

# Battlefield Advanced Trauma Life Support Manual

*Now in paperback, the second edition of the Oxford Textbook of Critical Care addresses all aspects of adult intensive care management. Taking a unique problem-orientated approach, this is a key resource for clinical issues in the intensive care unit.*

*The Oxford Desk Reference: Major Trauma is the missing link between basic trauma management and advanced specialist care. Advanced Trauma Life Support courses*

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*have revolutionised trauma care in the last 3 decades, but there is little advice for the key decision makers in trauma care once the primary and secondary surveys are complete. This volume is a practical and evidence-based desk reference, giving a comprehensive walk-through from the initial phases of injury, through key decision-making in the resuscitation room, to surgical principles and rehabilitation. Including chapters on damage control, ballistic and blast injuries, and bariatric trauma, this text covers all the main areas of trauma care necessary for the*

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*trauma specialist in the 21st Century. The Oxford Desk Reference emphasises practical help but also covers the evidence and science behind trauma management. It includes the most up-to-date guidance from national bodies making recommendations for trauma care, using an international team of contributing authors. This book will become an essential tool for everyday use in the management of trauma. The text takes the reader step-by-step through the process of planning, organizing, implementing, and maintaining a simulation lab.*

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*It describes the required technology, how to train standardized patients, how to implement a simulation, evaluation and analysis of the simulation experience, and how to develop a business plan. the guide details simulation in undergraduate and graduate nursing programs, physician's assistant programs, and mental health education, as well as the use of simulation with critically ill patients, and in perioperative, perianesthesia, women's health, and rehabilitation*

*This book provides comprehensive information on*

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*Diagnostic Imaging for polytrauma patients. It provides extensive and detailed explanations of the semiotics of traumatic injuries, the correlation with the trauma's mechanism of action, and the meaning and appearance of prognostic indicators. The book begins with a discussion of the management of polytrauma patients. Particular attention is given to the role of radiology in management, and each chapter includes an assessment of the radiological findings to be used as a clinical decision-making tool. Several typical cases are*

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*shown, supplemented by a wealth of images. The book offers a useful tool both for radiologists, who will find in it a valuable guide to correctly diagnosing traumatic injuries, and for clinicians, who will come to better understand the findings of the diagnostic tests performed on their patients*

*A Comprehensive Review  
Textbook of Acute Trauma  
Care*

*Rescue, Resuscitation with  
Imaging, and Rehabilitation  
Trauma Care Pre-Hospital  
Manual*

*Ryan's Ballistic Trauma  
Journal of Special Operations  
Medicine*

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*This new book provides evidence based guidelines for the immediate clinical management of major trauma. It has been written by clinicians with many years of trauma experience, and endorsed as authoritative by Trauma Care (UK). The UK now has highly effective trauma systems. Clinical developments include the introduction of damage control resuscitation, tranexamic acid, blood product resuscitation, novel hybrid resuscitation and an emphasis on the control of major external*

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*haemorrhage as part of a new ABCDE approach. Consequently, more individuals with major trauma are surviving than ever before. Optimal pre-hospital care is essential for improved survival rates and reduced morbidity.*

*Trauma Rules 2 retains its lively and fun presentation to help you remember the essential principles of trauma care and feel confident about handling and treating patients appropriately in the first hours of injury. Thoroughly expanded and*



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*updated, and now including military trauma rules, the second edition of this popular pocket book now offers: 70 easy-to-memorize rules covering the important aspects of trauma care clear, authoritative explanations and instructive illustrations the three principal stages of trauma management: approach to the patient, initial assessment and resuscitation, and investigation and definitive care Trauma Rules 2 is compiled especially for those*

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*dealing with the immediate and early management of the severely injured patient.*

*This definitive resource from the eminent Oxford Textbooks series, the Oxford Textbook of Anaesthesia addresses the fundamental principles, underpinning sciences and the full spectrum of clinical practice. It brings together the most pertinent research from on-going scientific endeavours with practical guidance and a passion to provide the very best clinical care to patients.*

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*This comprehensive work covers all aspects of anaesthesia; volume one addresses the fundamental principles and the basic sciences whose understanding is required for a logical, effective and evidence-based approach to practice.*

*Volume two focuses on the clinical aspects of anaesthesia, including those aspects of intensive care and pain medicine that are required by all general anaesthetists as well as sections dedicated to procedures, surgical specialities, paediatrics,*

