

Transition Guide

From Emergency Care and Transportation of the Sick and Injured, Eighth Edition To Outdoor Emergency Care, Fourth Edition

OEC CHAPTER	CHAPTER TYPE	NOTES
SECTION 1: Preparing to Be a Rescuer		
Ch. 1: Introduction to Outdoor Emergency Care	Mostly new chapter; some text picked up from 8e.	Discusses the OEC program and legal/ethical issues.
Ch. 2: The Well-Being of the Rescuer	Mostly new chapter; some text picked up from 8e.	Includes extensive information on protecting oneself from the elements and dressing properly for various environments.
Ch. 3: Interfacing with EMS and Other Medical Personnel	New.	Covers what is required of the outdoor rescuer in order to achieve smooth turnover to EMS.
Ch. 4: Human Anatomy and Physiology	Pickup of 8e Ch. 4: The Human Body	
Ch. 5: Baseline Vital Signs and SAMPLE History	Pickup of 8e Ch. 5: Baseline Vital Signs and SAMPLE History	
SECTION 2: Airway		
Ch. 6: Airway	Pickup of 8e Ch. 7: Airway	
SECTION 3: Patient Assessment		
Ch. 7: Patient Assessment	New; minor amounts of text	Focus is on responsive vs. unresponsive

	picked up from 8e Ch. 8.	patients as this is critical when farther from EMS and transport. Contains Patient Assessment Flowchart modified for emergencies in outdoor environment.
Ch. 8: Bleeding	Pickup of 8e Ch. 22: Bleeding	
Ch. 9: Shock	Pickup of 8e Ch. 23: Shock	

SECTION 4: Medical Emergencies		
Ch. 10: Respiratory Emergencies	Pickup of 8e Ch. 11: Respiratory Emergencies	
Ch. 11: Cardiovascular Emergencies	Pickup of 8e Ch. 12: Cardiovascular Emergencies	
Ch. 12: Neurologic Emergencies	Pickup of 8e Ch. 13: Neurologic Emergencies	
Ch. 13: Common Medical Emergencies	Pickup of 8e Chs. 14-17: Acute Abdomen Diabetic Emergencies Allergic Reactions & Envenomations Substance Abuse/Poisoning	
Ch. 14: Snowsports and Mountain Biking Emergencies	New.	Specific mechanisms and care of outdoor emergencies are covered.
Ch. 15: Environmental Emergencies	Revision of 8e Ch. 18: Environmental Emergencies.	Revised to include more information on the outdoor environment.
Ch. 16: Behavioral Emergencies	Pickup of 8e Ch. 19: Behavioral Emergencies	Info on suicide was removed.
Ch. 17: Gynecological and Obstetric Emergencies	Pickup of 8e Ch. 20: Obstetrical and Gynecological Emergencies	
SECTION 5: Trauma		
Ch. 18: Mechanisms and Patterns of Injury	New.	Material specific to OEC (injuries specific to snow, water, and outdoor sport injuries, etc.).
Ch. 19: Soft-Tissue Injuries	Pickup of 8e Ch. 24: Soft- Tissue Injuries	
Ch. 20: Eye Injuries	Pickup of 8e Ch. 25: Eye Injuries	

Ch. 21: Face and Throat Injuries	Pickup of 8e Ch. 26: Face and Throat Injuries	
Ch. 22: Chest Injuries	Pickup of 8e Ch. 27: Chest Injuries	
Ch. 23: Abdomen and Genitalia Injuries	Pickup of 8e Ch. 28 – Abdomen and Genitalia Injuries	
Ch. 24: Principles of Musculoskeletal Injuries	Revision of 8e Ch. 29 – Musculoskeletal Care	
Ch. 25: Assessment and Care of Bone and Joint Injuries	Revision of 8e Ch. 29 – Musculoskeletal Care	
Ch. 26: Head and Spine Injuries	Revision of 8e Ch. 30: Head and Spine Injuries	Chapter has been expanded for OEC purposes, when rescuer is farther from definitive care.
SECTION 6: Scene Techniques		
Ch. 27: Rescue Techniques: Lifts and Loads	Revision of 8e Ch. 6: Lifting and Moving Patients.	Revised to include specific outdoor rescue equipment and extrication information.
Ch. 28: Triage	New.	
Ch. 29: Mass-Casualty Incident Management	New.	

