



# PHTLS

Prehospital Trauma Life Support



**10<sup>th</sup> Edition  
Instructor Update**

October 10, 2022  
Orlando, Florida



CamScanner

# Phlts Manual

**National Association of Emergency  
Medical Technicians (NAEMT)**



## **Phtls Manual:**

*USMC Tactical Combat Casualty Care (TCCC / TC3) Guidelines*, 2013-10-28 Tactical Combat Casualty Care Guidelines 28 October 2013 All changes to the guidelines made since those published in the 2010 Seventh Edition of the PHTLS Manual are shown in bold text The most recent changes are shown in red text These recommendations are intended to be guidelines only and are not a substitute for clinical judgment Basic Management Plan for Care Under Fire 1 Return fire and take cover 2 Direct or expect casualty to remain engaged as a combatant if appropriate 3 Direct casualty to move to cover and apply self aid if able 4 Try to keep the casualty from sustaining additional wounds 5 Casualties should be extricated from burning vehicles or buildings and moved to places of relative safety Do what is necessary to stop the burning process 6 Airway management is generally best deferred until the Tactical Field Care phase 7 Stop life threatening external hemorrhage if tactically feasible Direct casualty to control hemorrhage by self aid if able Use a CoTCCC recommended tourniquet for hemorrhage that is anatomically amenable to tourniquet application Apply the tourniquet proximal to the bleeding site over the uniform tighten and move the casualty to cover

USMC COMBAT LIFESAVER / TACTICAL COMBAT CASUALTY CARE TCCC TRAINER COURSE INSTRUCTOR & STUDENT CURRICULUM, BACKGROUND IN 1996 THE NAVAL SPECIAL WARFARE COMMAND DEVELOPED A NEW SET OF TACTICALLY APPROPRIATE BATTLEFIELD TRAUMA CARE GUIDELINES NAMED TCCC THE TCCC GUIDELINES WERE ADOPTED BY THE U S SPECIAL OPERATIONS COMMAND USSOCOM AND APPROVED BY THE AMERICAN COLLEGE OF SURGEONS ACS AND THE NATIONAL ASSOCIATION OF EMERGENCY MEDICAL TECHNICIANS THE COMMITTEE ON TCCC WAS ESTABLISHED IN 2001 AND WAS DIRECTED TO FURTHER DEVELOP THE TCCC STANDARDS AND GUIDELINES THE COMMITTEE ON TCCC FUNCTIONS AS A WORKING GROUP OF THE TRAUMA AND INJURY SUBCOMMITTEE OF THE DEFENSE HEALTH BOARD DHB WHICH HAS A CHARTER TO PROVIDE MEDICAL RECOMMENDATIONS TO ASD HA AND THE SERVICE SURGEONS GENERAL TCCC CONCEPTS WERE INCORPORATED INTO THE 8404 CORPSMAN TRAINING CURRICULUM IN 2005 THE TCCC CLS TRAINER COURSE WAS DEVELOPED IN 2006 TO PROVIDE CORPSMEN AS TRAINERS TO TEACH AND SUSTAIN TCCC STANDARDS TO CORPSMEN AND CLS SKILLS TO SELECTED MARINES WITHIN THE OPERATING FORCES THE IMPLEMENTATION OF TCCC ACROSS ALL SERVICES HAS BEEN IDENTIFIED AS ONE OF THE CONTRIBUTING FACTORS TO THE HIGHEST COMBAT CASUALTY SURVIVAL RATES IN HISTORY AND IS RECOMMENDED BY ASD HA FOR USE WHEN TRAINING COMBAT MEDICAL PERSONNEL REF B TCCC INFORMATION IS PUBLISHED IN THE PREHOSPITAL TRAUMA LIFE SUPPORT MANUAL PHTLS MILITARY EDITION WHICH IS UPDATED EVERY FOUR YEARS DEPARTMENT OF DEFENSE DOD APPROVED TCCC TRAINING CURRICULA ARE UPDATED ON THE DOD WEBSITE MHS OSD MIL EDUCATION AND TRAINING TCCC ASPX AS THE TCCC GUIDELINES CHANGE GOAL ELIMINATE PREVENTABLE LOSS OF LIFE ON THE BATTLEFIELD IN ACCOMPLISHING THIS GOAL THE MOST RECENT TCCC

