

# War Surgery In Afghanistan And Iraq A Series Of Cases 2003 2007 Textbooks Of Military Medicine

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Battlefield Angels Scott McGaugh 2011-07-20 Author, journalist, and USS Midway Museum spokesman Scott McGaugh reveals the riveting stories of the men and women who save lives on the front lines in Battlefield Angels, the first book about battlefield medicine in the US military. Told from the point of view of the unsung heroes who slide into bomb craters and climb into blazing ships, this unique look at medicine in the trenches traces the history of the military medical corps and the contributions it has made to America's health, for example, how the military medical corps pioneered the ambulance concept, emergency medevac helicopters, hospital designs, and contagious disease prevention. McGough also details how the military medical corps has adopted medical science discoveries, field tested them in battle, adapted them, and proved their value.

War Doctor David Nott 2020-03-03 #1 International Bestseller: A frontline trauma surgeon tells his "riveting" true story of operating in the world's most dangerous war zones (The Times). For more than twenty-five years, surgeon David Nott has volunteered in some of the world's most perilous conflict zones. From Sarajevo under siege in 1993 to clandestine hospitals in rebel-held eastern Aleppo, he has carried out lifesaving operations in the most challenging conditions, and with none of the resources of a major metropolitan hospital. He is now widely acknowledged as the most experienced trauma surgeon in the world. War Doctor is his extraordinary story, encompassing his surgeries in nearly every major conflict zone since the end of the Cold War, as well as his struggles to return to a "normal" life and routine after each trip. Culminating in his recent trips to war-torn Syria—and the untold story of his efforts to help secure a humanitarian corridor out of besieged Aleppo to evacuate some 50,000 people—War Doctor is a heart-stopping and moving blend of medical memoir, personal journey, and nonfiction thriller that provides unforgettable, at times raw, insight into the human toll of war. "Superb . . . You are constantly amazed that men such as Nott can witness the extraordinary cruelties of the human race, so many and so foul, yet keep going." —Sunday Times "Gripping and fascinating medical stories." —Kirkus Reviews

Front Line Surgery Matthew J. Martin, MD, FACS 2010-12-13 Both editors are active duty officers and surgeons in the U.S. Army. Dr. Martin is a fellowship trained trauma surgeon who is currently the Trauma Medical Director at Madigan Army Medical Center. He has served as the Chief of Surgery with the 47th Combat Support Hospital (CSH) in Tikrit, Iraq in 2005 to 2006, and most recently as the Chief of Trauma and General Surgery with the 28th CSH in Baghdad, Iraq in 2007 to 2008. He has published multiple peer-reviewed journal articles and surgical chapters. He presented his latest work analyzing trauma-related deaths in the current war and strategies to reduce them at the 2008 annual meeting of the American College of Surgeons. Dr. Beekley is the former Trauma Medical Director at Madigan Army Medical Center. He has multiple combat deployments to both Iraq and Afghanistan, and has served in a variety of leadership roles with both Forward Surgical Teams (FST) and Combat Support Hospitals (CSH).

Fragments from Iraq Zsolt T. Stockinger 2012 From February 2005 to March 2006, Navy trauma surgeon Zsolt T. Stockinger served on a forward operating base in Iraq's Sunni Triangle, where he treated more than a thousand casualties and performed hundreds of surgeries. Throughout his deployment, he penned his more introspective thoughts and frustrations about his experiences in a journal that he occasionally sent to his wife as a way to stay connected. Stockinger's diary comprises a compendium of daily military life in Iraq from a surgeon's perspective, from the intense action of rocket attacks and emergency procedures to the creative and often lighthearted ways soldiers fill tedious stretches of down time. Illustrated with more than 50 photographs, this work provides a realistic portrait of life on base and a powerful perspective on the human carnage of war.

Military Medicine in Iraq and Afghanistan Ian Greaves 2018-10-03 Many, if not most, of the recent improvements in trauma care in civilian practice have developed from military experience. The British Defence Medical Services have been recognised as providers of exemplary health care. Although there will 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.

Humanitarian Intervention and International Relations Jennifer M. Welsh 2003-12-18 Should states use military force for humanitarian purposes? What are the challenges to international society posed by humanitarian intervention in a post-September 11th world? This path-breaking work brings together well-known scholars of law, philosophy, and international relations, together with practitioners who have been actively engaged in intervention during the past decade. Together, this team provides practical and theoretical answers to one of the most burning issues of our day. Case studies include Somalia, Rwanda, the Balkans, and East Timor, as well as the recent US intervention in Afghanistan. The book demonstrates why humanitarian intervention continues to be a controversial issue not only for the United Nations but also for Western states and humanitarian organizations.