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*the conduct of anaesthesia outside the theatre, and concurrent disease. In 91 finely crafted and highly illustrated chapters, experts in anaesthesia review the supporting evidence and key techniques for the clinical management of specific conditions and patient groups.*

*International contributors share their research and extensive experience to provide a wealth of practical advice for use in clinical situations in a global context. The Oxford Textbook of*

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*Anaesthesia will publish both in print and online on Oxford Medicine Online where it can be accessed via smartphone or similar devices and will be updated annually to reflect major changes in clinical practice. The print edition of the Oxford Textbook of Anaesthesia comes with a year's access to the online version. This essential reference tool supports all anaesthetists seeking an up-to-date and trustworthy account of all aspects of anaesthesia. It will be an indispensable*

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*guide to anaesthetists of all grades and subspecialty interest. Historically, 20% of all injured combatants die on the battlefield before they can be evacuated to a field hospital. Blood loss--hemorrhage--is the single major cause of death among those killed in action whose lives might otherwise be saved. Fluid resuscitation and the treatment of hypovolemia (the abnormally decreased volume of circulating fluid in the body) offer the greatest opportunity*

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*for reducing mortality and morbidity associated with battlefield casualties. In Fluid Resuscitation, a committee of experts assess current resuscitation fluids and protocols for the treatment of combat casualties and make recommendations for future research. Chapters focus on the pathophysiology of acute hemorrhagic shock, experience with and complications of fluid resuscitation, novel approaches to the treatment of shock, protocols of care at the*

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*site of injury, and future directions for research.*

*The committee explicitly describes the similarities and differences between acute medical care during combat and civilian emergency trauma care.*

*Fluid Resuscitation should help energize and focus research in both civilian and military emergency care and help save the lives of citizens and soldiers alike.*

*Perspectives in Theory and Practice*

*Incorporating Military Trauma Rules*

*Fluid Resuscitation*



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*Orthopaedic Trauma in the  
Austere Environment  
A Textbook of  
Perioperative Care  
Trauma Centers and Acute  
Care Surgery*

Disaster medicine is a broad and dynamic field that encompasses the medical and surgical response to mass casualty incidents including rail, air, and road traffic accidents; domestic terrorism; and pandemic outbreaks. It also encompasses the global issues of conflict and natural catastrophe. Specialists in disaster medicine provide insight, guidance  
Prehospital care is a growing area in medicine, and emergency treatments are becoming more sophisticated as the potential to save lives grow. The fourth edition of this ABC has been

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thoroughly updated and includes new chapters on nuclear and biological emergencies. Each chapter gives concise and clear guidance and is accompanied by excellent photographs and diagrams. Edited and written by leading UK trauma authorities, this is a truly comprehensive and practical book for everyday use by emergency medicine staff, nurses, hospital doctors, paramedics, and ambulance services. This title is also available as a mobile App from MedHand Mobile Libraries. Buy it now from iTunes, Google Play or the MedHand Store.

This book provides a systemic approach to acute trauma care in line with the ABCDE paradigm and up-to-date information on assessing and managing major trauma from the pre-hospital to the rehabilitation phase.

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The book's early sections are dedicated to identifying and managing pathology caused by massive haemorrhage, airway, breathing, circulation or neurological trauma and examining the current evidence base relating to their management. The book then builds from fundamental skills to advanced interventions so that each level of responder can identify and implement aspects of clinical practice that will be of benefit to them at their stage. This approach also explains advanced interventions that may be executed subsequently, explaining how each phase of care sits together. This has a further benefit of producing seamless care for patients by practitioners of different levels using this book as a reference point. Later sections deal with specifics of in-hospital trauma care by specialty,

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including the explanation of decision making processes by specialties, use of diagnostic and interventional radiology, rehabilitation and psychological aspects of trauma care. The Textbook of Acute Trauma Care also focuses on non-clinical issues relevant to trauma such as training and logistics of retrieval and repatriation, aviation considerations in HEMS, legal and forensic evidence considerations and ethical issues dealing with trauma patients. In addition, the book contains chapters from international experts on cognitive and human factors relating to healthcare and suggests strategies for training and minimising errors. This book is an essential resource for all grades of practitioner, from first responders to Consultant/Attending Physician level providers.

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This handbook is intended for military and civilian personnel undertaking emergency treatment of casualties from all forms of conflict. The emphasis is on safe, practical intervention during the early phases after injury, for example: Battlefield Advanced Trauma Life Support, damage control surgery, anaesthesia, intensive care, analgesia, wound management, burns and prevention of infection.

