier Health Sciences Gain a thorough understanding of nursing anesthesia with the most comprehensive text on the market. Written by leading expert, John Nagelhout, CRNA, PhD, FAAN, and new contributing author Sass Elisha, EdD, CRNA, Nurse Anesthesia, 6th Edition features both scientific principles and evidence-based material. Inside you'll find a solid introduction to the history, education, and legal issues of nurse anesthetist, its scientific foundations, equipment and monitoring, and preoperative evaluation and preparation of the patient. This new edition includes chapters on patient centered care and cultural competence, additional drugs of interest, blood and blood component therapy, anesthesia management for patients with cardiac devices, anesthesia for robotic surgery, anesthesia for transplant surgery and organ procurement, and physiology and management of acute and chronic pain. Not only a key reference for practicing nurse anesthetists, this bestseller prepares you for certification and today's clinical anesthesia practice. New coverage includes the latest specifics of pharmacokinetics, drug delivery systems, opiate antagonists, and key induction drugs. Updated information on patient safety, monitoring, and pharmacology. Unique! Expert CRNA authors provide the current clinical information that you will use in daily practice. Over 700 tables and boxes highlight the most essential information in a quick, easy-to-reference format. Easy-to-use organization covers basic principles first, and builds on those with individual chapters for each surgical specialty. Updated TJC standards for monitoring and administering moderate sedation/analgesia. NEW! Expanded content includes; non-OR anesthesia, acute and chronic pain management, anesthesia implications of complementary and alternative medicine, robotic surgery, new and less invasive procedures in interventional radiography, implications of modern implanted cardiac devices, and more! NEW! Full-color design and figures clarify difficult concepts and give the text a contemporary look and feel. NEW! Co-author Sass Elisha brings a fresh perspective to this edition. **Emergency Department Critical Care Springer Nature** This comprehensive book provides practical guidance on the care of the critical patient in the emergency department. It focuses on the ED physician or provider working in a community hospital where, absent the consulting specialists found in a large academic center, the provider must evaluate and stabilize critically ill and injured patients alone. Structured in an easily accessible format, chapters present fundamental information in tables, bullet points, and flow diagrams. Emergency medicine scenarios covered across 38 chapters include acute respiratory failure, spinal cord Injuries, seizures and status epilepticus, care of the newborn, and end-of-life care. Written by experts in the field, Emergency Department Critical Care is an essential resource for practicing emergency physicians and trainees, internists and family physicians, advance practice nurses, and physician's assistants who provide care in emergency departments and urgent care centers. **Aesthetic Orthognathic Surgery and Rhinoplasty John Wiley & Sons** Comprehensive in scope, Aesthetic Orthognathic Surgery and Rhinoplasty presents orthognathic surgery from an aesthetic perspective, encompassing analysis, diagnosis, treatment, 3D virtual planning, and adjunctive procedures. Easily accessible clinical information presented in a concise and approachable format Well-illustrated throughout with more than 1,000 clinical photographs Includes access to a companion website with videos of surgical procedures **Catalog of Copyright Entries.**

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education, this book provides information for all medical educators, including creating the optimal learning environment, teaching clinical reasoning, using multimedia and simulation, making the classroom interactive, and the significance of test-enhanced learning, while presenting specific examples of each. Chapters include teaching professionalism, preparing residents to be teachers, teaching quality and safety, providing feedback,