Planning to Fail James H. Lebovic 2019-03-14 The United States national-security establishment is vast, yet the United States has failed to meet its initial objectives in almost every one of its major, post-World War II conflicts. Of these troubled efforts, the US wars in Vietnam (1965-73), Iraq (2003-11), and Afghanistan (2001-present) stand out for their endurance, resource investment, human cost, and miscalculated decisions. Because overarching policy goals are distant and open to interpretation, policymakers ground their decisions in the immediate world of short-term objectives, salient tasks, policy constraints, and fixed time schedules. As a consequence, they exaggerate the benefits of their preferred policies, ignore the accompanying costs and requirements, and underappreciate the benefits of alternatives. In Planning to Fail, James H. Lebovic argues that a profound myopia helps explain US decision-making failures. In each of the wars explored in this book, he identifies four stages of intervention. First and foremost, policymakers chose unwisely to go to war. After the fighting began, they inadvisably sought to extend or expand the mission. Next, they pursued the mission, in abbreviated form, to suboptimal effect. Finally, they adapted the mission to exit from the conflict. Lebovic argues that US leaders were effectively planning to fail whatever their hopes and thoughts were at the time the intervention began. Decision-makers struggled less than they should have, even when conditions allowed for good choices. Then, when conditions on the ground left them with only bad choices, they struggled furiously and more than could ever matter. Policymakers allowed these wars to sap available capabilities, push US forces to the breaking point, and exhaust public support. They finally settled for terms of departure that they (or their predecessors) would have rejected at the start of these conflicts. Offering a far-ranging and detailed analysis, this book identifies an unmistakable pattern of failure and highlights lessons we can learn from it.

Emergency War Surgery, 5th US Revision Miguel A. Cubano 2018-10-01 Updated from the 2013 edition, this volume reflects lessons learned from recent US involvement in Iraq and Afghanistan, and represents state-of-the-art principles and practices of forward trauma surgery. Expertly addresses the appropriate medical management of blast wounds, burns, and multiple penetrating injuries, as well as other battle and non-battle injuries. Topics include triage, hemorrhage control, airway/breathing, shock and resuscitation, anesthesia, infections, critical care, damage control surgery, face and neck injuries, soft-tissue injuries, ocular injuries, head injuries, extremity fractures, thoracic injuries, amputations, abdominal injuries, pediatric care, and more. A new chapter provides Tactical Combat Casualty Care guidelines. Significant updates were also made to the blood collection and transfusion chapters. Other products produced by the U.S. Army, Borden Institute can be found here:

https://bookstore.gpo.gov/agency/borden-institute

Doctors at War Mark de Rond 2017-03-07 Doctors at War is a candid account of a trauma surgical team based, for a tour of duty, at a field hospital in Helmand, Afghanistan. Mark de Rond tells de the highs and lows of surgical life in hard-hitting detail, bringing to life a morally ambiguous world in which good people face impossible choices and in which routines designed to normalize experience have the unintended effect of highlighting war's absurdity. With stories that are at once comical and tragic, de Rond captures the surreal experience of being a doctor at war. He lifts the cover on a world rarely ever seen, let alone written about, and provides a poignant counterpoint to the archetypical, adrenaline-packed, macho tale of what it is like to go to war. Here the crude and visceral coexist with the tender and affectionate. The author tells of well-meaning soldiers at hospital reception, there to deliver a pair of legs in the belief that these can be reattached to their comrade, now in mid-surgery; of midsummer Christmas parties and pancake breakfasts and late-night sauna sessions; of interpersonal rivalries and banter; of caring too little or too much; of tenderness and compassion fatigue; of hell and redemption; of heroism and of playing God. While many good firsthand accounts of war by frontline soldiers exist, this is one of the first books ever to bring to life the experience of the surgical teams tasked with mending what war destroys.

Thank You for Your Service David Finkel 2013-10-01 Now a Major Motion Picture Directed by American Sniper Writer Jason Hall and Starring Miles Teller The wars of the past decade have been covered by brave and talented reporters, but none has reckoned with the psychology of these wars as intimately as the Pulitzer Prize-winning journalist David Finkel. For The Good Soldiers, his bestselling account from the front lines of Baghdad, Finkel embedded with the men of the 2-16 Infantry Battalion during the infamous "surge," a grueling fifteen-month tour that changed them all forever. In Finkel's hands, readers can feel what these young men were experiencing, and his harrowing story instantly became a classic in the literature of modern war. In Thank You for Your Service, Finkel has done something even more extraordinary. Once again, he has embedded with some of the men of the 2-16—but this time he has done it at home, here in the States, after their deployments have ended. He is with them in their most intimate, painful, and hopeful moments as they try to recover, and in doing so, he creates an indelible, essential portrait of what life after war is like—not just for these soldiers, but for their wives, widows, children, and friends, and for the professionals who are truly trying, and to a great degree failing, to undo the damage that has been done. The story Finkel tells is mesmerizing, impossible to put down. With his unparalleled ability to report a story, he climbs into the hearts and minds of those he writes about. Thank You for Your Service is an act of understanding, and it offers a more complete picture than we have ever had of these two essential questions:

When we ask young men and women to go to war, what are we asking of them? And when they return, what are we thanking them for? One of Publishers Weekly's Best Nonfiction Books of 2013 One of The Washington Post's Top 10 Books of the Year A New York Times Notable Book of 2013 An NPR Best Book of 2013 A Kirkus Reviews Best Nonfiction Book of 2013

Lions of Kandahar Rusty Bradley 2015-05-19 One of the most critical battles of the Afghan War is now revealed as never before. Lions of Kandahar is an inside account from the unique perspective of an active-duty U.S. Army Special Forces commander, an unparalled warrior with multiple deployments to the theater who has only recently returned from combat there. Southern Afghanistan was slipping away. That was clear to then-Captain Rusty Bradley as he began his third tour of duty there in 2006. The Taliban and their allies were infiltrating everywhere, poised to reclaim Kandahar Province, their strategically vital onetime capital. To stop them, the NATO coalition launched Operation Medusa, the largest offensive in its history. The battlefield was the Panjwayi Valley, a densely packed warren of walled compounds that doubled neatly as enemy bunkers, lush orchards, and towering marijuana stands, all laced with treacherous irrigation ditches. A mass exodus of civilians heralded the carnage to come. Dispatched as a diversionary force in support of the main coalition attack, Bradley's Special Forces A-team and two others, along with their longtime Afghan Army allies, watched from across the valley as the NATO force was quickly engulfed in a vicious counterattack. Key to relieving it and calling in effective air strikes was possession of a modest patch of high ground called Sperwan Ghar. Bradley's small detachment assaulted the hill and, in the midst of a savage and unforgettable firefight, soon learned they were facing nearly a thousand seasoned fighters—from whom they seized an impossible victory. Now Bradley recounts the whole remarkable story as it actually happened. The blistering trek across Afghanistan's infamous Red Desert. The eerie traces of the elusive Taliban. The close relations with the Afghan people and army, a primary mission focus. Sperwan Ghar itself: unremitting waves of fire from machine guns and rocket-propelled grenades; a targeted truck turned into an inferno; the death trap of a cut-off compound. Most important: the men, Americans and Afghans alike—the "shaky" medic with nerves of steel and a surgeon's hands in battle; the tireless sergeant who seems to be everywhere at once; the soft-spoken intelligence officer with laser-sharp insight; the diminutive Afghan commander with a Goliath-sized heart; the cool maverick who risks all to rescue a grievously wounded comrade—each unique, all indelible in their everyday exercise of extraordinary heroism. From the Hardcover edition.

Biomedical Implications of Military Laser Exposure Bruce E. Stuck 2020 "Lasers will continue to play an important and sometimes dangerous role on the modern battlefield. At present, there is no adequate comprehensive protection against accidental or intentional exposure to lasers in combat. Thus, it is critical that the field of laser safety research develop preventative protocols and prophylactic technologies to protect the warfighter and to support military operational objectives. This book details the current state-of-the-art in scientific, biomedical, and technical information concerning the effects of military lasers on the human body. An important purpose of this book is to identify current knowledge gaps in the various areas of this interdisciplinary field, and to offer specific recommendations for laser safety research and development into the future"--

Returning Home from Iraq and Afghanistan Institute of Medicine 2010-03-31 Nearly 1.9 million U.S. troops have been deployed to Afghanistan and Iraq since October 2001. Many service members and veterans face serious challenges in readjusting to normal life after returning home. This initial book presents findings on the most critical challenges, and lays out the blueprint for the second phase of the study to determine how best to meet the needs of returning troops and their families.

US Army Physician Assistant Handbook 2018 "The Army physician assistant (PA) has an important role throughout Army medicine. This handbook will describe the myriad positions and organizations in which PAs play leadership roles in management and patient care. Chapters also cover PA education, certification, continuing training, and career progression. Topics include the Interservice PA Program, assignments at the White House and the Old Guard (3d US Infantry Regiment), and roles in research and recruiting, as well as the PA's role in emergency medicine, aeromedical evacuation, clinical care, surgery, and occupational health."--Amazon.com viewed Oct. 29, 2020.

War Surgery Christos Giannou 2009 Accompanying CD-ROM contains graphic footage of various war wound surgeries.

Social Science Goes to War Montgomery McFate 2015-01-11 The Human Terrain System (HTS) was catapulted into existence in 2006 by the US military's urgent need for knowledge of the human dimension of the battlespace in Iraq and Afghanistan. Its centrepiece was embedded groups of mixed military and civilian personnel, known as Human Terrain Teams (HTTs), whose mission was to conduct social science research and analysis and to advise military commanders about the local population. Bringing social science - and actual social scientists - to the wars in Iraq and Afghanistan was bold and challenging. Despite the controversy over HTS among scholars, there is little good, reliable source material written by those with experience of HTS or about the actual work carried out by teams in theatre. This volume goes beyond the anecdotes, snippets and blogs to provide a comprehensive, objective and detailed view of HTS. The contributors put the program in historical context, discuss the obstacles it faced, analyse its successes, and detail the work of the teams downrange. Most importantly, they capture some of the diverse lived experience of HTS scholars and practitioners drawn from an eclectic array of the social sciences.