GUIDELINES APPROVED BY DOD ARE TO BE UTILIZED AS A MEANS OF PROVIDING STANDARDIZED TRAINING TO THE MARINE CORPS AND IMPROVING FIRST RESPONDER CARE AT THE POINT OF INJURY HISTORY OF TCCC a It is important to realize that civilian trauma care in a non tactical setting is dissimilar to trauma care in a combat environment TCCC and CLS are an attempt to better prepare medical and non medical personnel for the unique factors associated with combat trauma casualties b Historical data shows that 90% of combat wound fatalities die on the battlefield before reaching a military treatment facility This fact illustrates the importance of first responder care at the point of injury c TCCC was originally a US Special Operations research project which was composed of trauma management guidelines focusing on casualty care at the point of injury d TCCC guidelines are currently used throughout the US Military and various allied countries e TCCC guidelines were first introduced in 1996 for use by Special Operations corpsmen medics and pararescue PJs f The TCCC guidelines are currently endorsed by the American College of Surgeons Committee on Trauma and the National Association of Emergency Medical Technicians The guidelines have been incorporated into the Prehospital Trauma Life Support PHTLS text since the 4th edition STUDENT CURRICULUM Tactical Combat Casualty Care CLS Overview Identify Medical Fundamentals Manage Hemorrhage Maintain Casualty Airway Manage Penetrating Chest Injuries Manage Hemorrhagic Shock Manage Burn Casualties Perform Splinting Techniques Administer Battlefield Medications Perform Casualty Movement Perform Combat Lifesaver Triage Perform Combat Lifesaver Care

**Publications Combined:**  
**Tactical Combat Casualty Care (TCCC) / Combat Life Saver (CLS) - Trainer Class**, 2019-03-05 CONTENTS Tactical Combat Casualty Care Guidelines for Medical Personnel 03 June 2016 COMBAT LIFESAVER TACTICAL COMBAT CASUALTY CARE STUDENT HANDOUT 2014 COMBAT LIFESAVER TACTICAL COMBAT CASUALTY CARE STUDENT HANDOUT 2017 COMBAT LIFESAVER TACTICAL COMBAT CASUALTY CARE TRAINER COURSE STUDENT HANDBOOK Combat Lifesaver Tactical Combat Casualty Care Instructor Course 2014 COMBAT LIFESAVER TACTICAL COMBAT CASUALTY CARE TRAINER COURSE STUDENT HANDBOOK Combat Lifesaver Tactical Combat Casualty Care Instructor Course 2017 CASUALTY EVALUATION AND EVACUATION STUDENT HANDOUT PREVENTION AND TREATMENT OF FIELD RELATED INJURIES B151236 STUDENT HANDOUT COMBAT LIFE SAVING STUDENT HANDOUT

**PUBLICATIONS COMBINED:**  
**FIELD MEDICAL SERVICE OFFICER STUDENT HANDBOOK, SERVICE TECHNICIAN HANDBOOK (THREE VERSIONS), OUTLINES, FLEET MEDICAL POCKET REFERENCE, FIELD HYGIENE & SANITATION AND MUCH MORE**, 2019-03-05 Over 3 000 total pages Contents FIELD MEDICAL SERVICE OFFICER STUDENT HANDBOOK FIELD MEDICAL SERVICE TECHNICIAN STUDENT HANDBOOK Version 4 1 Block 1 Student Outlines For Version 4 1 Block 2 Student Outlines For Version 4 1 FIELD MEDICAL SERVICE TECHNICIAN STUDENT HANDBOOK Version 4 0 FIELD MEDICAL SERVICE TECHNICIAN STUDENT HANDBOOK June 2013 FMST STUDY GUIDE 2015 Fleet Medicine Pocket Reference 2016 MCRP 4 11 1D FIELD HYGIENE AND SANITATION PREVENTION AND TREATMENT OF FIELD RELATED

INJURIES STUDENT HANDOUT CASUALTY EVALUATION AND EVACUATION STUDENT HANDOUT COMBAT LIFESAVER TACTICAL COMBAT CASUALTY CARE STUDENT HANDOUT Combat Lifesaver Tactical Combat Casualty Care Instructor Course Student Handbook Command Philosophy My philosophy is basic provide the highest quality service possible to every person you encounter We are an institution of higher learning we need to be the best with everything we do We are preparing the next generation of heroes for the greatest fighting force on the planet the 8404 Hospital Corpsman assigned to the United States Marine Corps They operate at the tip of the spear providing combat medicine to our operational forces they are critical to the success of the Navy ask for help before it s too late in all aspects of your life and career If you see a problem fix it or bring it to the attention of someone who can Don t ignore it Supporting each other is just as important as supporting the mission Continue the relentless pursuit of customer satisfaction feedback is a valuable tool in life and career Basic military courtesy should be a part of everyday life Always strive to do the right thing even when no one is looking or when tempted to take the easy wrong As a leader I believe all members of the team are important Our civilian shipmates are essential to the success of our mission As a military leader I believe as the Sailor creed says I proudly serve my country s Navy combat team with Honor Courage and Commitment I am committed to excellence and the fair treatment of all I cannot over emphasize the importance of leadership from E 1 to O 6 everyone has a part I expect officers to lead from the front by setting the example Be sure that regularly scheduled performance counseling sessions are conducted for military and civilian employees Cover the good which should be sustained as well as the areas which need improvement Although I like to be informed I believe in allowing leaders to lead managers to manage A big part of my job is to provide you the support systems necessary for you to accomplish your mission Tell me what you need and don t worry how it will be resourced Let me worry about that