Disaster Medicine

Prehospital Trauma Care

Battlefield Advanced Trauma Life

Support, Battlefield Advanced

Resuscitation Techniques and Skills

Combat Anesthesia: The First 24

Hours

Rich's Vascular Trauma E-Book

**Trauma patients present a unique**

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**challenge to anesthesiologists, since they require resource-intensive care, often complicated by pre-existing medical conditions. This fully revised new edition focuses on a broad spectrum of traumatic injuries and the procedures anesthesiologists perform to care for trauma patients perioperatively, surgically, and post-operatively. Special emphasis is given to assessment and treatment of co-existing disease, including surgical management of trauma patients with head, spine, orthopaedic, cardiac, and burn injuries. Topics such as training for trauma (including use of simulation) and hypothermia in trauma are also covered. Six brand new chapters address pre-hospital and ED trauma**

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**management, imaging in trauma, surgical issues in head trauma and in abdominal trauma, anesthesia for oral and maxillofacial trauma, and prevention of injuries. The text is enhanced with numerous tables and 300 illustrations showcasing techniques of airway management, shock resuscitation, echocardiography and use of ultrasound for the performance of regional anesthesia in trauma. Comprehensive in scope and content, Prehospital Trauma Care (PTC) covers all aspects of emergency medicine-triage assessment and treatment, anesthesia, intensive care, psychiatry, health and military disasters, burns, shock, and surgery. Written by over 70 distinguished**

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**international experts representing  
Australia, Austria, Belgium, Canada,  
Den**

**Manual of Definitive Surgical  
Trauma Care is an essential manual  
for all trainee and qualified  
surgeons. It covers every aspect of  
surgical trauma care. Provides clear  
access to all necessary information,  
from theory of injury through to  
individual organ system injury and  
resources such as injury scoring  
Provides clear surgical guidance on  
how to deal with major trauma  
Updated to incorporate all recent  
developments including massive  
transfusion and current surgical  
techniques of exposure and repair  
Contains hints, tips and tricks, while  
highlighting the pitfalls that can**



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**occur when dealing with major trauma A truly global perspective based on the IATSIC approved DSTC course, Manual of Definitive Surgical Trauma Care will give you the confidence to focus on life-saving surgical techniques when faced with challenging and unfamiliar incidents of trauma. Written by the faculty who teach the DSTC Course, developed for the International Association for Trauma Surgery and Intensive Care (IATSIC), it is ideal for all surgeons who deal with major surgical trauma on an infrequent basis.**

**Following the humanitarian horrors of the 1990s, the international community began to seek consensus on a new norm to help address the**

**tension between upholding the sovereign right of states to administer their own internal affairs, and the pressing need for civilian populations to be protected from their own government in certain situations. The result was the responsibility to protect initiative from the UN, accepted as an emerging norm and based on existing legal structures although not itself necessarily accepted as law. This volume looks not only at the humanitarian-inspired interventions of the past 15 years, such as those that took place under the Force for Good banner of the UK Government under New Labour, but also looks at what this has meant for the people actually involved in doing them.**

**What responsibilities do states have towards their own soldiers when sending them to protect ‘other’ people? Should that protections extend to moral and psychological protection as well as physical protection, and if so, how? How far does the duty go when considering the protection of one’s own citizens who have deliberately placed themselves in harm’s way, such as journalists who have chosen to leave the safety of a protected area? What happens when institutions are faced with the choice of protecting their people or their reputation? What does it feel like for the inhabitants of a state who become ‘protected’ by the international community?**

**Trauma Rules 2**

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**BATLS**

**Managing Obstetric Emergencies  
and Trauma**

**A Peer Reviewed Journal for SOF  
Medical Professionals**

**A Practical Guide to Care in the  
Humanitarian Setting**

**Telemedicine for Trauma,  
Emergencies, and Disaster  
Management**

This revised fourth edition provides a concise guide to the clinical and operational issues surrounding the management of the ballistic casualty. This book utilises the knowledge and experience

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acquired by those dealing with ballistic trauma on a regular basis to help those who manage these patients less regularly. This book is a valuable reference tool for all medical and paramedical personnel involved in the care of patients with ballistic injury. It is especially relevant for consultants and senior trainees in surgery, anesthesia, and emergency medicine who are likely to be involved in the

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management of these  
unique injuries.