Specialty Clinical Publications Daniel E. Banks 2008 "The Borden Institute was established in 1987 at Walter Reed Army Medical Center in Washington, DC, to foster and promote excellence in military academic medicine through the development and publication of military medical scholarship. The Borden Institute is an agency of the US Army Medical Department Center and School and, following the closure of Walter Reed, it has relocated to Ft Sam Houston, Texas, with an office at Ft Detrick, Maryland. In addition to the 'Textbooks of Military Medicine' series and a series on military medical history, the Institute also publishes specialty titles, such as the award-winning 'War Surgery in Afghanistan and Iraq: A Series of Cases, 2003-2007' and 'Pediatric Surgery and Medicine for Hostile Environments.'"--From the publisher.

Rich's Vascular Trauma E-Book Todd E Rasmussen 2015-04-15 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 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. 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 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 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.

Out of the Crucible Arthur Kellermann 2017 Out of the Crucible: How the U.S. Military Transformed Combat Casualty Care in Iraq and Afghanistan edited by Arthur L. Kellermann, MD and MPH, and Eric Elster, MD is now available by the US Army, Borden Institute. This comprehensive resource, part of the renowned Textbooks of Military Medicine series, documents one of the most extraordinary achievements in the history of American medicine - the dramatic advances in combat casualty care developed during Operations Enduring Freedom and Operation Iraqi Freedom. Each chapter is written by one or more military health professionals who played an important role in bringing the advancement to America's military health system. Written in plain English and amply illustrated with informative figures and photographs, Out of the Crucible engages and informs the American public and policy makers about how America's military health system, devised, tested and widely adopted numerous inventions, innovations, technologies that collectively produced the highest survival rate from battlefield trauma in the history of warfare.

The Emergency Medicine Trauma Handbook Alex Koyfman 2019-10-31 A focused overview of traumatic injuries for emergency medicine clinicians, for use both on shift and as a reference.

No Place to Hide W. Lee Warren 2014-05-06 A War Zone of the Soul Dr. W. Lee Warren's life as a neurosurgeon in a trauma center began to unravel long before he shipped off to serve the Air Force in Iraq in 2004. When he traded a comfortable if demanding practice in San Antonio, Texas, for a ride on a C-130 into the combat zone, he was already reeling from months of personal struggle. At the 332nd Air Force Theater Hospital at Joint Base Balad, Iraq, Warren realized his experience with trauma was just beginning. In his 120 days in a tent hospital, he was trained in a different specialty—surviving over a hundred mortar attacks and trying desperately to repair the damages of a war that raged around every detail of every day. No place was safe, and the constant barrage wore down every possible defense, physical or psychological. One day, clad only in a T-shirt, gym shorts, and running shoes, Warren was caught in the open while round after round of mortars shook the earth and shattered the air with their explosions, stripping him of everything he had been trying so desperately to hold on to. Warren's story is an example of how a person can go from a place of total loss to one of strength, courage, and victory. Whether you are in the midst of your own crisis of faith, failed relationship, financial struggle, or illness, you will be inspired to remember that how you respond determines whether you survive—spiritually, emotionally, and sometimes physically. It is the beginning of a long journey home.

Rule of Law in War Travers McLeod 2015 Rule of Law in War places international law at the centre of the transformation of United States counterinsurgency (COIN) that occurred during the Iraq and Afghanistan wars. It claims international law matters more than is often assumed and more than we have previously been able to claim, contradicting existing theoretical assumptions. In particular, the book contends international law matters in a case that may be regarded as particularly tough for international law, that is, the development of a key military doctrine, the execution of that doctrine on the battlefield, and the ultimate conduct of armed conflict. To do so, the book traces international law's influence in the construction of modern U.S. COIN doctrine, specifically, Field Manual 3-24, Counterinsurgency, released by the U.S. Army and Marine Corps in December 2006. It then assesses how international law's doctrinal interaction held up in Iraq and Afghanistan. The account of this doctrinal change is based on extensive access to the primary actors and materials, including FM 3-24's drafting history, field documents, and interviews with military officers of various ranks who have served multiple deployments in Iraq and Afghanistan.

Emergency War Surgery Borden Institute Wa Army Medical Center 2011-07-01 This 2004 Emergency War Surgery, 3rd United States Revision is written for the combat physician operating away from sophisticated medical support. This edition contains new material that updates the management of war wounds and is filled with over 150 specially drawn illustrations. Equally important is the use of an outline, bulleted format that is more concise than previous editions. The intent is that if given a choice of bringing a SINGLE book on a rapid or prolonged deployment, today's military surgeon would choose this edition over any other trauma book.

The Mirror Test J. Kael Weston 2017 A former State Department official draws on a wide range of voices and stories to explore the human costs of conflict, asking hard questions about the U.S. wars in Iraq and Afghanistan.