**PHTLS** National Association of Emergency Medical Technicians (U.S.). Pre-Hospital Trauma Life Support Committee,1999 The PREHOSPITAL TRAUMA LIFE SUPPORT PHTLS course is a unique continuing education program created from the real need in EMS education for additional training in the handling of trauma patients The course and the book PREHOSPITAL TRAUMA LIFE SUPPORT educate EMS personnel to identify stabilize treat and transport trauma patients with the highest level of care Prehospital patients who are stabilized and then quickly transported to an appropriate medical facility have the best chance of survival Identifying the mechanism of injury interpreting signs and symptoms understanding pathophysiology recognizing life threatening injuries and honing assessment skills all help the EMT to identify a trauma patient with multiple injuries and perform appropriate interventions PHTLS treats the trauma patient as a special entity with needs that differ from those of other patients Provides the most current information available through revised and updated chapters which adhere to the new 1998 ATLS guidelines Features comprehensive coverage for both basic and advanced level training Emphasizes the foundation of trauma care specifically understanding the mechanism of injury Includes in depth coverage of anatomy and physiology pathophysiology assessment and management of trauma to key body

systems and regions Covers special patient populations including pediatrics geriatrics and pregnant patients to refresh the EMT regarding the importance of understanding the differences in physiology and presentation in these special populations Contains an entire chapter devoted to trauma care in the military because prehospital care in military situations is indisputably different than most civilian trauma situations Promotes clear practical understanding of the proper procedures for airway and spine skills with separate chapters that outline techniques and procedures with photos alongside text in a step by step format Includes chapter objectives summary and review questions to help the student self assess and pick out key points from the material Includes case scenarios and conclusions to promote critical thinking and allow the student to see real application of the concepts discussed in each chapter Provides a comprehensive glossary and bibliography to direct the reader when further study on a particular topic is desired Incorporates more than 300 full color illustrations many updated and enlarged from previous edition to aid in visual learning comprehensive explanation of difficult concepts and keep reader s interest

*Trauma Manual, Fourth Edition* Ernest E. Moore, Kenneth L. Mattox, David V. Feliciano, 2003 This concise bulleted manual guides surgeons through the appropriate clinical management of a wide array of situations Distilled from the leading text in trauma surgery this pocket guide includes recommendations for anesthesia pre and postoperative preparation and a new section on the most common laparoscopic and endoscopic procedures 67 illustrations

PHTLS, 2004-08 Prehospital Trauma Life Support PHTLS 5th Edition Military Version is a unique continuing education program that directly addresses trauma issues in the prehospital environment Following the publication cycle of ATLS Advanced Trauma Life Support by the Committee on Trauma of the American College of Surgeons the PHTLS program is designed to enhance and increase knowledge and skill in delivering trauma care The PHTLS textbook is the required book for the PHTLS course and is also ideal for use as the trauma component of a paramedic course or as a general reference book on trauma assessment and management Based on Prehospital Trauma Life Support PHTLS 5th Edition this military version combines both basic and advanced trauma concepts and skills in one definitive resource and features an entirely new chapter on evidence based guidelines for military medicine developed by the Committee on Tactical Combat Casualty Care Instructor resources available contact your sales representative for details A companion CD ROM with video presentations of the airway and spinal skills used in PHTLS is now included with every book It also contains information to download onto a PDA such as the Glasgow Coma Scale Revised Trauma Score Rule of 9 s Parkland Formula and Pediatric Vital Signs Content includes both basic and advanced training and has been updated to reflect the current ATLS guidelines complete with extensive references and suggested readings A consistent approach for every body region makes the book easy to follow and includes content on anatomy and physiology pathophysiology and assessment and management Includes chapters on Injury Prevention Golden Principles of Prehospital Trauma Care and Triage Transport and Trauma Systems Golden Principles of Trauma Care chapter includes information on prolonged transportation and additional treatment for a trauma patient when transportation times

