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Titolo	Expeditionary surgery at sea : a practical approach // Matthew D. Tadlock and Amy A. Hernandez, editors
Pubbl/distr/stampa	Cham, Switzerland : , : Springer Nature Switzerland AG, , [2023] ©2023
ISBN	3-031-21893-0
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (750 pages)
Disciplina	616.98024
Soggetti	Critical care medicine Medicine, Naval Surgical emergencies
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Overview of Current Maritime Surgical Platforms -- A Brief History of Surgery at Sea -- Epidemiology of Naval Mishaps since World War II -- Epidemiology of Disease Non Battle Injury at sea -- I Am Deploying on a Ship, Now What? -- Leadership and Communication 101 -- Triage and Mass Casualty -- Diagnostics (Labs, X-rays and Ultrasound) -- Practical Nursing Principles -- Alone and Unafraid: The Independent Duty Corpsman -- The Operating Room -- Principles of Anesthesiology -- Elective and Emergency Surgery: Operate, Observe or Transfer? -- The Difficult Gallbladder -- Infectious Disease pearls for Surgical Teams -- Acute Wound Care -- Urologic & Gynecologic Emergencies -- Diagnostic Endoscopy -- The Floating ICU: Capabilities and Limitations -- Damage Control Surgery at Sea -- Damage Control Resuscitation and the Walking Blood Bank -- Respiratory Failure and Ventilator Management -- Burn and Inhalation Injury -- Hypothermia and Drowning -- Management of Hand Injuries -- Orthopedic Damage Control -- Neurosurgical Emergencies -- Critical Care Emergencies -- Prolonged Care on Austere Maritime Platforms -- MEDEVAC & CASEVAC platforms -- Patient Preparation, Packaging and Staging -- Transitions of Care: The Most Dangerous Time -- En-Route Care pearls -- Principles of Navy Humanitarian Missions -- Disaster Relief: Lessons Learned -- Practical Bioethical Principles -- The Pediatric Patient --

## Final Thoughts.

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### Sommario/riassunto

Currently, no comprehensive practical surgical textbook or other reference exists for the management of injured and other surgical patients at sea. This text focuses on the increasingly important field of medical and surgical management of patients in the modern expeditionary maritime environment. The editors and contributors to this new handbook are a group of physicians, nurses, and corpsmen with extensive experience in caring for patients in the expeditionary maritime environment, designing and implementing current doctrine and policy, and publishing peer-reviewed articles focused on these topics. This handbook takes the approach of a "how to" manual for the management of combat or disaster victims, beginning at the point of injury and proceeding through each stage of care until they leave the maritime environment. This includes sections on prehospital care, triage, en-route care, and maritime mass casualty management, as well as additional chapters covering unique aspects of maritime platforms, capabilities, and missions. The bulk of the book focuses on the initial patient evaluation and resuscitation as well as the operative and perioperative phases of care including prolonged casualty care. The primary focus throughout the book is on simple, practical, and proven practices that can be easily understood and implemented by physicians and independent providers of any experience level who may find themselves in similar situations. For the clinical chapters, each begins with a clinical vignette relevant to the chapter based on actual patients or maritime scenarios experienced by the authors demonstrating the various challenges that can occur caring for injured and surgical patients at sea while deployed on maritime and amphibious platforms. When appropriate, each clinical chapter will conclude by describing the recommended management and outcome of the patient(s) presented in the vignette that opened the chapter. The style is plain and direct language, avoiding scientific jargon and unnecessary complexity whenever possible. Each chapter begins with 5 to 10 bullet points that summarize the key information or "BLUF" (bottom line up front) from that chapter and conclude with common tips and pitfalls, as well as recommended high-yield resources for the entire maritime surgical team.

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