Emergency War Surgery 2014 Office of the Surgeon General 2014-01-16 This is the 2014 update to the 2004 version. Information in this edition reflects lessons learned from American involvement in Iraq and Afghanistan, and represents state-of-the-art principles and practices of forward trauma surgery. This publication is not a first aid manual and is intended for physicians, physician assistants, and advanced practice medics and corpsmen involved in providing emergency medical and trauma care near the battle space. This publication expertly addresses the appropriate medical management of blast wounds, burns, multiple penetrating injuries, as well as other battle and non-battle injuries. Specific chapters cover the following topics: Weapons Effects and War Wounds-Treat the wound, not the weapon, explosive injuries, and ballistics injuries including 5.56mm and 7.62mm. Mass Casualty and Triage-Triage categories and decision making and emergency treatment area setup. Airway/Breathing-Initial airway management, ventilation, intubation, difficult airways, and surgical cricothyrotomy. Hemorrhage Control-Bleeding control, tourniquets, pressure points, dressings, bandages, hemostatic agents, and controlled hypotension. Shock, Resuscitation, and Vascular Access-Treatment of hypovolemic shock, vascular access, subclavian vein access, internal jugular venipuncture, saphenous vein cut downs, and intraosseous infusion. Anesthesia-Indications, rapid sequence intubation, indications and dosing recommendations for narcotics and muscle relaxants. Soft Tissue and Open Joint Injuries-Pre-surgical care, surgical wound management, and wound care. Infections-Diagnosis of a wound infection, common microorganisms causing battlefield infections, recommendations to prevent infections associated with combat related injuries, antimicrobial agent selection including preferred agents and alternate agents with appropriate administration and dosing guidelines. Critical Care-Shock resuscitation, fluid and electrolyte management, treatment of acute coronary syndrome, congestive heart failure, unstable angina, and other acute medical conditions. Damage Control Surgery-Pre-hospital and emergency resuscitation and critical care. Face and Neck Injuries-Immediate management of face and neck injuries and facial bone fractures. Ocular Injuries-Immediate treatment, treatment of chemical injuries, corneal abrasions, and foreign bodies. Thoracic Injuries-Tension pneumothorax, hemothorax, open pneumothorax (sucking chest wound), flail chest, chest tube placement, and emergency thoracotomy. Gynecologic Trauma and Emergencies-Emergency delivery and emergency Cesarean section and neonatal resuscitation. Extremity Fractures-Wound management Burns-Point of injury care, primary survey, estimation of fluid resuscitation needs, burn resuscitation, burn and wound care. Environmental Injuries-Trench foot and frostbite, field and medical facility treatment, hypothermia treatment, heat injury and heat stroke, altitude illness and acute mountain sickness, high altitude pulmonary and cerebral edema, Radiological Injuries-Treatment of injuries and illnesses from conventional nuclear weapons and radiological dispersal devices (dirty bombs.) Biological Warfare Agents-Hemorrhagic fever, Hanta, Ebola, Lassa, Rift Valley, botulinum, ricin, anthrax, plague, cholera, and tularemia treatment. Chemical Injuries-Treatment of nerve agents, vesicants, and choking agents. Pediatric Care-Fluid, caloric, and protein requirements for children, normal vital signs, pediatric resuscitation equipment and supplies, commonly used drugs and dosages, surgical management Battlefield Transfusions Emergency Whole Blood Collection Product Manufacturers

Combat Casualty Care Martha K. Lenhart 2012 "This book is designed to deliver combat casualty care information that will facilitate transition from a continental US or civilian practice to the combat care environment. Establishment of the Joint Theater Trauma System and the Joint Theater Trauma Registry, coupled with the efforts of the authors, has resulted in the creation of the most comprehensive, evidence-based depiction of the latest advances in combat casualty care. Lessons learned in Operation Enduring Freedom (OEF) and Operation Iraqi Freedom (OIF) have been fortified with evidence-based recommendations to improve casualty care. The educational curriculum was designed overall to address the leading causes of preventable death and disability in OEF and OIF. Specifically, the generalist combat casualty care provider is presented requisite information for optimal care of US combat casualties in the first 72 to 96 hours after injury. The specialist provider is afforded similar information, supplemented by lessons learned for definitive care of host nation patients."--

A National Trauma Care System National Academies of Sciences, Engineering, and Medicine 2016-10-12 Advances in trauma care have accelerated over the past decade, spurred by the significant burden of injury from the wars in Afghanistan and Iraq. Between 2005 and 2013, the case fatality rate for United States service members injured in Afghanistan decreased by nearly 50 percent, despite an increase in the severity of injury among U.S. troops during the same period of time. But as the war in Afghanistan ends, knowledge and advances in trauma care developed by the Department of Defense (DoD) over the past decade from experiences in Afghanistan and Iraq may be lost. This would have implications for the quality of trauma care both within the DoD and in the civilian setting, where adoption of military advances in trauma care has become increasingly common and necessary to improve the response to multiple civilian casualty events. Intentional steps to codify and harvest the lessons learned within the military's trauma system are needed to ensure a ready military medical force for future combat and to prevent death from survivable injuries in both military and civilian systems. This will require partnership across military and civilian sectors and a sustained commitment from trauma system leaders at all levels to assure that the necessary knowledge and tools are not lost. A National Trauma Care System defines the components of a learning health system necessary to enable continued improvement in trauma care in both the civilian and the military sectors. This report provides recommendations to ensure that lessons learned over the past decade from the military's experiences in Afghanistan and Iraq are sustained and built upon for future combat operations and translated into the U.S. civilian system.