are greater than normal Case Scenarios with end of chapter solutions and Review Questions are included for every chapter to promote critical thinking and assess knowledge NAEMT Airway thoracic and spinal skills are presented in a heavily illustrated step by step format as Specific Skills The Airway Management and Ventilation chapter includes information on face to face intubation an alternate method of intubating trauma patients It also defines the difference between pharmacologically assisted intubation and rapid sequence intubation Includes information on tools such as pulse oximetry and capnography A difficult airway algorithm aids students in determining which airway adjuncts are appropriate and when they should be used Includes new photographs geared specifically to the military Describes differences in procedures in a non combat situation and those in a combat situation The Military Medicine chapter written by the military provides special trauma considerations and protocols Military procedures are also found throughout the text where applicable PHTLS: Prehospital Trauma Life Support (Print) with Course Manual (eBook) National Association of Emergency Medical Technicians,2023-04-26 Over three decades ago PHTLS Prehospital Trauma Life Support transformed the assessment and management of trauma patients in the field improving the quality of trauma patient care and saving lives around the world The tenth edition of this trusted comprehensive resource continues the PHTLS mission to promote excellence in trauma patient management by all prehospital care practitioners through global education First developed by the National Association of Emergency Medical Technicians NAEMT in the early 1980s in cooperation with the American College of Surgeons Committee on Trauma ACS COT this proven program includes updated medical content to reflect current evidence based knowledge and practice PHTLS promotes critical thinking as the foundation for providing quality care knowing that EMS practitioners make the best decisions on behalf of their patients when given a solid foundation of knowledge and key principles to fuel their critical thinking skills A Clear Approach to Assessing a Trauma Patient In the field seconds count The tenth edition of PHTLS Prehospital Trauma Life Support teaches and reinforces the principles of rapidly assessing a trauma patient using an orderly approach immediately treating life threatening problems as they are identified and minimizing delays in initiating transport to an appropriate destination PHTLS Tenth Edition features The updated ACS National Guidelines for the Field Triage of Injured Patients An advanced discussion on the challenges of prolonged scene time Consideration of when to shift efforts from search and rescue to recovery in the setting of a drowning victim The United Kingdom Fire and Rescue Guidelines for search and rescue New content on blast injuries Clarification on the role of pelvic binders Presentation of the emerging role of prehospital blood transfusion in hemorrhagic shock in reducing 30 day mortality Current content addressing special considerations including weapons of mass destruction and environmental trauma

PHTLS National Association of Emergency Medical Technicians (U.S.),2023 The PHTLS Course Manual accompanies the PHTLS main text while reinforcing and clarifying key concepts from the course Features an engaging interactive design and is written in a conversational tone to avoid feeling like listening to a lecture PHTLS--Pre-Hospital Trauma Life Support

National Association of Emergency Medical Technicians (U.S.). Pre-Hospital Trauma Life Support Committee,1986

**PHTLS** ,2024 *PHTLS: Prehospital Trauma Life Support for First Responders Course Manual, 10e Spanish Edition*

National Association of Emergency Medical Technicians (NAEMT),2025-10-20 Phtls: Prehospital Trauma Life Support for

First Responders Course Manual, 10e Portuguese Edition National Association of Emergency Medical Technicians

(NAEMT),2026-06-29 *PHTLS* National Association of Emergency Medical Technicians (U.S.),2019-02 In the field seconds

count PHTLS Prehospital Trauma Life Support Course Manual teaches and reinforces the principles of rapidly assessing a

trauma patient using an orderly approach immediately treating life threatening problems as they are identified and

minimizing any delays in initiating transport to an appropriate destination Provided by publisher **Phtls: Prehospital**

**Trauma Life Support (Ebook) with Course Manual (Print)** National Association of Emergency Medical

Technicians,2023-03-29 Over three decades ago PHTLS Prehospital Trauma Life Support transformed the assessment and

management of trauma patients in the field improving the quality of trauma patient care and saving lives around the world

The tenth edition of this trusted comprehensive resource continues the PHTLS mission to promote excellence in trauma

patient management by all prehospital care practitioners through global education First developed by the National

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Current content addressing special considerations including weapons of mass destruction and environmental trauma

Tactical Management of Urban Warfare Casualties in Special Operations Frank K. Butler,John H. Hagmann,1999

Phtls: Prehospital Trauma Life Support (Print) with Course Manual (Print) National Association of Emergency Medical

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**Handbook of Clinical Trauma Care** Dianne M. Danis, Joseph S. Blansfield, Alice A. Gervasini, 2007 Provides emergency nurses and other trauma care providers with a wealth of practical information for managing trauma patients during the critical first hour of care The content has been thoroughly updated and includes current topics in trauma care clinical concepts specific clinical practice issues and skills and insight into special populations and their unique care needs

**PHTLS-FR**, 2021 Prehospital Trauma Life Support PHTLS is the comprehensive internationally renowned resource for learning basic and advanced prehospital trauma skills and concepts This textbook will now serve as a primary reference text for PHTLS courses accompanied by a course manual Fully revised and updated the ninth edition provides trauma treatment and guidelines that are proven to reduce morbidity and mortality Market Information Appropriate for first responders

*Phtls 9 German Course Man with Ebk Txtb* LOZEAU, 2019-10-31

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