BATLS Battlefield

Advanced Trauma Life  
Support, Battlefield

Advanced Resuscitation  
Techniques and

Skills Five Best

Retirement Destinations  
in the World

Orthopaedic trauma

represents 75% of the  
casualties in a

disaster. Many of these  
patients will be cared

for by international  
volunteers, but good

intentions are not

always matched by good

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preparation. This book explains how best to prepare for missions, how to deal with injuries in austere conditions, how to ensure a positive legacy, and the need for cultural, political, and legal awareness. All of the most common orthopaedic presentations encountered in the austere environment are covered. In addition to evidence-based research, cases and actual experiences from the

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authors' missions are included to illustrate and bring to life key points. This book, written by a team of international experts with extensive experience of challenging field missions, will be an ideal practical guide for volunteers and health care workers, helping them to deal with confusing, chaotic, and distressing situations with greater confidence and efficacy.



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Whether switching on the TV, picking up a newspaper or simply logging on to the internet, one is constantly faced with images of natural disasters, conflict and human suffering. Humanity has experienced these problems throughout time and we have evolved methods and mechanisms for alleviating suffering, from trauma care following a traffic accident to international pacts and

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the Millennium  
Development Goals. In  
exploring such diverse  
cases of aid  
intervention, Disaster  
Medicine: A Case Based  
Approach provides  
interesting, easily  
accessible content and  
context for  
understanding disaster  
medicine and global  
health. In each case the  
reader will be put in  
the position of the  
decision maker and as in  
real life some of the  
cases will portray  
success and some will

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show failure. It is hoped the reader will consider the issues and problems for themselves and perhaps consider things they would choose to do differently.

Written by a team of experts with extensive experience in the field and a progressive perspective *Disaster Medicine: A Case Based Approach* is a valuable text for students and professionals of disaster medicine.

*Making Sense of Disaster Medicine: A Hands-on*

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Guide for Medics

Diagnostic Imaging in

Polytrauma Patients

Journal of the Royal

Army Medical Corps

Oxford Desk Reference -

Major Trauma

Manual of Definitive

Surgical Trauma Care,

Fifth Edition

Support to High

Intensity Operations

**The provision of support for troops**

**in Iraq and Afghanistan is made**

**more difficult because they operate**

**in remote locations and harsh**

**conditions. Despite the challenging**

**operational environments, the**

**Ministry of Defence (MOD) has**

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successfully delivered around 300,000 personnel and 90,000 tonnes of freight to Iraq and Afghanistan over the last two years. However, it has not consistently met its targets for delivering supplies in a timely fashion. The MOD is taking measures to improve the effectiveness of its supply chain; and the amount of time a unit waits for items to be delivered has reduced by half in Afghanistan and a third in Iraq. 4.2 billion has been approved to upgrade or buy new equipment to meet urgent requirements in the two theatres. The NAO found that the availability of this equipment has generally met or exceeded targets, though there

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have been spares shortages with some fleets particularly when the vehicle is used for a different purpose than intended. The availability and serviceability of helicopters has exceeded MOD targets, although prioritisation of spare parts for operations has led to reduced availability in the UK.

There are also shortages of equipment for Service personnel in the UK to train with, prior to deployment overseas.

Accommodation, medical and welfare services to Service personnel on operations are generally satisfactory although provision at the smaller patrol bases is more basic.

The helicopter borne Medical

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Emergency Response Teams provide quick, life-saving medical support to casualties and evacuate them speedily to hospital.

Covers general aspects about preparing for the Fellowship Examination, followed by information about the individual written and clinical components. Includes example questions and template answers for the written examination. Australian authors. Published in association with the Society for Vascular Surgery (SVS), the newly updated edition of Rich 's Vascular Trauma draws on civilian and military authorities from around the world to offer comprehensive and up-to-date

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coverage of the management of vascular injury. Anatomic patterns of vascular trauma including extremity, torso and cervical injury are reviewed in detail, including the latest techniques to manage non-compressible torso hemorrhage. You ' ll have access to all of the current innovations across the broad spectrum of vascular trauma, presented in a well-organized fashion that allows you to quickly hone-in on the most important issues in patient care and management. Emphasizes the current management of civilian vascular injuries with an historical reflection of pioneering contributions from the battlefield.