Between Flesh and Steel Richard A. Gabriel 2013 Over the last five centuries, the development of modern weapons and warfare has created an entirely new set of challenges for practitioners in the field of military medicine. Between Flesh and Steel traces the historical development of military medicine from the Middle Ages to modern times. Military historian Richard A. Gabriel focuses on three key elements: the modifications in warfare and weapons whose increased killing power radically changed the medical challenges that battle surgeons faced in dealing with casualties, advancements in medical techniques that increased the effectiveness of military medical care, and changes that finally brought about the establishment of military medical care system in modern times. Others topics include the rise of the military surgeon, the invention of anesthesia, and the emergence of such critical disciplines as military psychiatry and bacteriology. The approach is chronological—century by century and war by war, including Iraq and Afghanistan—and cross-cultural in that it examines developments in all of the major armies of the West: British, French, Russian, German, and American. Between Flesh and Steel is the most comprehensive book on the market about the evolution of modern military medicine.

Operation Homecoming Andrew Carroll 2006-09-12 "Here is what you will not find in the news—the personal cost of war written as clear and beautiful as literature worthy of the name is. These stories are the real thing, passionate, imaginative, searing." —Richard Bausch, author of Wives & Lovers The first book of its kind, Operation Homecoming is the result of a major initiative launched by the National Endowment for the Arts to bring distinguished writers to military bases and inspire U.S. Marines, soldiers, sailors, and airmen and their families to record their wartime experiences. Encouraged by such authors as Tom Clancy, Mark Bowden, Bobbie Ann Mason, Tobias Wolff, Jeff Shaara, and Marilyn Nelson, American military personnel and their loved ones wrote candidly about what they saw, heard, and felt while in Afghanistan and Iraq, as well as on the home front. Taken together, these almost one hundred never-before-published eyewitness accounts, private journals, short stories, letters, and other personal writings become a dramatic narrative that shows the human side of warfare. • the fear and exhilaration of heading into battle; • the interactions between U.S. forces and Afghans and Iraqis, both as enemies and friends; • the boredom, gripes, and humorous incidents of day-to-day life on the front lines; • the anxiety and heartache of worried spouses, parents, and other loved ones on the home front; • the sheer brutality of warfare and the physical and emotional toll it takes on those who fight; • the tearful homecomings for those who returned to the States alive—and the somber ceremonies for those who made the ultimate sacrifice for their nation. From riveting combat accounts to profound reflections on warfare and the pride these troops feel for one another, Operation Homecoming offers an unflinching and intensely revealing look into the lives of extraordinary men and women. What they have written is without question some of the greatest wartime literature ever published. "Andrew Carroll has given America a priceless treasure." —Tom Brokaw, on War Letters Proceeds from this book will be used to provide arts and cultural programming to U.S. military communities. For more information, please go to [www.OperationHomecoming.gov](http://www.OperationHomecoming.gov).

Emergency War Surgery, 5th US Revision Miguel A. Cubano 2018-10-01 Updated from the 2013 edition, this volume reflects lessons learned from recent US involvement in Iraq and Afghanistan, and represents state-of-the-art principles and practices of forward trauma surgery. Expertly addresses the appropriate medical management of blast wounds, burns, and multiple penetrating injuries, as well as other battle and non-battle injuries. Topics include triage, hemorrhage control, airway/breathing, shock and resuscitation, anesthesia, infections, critical care, damage control surgery, face and neck injuries, soft-tissue injuries, ocular injuries, head injuries, extremity fractures, thoracic injuries, amputations, abdominal injuries, pediatric care, and more. A new chapter provides Tactical Combat Casualty Care guidelines. Significant updates were also made to the blood collection and transfusion chapters. Other products produced by the U.S. Army, Borden Institute can be found here: <https://bookstore.gpo.gov/agency/borden-institute>