SECTION 7: Special Populations		
Ch. 30: Pediatric Outdoor Emergency Care	Revision of 8e Ch. 31: Pediatric Assessment Ch. 32: Pediatric Medical Emergencies Ch. 33: Pediatric Trauma	
Ch. 31: Outdoor Adaptive Athletes	New.	Covers adaptive athlete equipment, communicating with adaptive athletes, and specifics of how to care for them in an emergency.
APPENDICES		
Appendix A: Scenarios	New (picked up from OEC 3 rd edition)	31 scenarios organized by topic – these allow students to integrate what they have learned and apply it to real emergencies, where there may be more than one patient and injury. The scenarios are organized into the following topics: <ul style="list-style-type: none"> • Patient Assessment and Life Support Interventions • Bleeding and Shock • Skin and Soft-Tissue Injuries, Burns, and Bandaging • Emergency Care of Bone and Joint Injuries: General Principles • Specific Injuries to the Upper Extremity • Specific Injuries to the Lower Extremity and Pelvis • Injuries to the Head, Eye, Face, and Soft Tissues of the Neck

		<ul style="list-style-type: none"> • Neck and Back Injuries • Chest Injuries • Injuries to the Abdomen, Pelvis, and Genitalia • Common Medical Complaints • Medical Emergencies • Environmental Emergencies • Emergency Care of Infants and Children • Advanced Assessment • Rescue Techniques • Snowsports and Mountain Biking Injuries • Triage • Hazardous Plants and Animals • Water Emergencies
Appendix B: Skill Guides	New.	These are the National Ski Patrol's skill performance guides—checklists to judge students' performance of rescuer skills.
Appendix C: Emergency Care Kits	New (picked up from OEC 3 rd edition).	Discusses what rescuers should carry in their kits for the various environments in which they work.
Appendix D: Principles of Wilderness Emergency Care	New (picked up from OEC 3 rd edition).	Appendix on how to provide emergency care in remote environments with limited supplies and long transport times.

General Features

To make the program as comprehensive as possible, the features of *Outdoor Emergency Care, Third Edition* were created based on the those in the AAOS' *Emergency Care and Transportation of the Sick and Injured, Eighth Edition*. Features of *Outdoor Emergency Care, Fourth Edition* include:

- 4-color text.
- Photographs tailored to the outdoor environment.
- Objectives for each chapter
- Navigation Toolbar (same concept as in EMTB8e – tells readers which features are included in each chapter)
- You are the rescuer (scenario that introduces each chapter) (Same format as EMTB8e – Each chapter opens with a case study that will stimulate classroom discussion, captures students' attention, and provide an overview of the chapter.)
- Skill Drills (Same format as in EMTB8e – written step-by-step explanations and visual summaries of important skills and procedures, modified for the outdoor environment.)
- Vital Vocabulary (Vital terms in the chapter are bolded and underlined. Definitions are included at end of chapter.)
- Chapter Sweep (end-of-chapter activities in same format as EMTB8e PrepKit, content modified for outdoor emergency care):
- Ready for Review (summary of the chapter)
- Vital Vocabulary (definitions of vital terms)
- Assessment in Action (scenario with corresponding multiple-choice questions; answers are provided in Instructor's Manual and Instructor's ToolKit)
- Points to Ponder (scenarios that tackle cultural, social, ethical, and legal issues, with open-ended questions for discussion)
- Online Outlook (online activities to reinforce and expand on topics covered in chapter)

Boxed Features

The boxed features of *Outdoor Emergency Care, Third Edition* were created based on the those in the AAOS' *Emergency Care and Transportation of the Sick and Injured, Eighth Edition*. Boxed features of *Outdoor Emergency Care, Fourth Edition* include:

Pediatric Needs

- Highlight specific concerns and procedures for infants and children.

Altitude Tips

- Provide information on the effects of altitude and how it affects patient care.

Rescuer Safety

- Provide safety tips to reinforce safety concerns for both the rescuer and patient.

Rescuer Tips

- Provide advice from masters of the trade.

Documentation Tips

- Provide advice on how to document patient care and highlight situations where documentation is especially critical.

Wilderness Tips

- Provide advice on how to provide emergency care in remote areas.

Remember boxes

- Contain key points from the chapter to help students retain important information.

Supplements

The supplements of *Outdoor Emergency Care, Third Edition* were created based on the those in the AAOS' *Emergency Care and Transportation of the Sick and Injured, Eighth Edition*. Features of *Outdoor Emergency Care, Fourth Edition* include:

STUDENT SUPPLEMENTS

Student Workbook

- Modified from EMTB8e workbook for content in OEC main textbook
- Contains matching, multiple-choice, fill-in-the-blank, true/false, short answer, labeling activities, vocabulary activities, crossword puzzles, scenarios, and skill drill activities.

Online Refresher Guide

- Study guide for OEC refresher course

www.OECzone.com:

Anatomy Review

Videos: Skills in Action

Animated FlashCards

Interactive Online Glossary

Assessment in Action

Online Chapter Pretests

Web Links

INSTRUCTOR SUPPLEMENTS

Instructor's ToolKit CDROM

- PowerPoint presentations modified from EMTB8e for each chapter
- Lesson guides
- Activities
- Administrative information (abridged from OEC Instructor's Manual)
- Image bank

Instructor's TestBank CDROM

- Modified from EMTB8e TestBank for content in OEC main textbook

Instructor's Manual

- Administrative information and lesson guides for the OEC course