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Combines the largest existing database of military vascular trauma with the experience of one of the nation's premier civilian trauma centers. Examines operative techniques and "damage control" for vascular traumas. For the first time, includes a novel International Perspectives section featuring fascinating accounts of vascular trauma from nine leading surgeons from five continents. This section focuses on innovative surgical treatments tailored to locally developed pathways of care, training solutions, and regional injury patterns. End-to-end coverage of all phases of acute vascular injury care, including a new assessment of the

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implications of vascular trauma in the pre-hospital setting (i.e. point of injury and en-route care). Covers the emerging hot topics, including endovascular procedures to manage trauma, contemporary use of vascular shunts, and a modern reappraisal of resuscitative endovascular balloon occlusion of the aorta for shock. An innovative chapter on the systems approach and quality improvement in vascular trauma, offering information and tactics for all providers wishing to understand how clinical systems underpin patient outcome and recovery from this challenging injury pattern. A combined civilian and military authorship from

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internationally recognized authorities draws on the best available evidence, experience, and lessons-learned from Afghanistan, Iraq, and the "urban battlefield." Medicine eBook is accessible on a variety of devices.

The Managing Obstetric Emergencies and Trauma (MOET) course teaches the practical skills and procedures needed to save the mother and fetus in life-threatening circumstances. The course includes lectures, skills stations and workshops covering: resuscitation of the mother and newborn, including cardiopulmonary resuscitation, amniotic fluid embolism, pulmonary embolism and airway management;

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trauma, including shock, spine and spinal cord injuries and musculoskeletal trauma; obstetric emergencies, including pre-eclampsia and eclampsia, shoulder dystocia, umbilical cord prolapse and anaesthetic emergencies; and triage and transfer. The Manual provides readers with a structured preparation and revision system for the course. It provides essential anatomical, physiological and pathological information which the authors use to explain basic logical principles of resuscitation and treatment. Based on sound principles, this comprehensive handbook is easy to read and provides useful practical advice and

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management plans, and will be of use to all those working in obstetrics as well as to course delegates.

Military Medicine in Iraq and Afghanistan

Conflict and Catastrophe Medicine

The First 24 Hours

Trauma Anesthesia

Examination Emergency Medicine

Manual of Definitive Surgical

Trauma Care 3E

**ABC of Major Trauma ABC of Major Trauma, Fifth Edition An authoritative overview of the management and treatment of major trauma patients In the newly revised, and substantially expanded, Fifth Edition of ABC of Major Trauma, an eminent team of leading trauma**

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**specialists delivers a comprehensive, up-to-date, referenced overview of the emergency treatment of patients suffering from major trauma.**

**Covering all aspects of the management of injured patients during the initial, crucial hours after injury, the scope of the book has developed to include imaging appendices for many chapters. The editors have included resources that discuss general considerations for typical trauma cases, as well as the numerous atypical patients including children, the elderly and those who are pregnant. Hyperlinks are now also included throughout the book which enable the reader to refer to continuously updated guidelines. The book also offers: A thorough**

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**introduction to the development and organisation of trauma services, including pre-hospital care and major incidents. A guide to the modern trauma team personnel from airway doctor, to trauma nurse, to trauma team leader, while describing the technical and non-technical skills required for the ABCDE of trauma resuscitation, imaging and the subsequent transfer of the patient. Specialist chapters on ballistic trauma, chemical contamination and burns as well as the management of trauma in specialist patient groups including paediatrics, pregnancy, and the elderly. A new and vital chapter on rehabilitation as well an expansion of the measurement of trauma outcomes to include**

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**disability and a discussion on how such audits can drive further improvement. Perfect for all those involved in the care of the trauma patient, including nurses, physician associates, hospital doctors, paramedics and pre-hospital teams, the ABC of Major Trauma is a one-stop referenced guide to the care of such patients from the site of injury to maximal recovery. About the ABC series The ABC series has been designed to help you access information quickly and deliver the best patient care, and remains an essential reference tool for GPs, junior doctors, medical students and healthcare professionals. Now offering over 80 titles, this extensive series provides you with a quick and**



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**dependable reference on a range of topics in all the major specialties. The ABC series is the essential and dependable source of up-to-date information for all practitioners and students in primary healthcare. To receive automatic updates on books and journals in your specialty, join our email list. Sign up today at [www.wiley.com/email](http://www.wiley.com/email)**