Do the Geneva Conventions Matter? Matthew Evangelista 2017 The Geneva Conventions are the best-known and longest-established laws governing warfare, but what difference do they make to how states engage in armed conflict? Since the start of the "War on Terror" with 9/11, these protocols have increasingly been incorporated into public discussion. We have entered an era where contemporary wars often involve terrorism and guerrilla tactics, but how have the rules that were designed for more conventional forms of interstate violence adjusted? Do the Geneva Conventions Matter? provides a rich, comparative analysis of the laws that govern warfare and a more specific investigation relating to state practice. Matthew Evangelista and Nina Tannenwald convey the extent and conditions that symbolic or "ritual" compliance translates into actual compliance on the battlefield by looking at important studies across history. To name a few, they navigate through the Algerian War for independence from France in the 1950s and 1960s; the US wars in Korea, Vietnam, Iraq, and Afghanistan; Iranian and Israeli approaches to the laws of war; and the legal obligations of private security firms and peacekeeping forces. Thoroughly researched, this work adds to the law and society literature in sociology, the constructivist literature in international relations, and legal scholarship on "internalization." Do the Geneva Conventions Matter? gives insight into how the Geneva regime has constrained guerrilla warfare and terrorism and the factors that affect protect human rights in wartime.

War Surgery in Afghanistan and Iraq Shawn Christian Nessen 2008

Emergency War Surgery 2004 3rd United States Edition. Although it does not state that it is part of a series, it is listed on the Borden Institute's web-site under "Textbooks of Military Medicine." Represents an entirely new handbook. Revised to reflect lessons learned from ongoing American involvement in Southwest Asia. Is an essential tool for the management of forward combat trauma. Takes a bulleted manual style in order to optimize its use as a rapid reference. Drafted by sub-specialty experts. Updated by surgeons returned from year-long deployments in Iraq and Afghanistan. A collaborative effort with the Army Medical Department Center & School. Includes bibliographical references and index.

Combat Orthopedic Surgery Brett D. Owens 2011 During the course of the Iraq and Afghanistan Wars, military orthopedic surgeons have made significant technical and philosophic changes in the treatment of musculoskeletal combat casualties. The widespread use of individual and vehicular body armor, evolution of enemy tactics to include its reliance on improvised explosive devices, and the effectiveness of treatment rendered at military treatment facilities have resulted in a large burden of complex orthopedic injuries. Combat Orthopedic Surgery: Lessons Learned in Iraq and Afghanistan represents and recognizes the latest advances in musculoskeletal surgical care performed to treat today's US military servicemembers. Editors LTC Brett D. Owens, MD and LTC Philip J. Belmont Jr., MD have brought together the leading military orthopedic surgeons to relay their clinical orthopedic surgery expertise, as well as to discuss how to provide optimal care for combat casualties both initially in theater and definitively at tertiary care facilities within the United States. Combat Orthopedic Surgery: Lessons Learned in Iraq and Afghanistan is divided into five sections, with the first being devoted to an overview of general topics. The second section covers scientific topics and their clinical application to musculoskeletal combat casualties. The final three sections are clinically focused on the upper extremity, lower extremity, and spine and pelvic injuries, with many illustrative case examples referenced throughout. Most Clinical Chapters Contain: • Introduction/historical background • Epidemiology • Management in theater • Definitive management • Surgical techniques • Outcomes • Complications Combat Orthopedic Surgery: Lessons Learned in Iraq and Afghanistan will be the definitive academic record that represents how orthopedic surgeons currently manage and treat musculoskeletal combat casualties.

Trauma Red Peter Rhee 2014-06-03 The incredible life story of the trauma surgeon who helped save Congresswoman Gabby Giffords—from his upbringing in South Korea and Africa to the gripping dramas he faces in a typical day as a medical genius. Congresswoman Gabby Giffords is a household name: most people remember that awful day in Arizona in 2011 when she was a victim of an act of violence that left six dead and thirteen wounded. What many people don't know is that it was Dr. Peter Rhee who played a vital role in her survival. Born in South Korea, Rhee moved with his family to Uganda where he watched his public health surgeon father remove a spear from a man's belly—and began his lifelong interest in medicine. What came next is this compelling portrait of how one becomes a world class trauma surgeon: the specialized training, the mindset to make critical decisions, and the practiced ability to operate on the human body. Dr. Rhee is so eminent that when President Clinton traveled to China, he was selected to accompany the president as his personal physician. In Trauma Red we learn how Rhee's experiences were born from the love and sacrifices of determined parents, and of Rhee's own quest to become as excellent a surgeon as possible. Trauma Red chronicles the patient cases Dr. Rhee has handled over two decades on two distinct battle fronts: In Iraq and Afghanistan, where he served as a frontline US Navy surgeon trying to save young American soldiers, and the urban zones of Los Angeles and Washington, DC, where he has been confronted by an endless stream of bloody victims of civilian violence and accidents. Tough and outspoken, Dr. Rhee isn't afraid to take on the politics of violence in America and a medical community that too often resists innovation. His story provides an inside look into a fascinating medical world, a place where lives are saved every day.