**Surgery needs skill. Skill needs knowledge. Knowledge of tricks, moves, and tools. This book is about such knowledge. Expert authors have contributed technical pearls, gained by years of experience. The short “how-I-do-it” chapters offer the reader a quick and effective guide that will be invaluable when addressing any penetrating injury.**

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**The book is not intended to serve as a comprehensive volume of pathophysiology and management in trauma; rather the goal is to provide practical solutions on how to treat injuries surgically. It describes the steps that you must take when, in the middle of the night, confronted with devastating bleeding, you will have only one chance to save a life!**

**Developed by UK and US anesthetists with extensive experience in theater, this book describes the latest anesthesia techniques, practices, and equipment used in current combat and humanitarian operations. Includes chapters on topics such as injuries and physiology, team members, protocols, vascular access, airway**

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**management, burns, imaging, pain management and medications, regional anesthesia, ventilation, and postoperative management.**

**Unless dealing with injury regularly, few surgeons can attain and sustain the level of skill necessary for decision making in major trauma.**

**This includes both the intellectual decisions and the manual dexterity required to perform all the manoeuvres needed for surgical access and control. These can be particularly challenging, and may be infrequently required, yet rapid access to and control of sites of haemorrhage following trauma can be life-saving surgical intervention. Many situations require specialist trauma expertise, yet often this is**

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**simply not on hand within the available time frame. Manual of Definitive Surgical Trauma Care, Second Edition, is written by the editorial board of the DSTCTM, which is a short course focusing on the life-saving surgical techniques and surgical decision-making required for surgeons who deal with major surgical trauma on an infrequent basis. This course supplements the well-recognized and accepted American College of Surgeons' Advanced Trauma Life Support (ATLS®) course. This manual is published in association with IATSIC (the International Association for the Surgery of Trauma and Surgical Intensive Care), and is written by an Editorial**

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**Board of surgeons who belong to that society. IATSIC are broadening their reach and running more and more courses worldwide. This new second edition has been updated to incorporate all recent developments in this rapidly progressing area. It emphasizes how practical 'real-life' decisions on the care of the injured patient should be made and then covers in practical terms the surgical techniques required. Every aspect of surgical trauma care is covered, including: ·the causation of injuries - aids rapid understanding of presented trauma; ·the initial, pre-hospital and emergency department care of the patient - all of which may determine eventual outcome; ·the resources required, both physical**

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**and intellectual, within the hospital to deal with the specific problems associated with patients with multiple injuries; the limitations in providing specialist expertise within the time frame required. It is an ideal practical manual for both trainees and qualified surgeons. State of the Science for Treating Combat Casualties and Civilian Injuries**

**Combat Anesthesia**

**A Practical Guide**

**Oxford Textbook of Anaesthesia**

**The MOET Course Manual**

**Responsibilities to Protect**

**Developed for the International Association for Trauma Surgery and Intensive Care (IATSIC), the Manual of Definitive Surgical**

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**Trauma Care 5e is ideal for training all surgeons who encounter major surgical trauma on an infrequent basis. This new edition includes both an e-version, and also a microSD card containing over 20 operative videos. The increasing role of non-operative management (NOM) has been recognised, and the Military Module is substantially updated to reflect recent conflict experience. An expanded section highlights trauma management under austere conditions. Written by faculty who teach the DSTC Course, this definitive and well established book focuses on life-saving surgical techniques to**

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**use in challenging and unfamiliar incidents of trauma. Conflict and Catastrophe Medicine - A Practical Guide provides a framework for use by health professionals visiting a resource-constrained environment. Encompassing problems brought about by local conflict or natural disasters, the book covers preparation, organisation, logistics, treatment of major trauma and medical emergencies, and the special problems of delivering medicine in a hostile environment. Conflict and Catastrophe Medicine - A Practical Guide comprehensively tackles: - self-preparation of health professionals to face a**



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**range of medical and related problems which occur in hostile and remote environments; - war and disaster medicine, covering acute management, rehabilitation, reconstruction and prevention; - bridging the fields of medicine, nursing, international relations, history, politics and economics. The book also touches on nutrition, infection, trauma, psychiatry and psychological medicine and training. James Ryan, Leonard Cheshire Professor of Conflict Recovery, Royal Free and University College Medical School, London, UK Peter F Mahoney, Consultant Anaesthetist and Honorary**

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**Senior Lecturer in Conflict  
Medicine, Leonard Cheshire  
Centre, Royal Free and  
University College Medical  
School, London, UK Ian Greaves,  
Lecturer in Conflict Medicine,  
Leonard Cheshire Centre, Royal  
Free and University College  
Medical School, London, UK  
Gavin Bowyer, Consultant in  
Orthopaedic Surgery,  
Southampton General Hospital,  
UK.**

**Telemedicine has evolved to  
become an important field of  
medicine and healthcare,  
involving everything from simple  
patient care to actual  
performance of operations at a  
distance. This groundbreaking**

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**volume addresses the complex technical and clinical development in the management of trauma, disaster, and emergency situations using telemedicine. The book explains how telemedicine and related technologies can be used to effectively handle a wide range of scenarios, from a situation as small as a car crash, to major disasters such as an earthquake. Professionals find critical discussions on the practicality, logistics, and safety of telemedicine from recognized experts in the field. From teleteaching and telemonitoring, to teletrauma and telesurgery, this authoritative book covers all**

**the major aspects that practitioners need to understand in order to engage and utilize this burgeoning area of medicine.**

**Woodhead and Wicker's new text will be the foremost reference source for all perioperative practitioners. The content mirrors the dynamics of modern perioperative practice by focusing on surgical interventions in all the environments in which it is currently practised, including A&E departments, general practice clinics, intensive care units, and at the site of serious accidents. Theatre practice is becoming increasingly**

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**specialist; this book does not attempt to to reflect the needs of all specialties, but instead concentrates on the principles of practice, applicable to any setting and any specialty. It has a very practical focus - it aims to be the book that nurses and ODPs reach for in order to answer their practical questions - but is not be procedure-driven. Instead, it sets out the principles of perioperative practice, from which practitioners will be able to develop their own practice techniques. Reflects principles of practice, applicable to any perioperative environment  
Strong practical focus Edited by two of the biggest 'names' in the**

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**international perioperative nursing sphere, with contributions from other well-known and authoritative sources  
Excellent opportunities to develop links with the National Association of Theatre Nurses and the European Operating Room Association The team of contributors are experienced practitioners working directly with perioperative patients or in perioperative education An original model for ethical practice is proposed: the Reid model is the first such ethical model to be proposed for the perioperative environment Includes one of the only chapters in any perioperative**

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**book which specifically focuses on the care of the elderly. The research chapter encourages the use of evidence based practice and the development of perioperative research The unique chapter on care of the mentally ill will support practitioners who are not qualified in psychiatry to care for mentally ill patients. This is an area where there is a great information deficit Key points listed for each chapter Sections have been completely revised from previous edition - key subject areas now stand-alone chapters rather than sections within much larger chapters - creates ease of access for user**

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**Change of editorship**

**Recognises the diversity of perioperative environments much more explicitly than previous edition**

**Five Best Retirement**

**Destinations in the World**

**A Practical Guide on Operative Technique and Peri-Operative Management**

**Ballistic Trauma**

**Human Simulation for Nursing and Health Professions**

**A Guide to the ACEM Fellowship Examination**

**ABC of Major Trauma**

Many, if not most, of the recent improvements in trauma care in civilian practice have developed from military experience. The British



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Defence Medical Services have been recognised as providers of exemplary health care. Although there is an emphasis on trauma, this book also captures lessons from internal medicine and infectious disease, ethics (for example dealing with detainees – a particularly controversial subject), human factors, mental health issues and rehabilitation. Military Medicine provides the evidence and context for these innovations, and its unique and important account will be of interest to both military and civilian practitioners alike.

Ryan's Ballistic Trauma 3rd Edition provides a concise guide to the clinical and operational issues surrounding the management of the ballistic casualty. This book crystallizes the knowledge and experience accrued by those dealing with ballistic trauma on a

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regular basis and extends this to those who have to manage these patients on an occasional basis only. Ryan's Ballistic Trauma 3rd Edition is a valuable reference tool for all medical and paramedical personnel involved in the care of patients with ballistic injury. It is especially relevant for consultants and senior trainees in surgery, anaesthesia and emergency medicine who are likely to be involved in the management of these unique injuries. This book is essential reading for pre-hospital care providers and nurses working in the emergency room, as well as military surgeons and medical and nursing staff on deployment in regions of conflict.

Penetrating Trauma

A Case Based Approach

Manual of Definitive Surgical Trauma  
Care 2E

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Manual**

**Index Medicus**

**Oxford Textbook of Critical Care**