The American War in Afghanistan Carter Malkasian 2021-06-15 A New York Times Notable Book Winner of 2022 Lionel Gelber Prize The first authoritative history of American's longest war by one of the world's leading scholar-practitioners. The American war in Afghanistan, which began in 2001, is now the longest armed conflict in the nation's history. It is currently winding down, and American troops are likely to leave soon but only after a stay of nearly two decades. In The American War in Afghanistan, Carter Malkasian provides the first comprehensive history of the entire conflict. Malkasian is both a leading academic authority on the subject and an experienced practitioner, having spent nearly two years working in the Afghan countryside and going on to serve as the senior advisor to General Joseph Dunford, the US military commander in Afghanistan and later the chairman of the joint chiefs of staff. Drawing from a deep well of local knowledge, understanding of Pashto, and review of primary source documents, Malkasian moves through the war's multiple phases: the 2001 invasion and after; the light American footprint during the 2003 Iraq invasion; the resurgence of the Taliban in 2006, the Obama-era surge, and the various resets in strategy and force allocations that occurred from 2011 onward, culminating in the 2018-2020 peace talks. Malkasian lived through much of it, and draws from his own experiences to provide a unique vantage point on the war. Today, the Taliban is the most powerful faction, and sees victory as probable. The ultimate outcome after America leaves is inherently unpredictable given the multitude of actors there, but one thing is

sure: the war did not go as America had hoped. Although the al-Qa'eda leader Osama bin Laden was killed and no major attack on the American homeland was carried out after 2001, the United States was unable to end the violence or hand off the war to the Afghan authorities, which could not survive without US military backing. The American War in Afghanistan explains why the war had such a disappointing outcome. Wise and all-encompassing, The American War in Afghanistan provides a truly vivid portrait of the conflict in all of its phases that will remain the authoritative account for years to come.

War Surgery in Afghanistan and Iraq Shawn Christian Nessen 2008 Specialty Volume of Textbooks of Military Medicine. TMM. Edited by Shawn Christian Nessen, Dave Edmond Lounsbury, and Stephen P. Hetz. Foreword by Bob Woodruff. Prepared especially for medical personnel. Provides the fundamental principles and priorities critical in managing the trauma of modern warfare. Contains concise supplemental material for military surgeons deploying or preparing to deploy to a combat theater.

Emergency War Surgery (Third Edition) Borden Institute, Walter Reed Army Medical Center Staff 2013-02-04 This is the official, comprehensive and widely used United States Army "Emergency War Surgery" handbook. Addresses the appropriate medical management of both battle and nonbattle injuries. Written by by subspecialty experts, this latest revision (2004) has been much updated and enhanced from experiences gained in Iraq and Afghanistan. A collaborative effort of the Borden Institute and the Walter Reed Army Medical Center, this handbook is an essential tool for the management of forward combat trauma. Chapters include: Weapons Effects and Parachute Injuries; Levels of Medical Care; Triage; Aeromedical Evacuation; Airway/Breathing; Haemorrhage Control; Shock and Resuscitation; Vascular Access; Anesthesia; Infections; Critical Care; Damage Control Surgery; Face and Neck Injuries; Ocular Injuries; Head Injuries; Thoracic Injuries; Abdominal Injuries; Genitourinary Tract Injuries; Gynecologic Trauma and Emergencies; Wounds and Injuries of the Spinal Column and Cord; Pelvic Injuries; Soft-Tissue Injuries; Extremity Fractures; Open-Joint Injuries; Amputations; Injuries to the Hands and Feet; Vascular Injuries; Burns; Environmental Injuries; Radiological Injuries; Biological Warfare; Chemical Injuries; Pediatric Care; Care of Enemy Prisoners of War and Internee. 478 pages. Profusely illustrated throughout.

The Practice of Strategy John Andreas Olsen 2011-10-27 The Practice of Strategy focuses on grand strategy and military strategy as practiced over an extended period of time and under very different circumstances, from the campaigns of Alexander the Great to insurgencies and counter-insurgencies in present-day Afghanistan and Iraq. It presents strategy as it pertained not only to wars, campaigns, and battles, but also to times of peace that were over-shadowed by the threat of war. The book is intended to deepen understanding of the phenomena and logic of strategy by reconstructing the considerations and factors that shaped imperial and nation-state policies. Through historical case studies, the book sheds light on a fundamental question: is there a unity to all strategic experience? Adopting the working definition of strategy as 'the art of winning by purposely matching ends, ways and means,' these chapters deal with the intrinsic nature of war and strategy and the characteristics of a particular strategy in a given conflict. They show that a specific convergence of political objectives, operational schemes of manoeuvre, tactical moves and countermoves, technological innovations and limitations, geographic settings, transient emotions and more made each conflict studied unique. Yet, despite the extraordinary variety of the people, circumstances, and motives discussed in this book, there is a strong case for continuity in the application of strategy from the olden days to the present. Together, these chapters reveal that grand strategy and military strategy have elements of continuity and change, art and science. They further suggest that the element of continuity lies in the essential nature of strategy and war, while the element of change lies in the character of individual strategies and wars.

Trauma Anesthesia Charles E. Smith 2015-04-09 Trauma patients present a unique 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 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.