

Emergency Care And Transportation Of The Sick And Injured Tenth Edition Aaos Orange Books 10th Tenth By American Academy Of Orthopaedic Surgeons 2010 Paperback

This Student Workbook contains exercises to reinforce what you will learn in both in the textbook and the classroom. The exercises cover the new National EMS Education Standards and are designed to test your general knowledge, encourage critical thinking, and aid comprehension of assessment and treatment skills. Organized by chapter, the Student Workbook provides a variety of exercises to reinforce material learned, including: General Knowledge, Critical Thinking, and Skills Activities Fill in the Patient Care Report Answer Key provided on perforated pages

{This text} offers complete coverage of every competency statement with clarity and precision in a concise format that ensures student comprehension and encourages critical thinking. - Back cover.

In 1971, the American Academy of Orthopaedic Surgeons (AAOS) published the first edition of Emergency Care and Transportation of the Sick and Injured and created the backbone of EMS education. Now, the Tenth Edition of this gold standard training program raises the bar even higher with its world-class content and instructional resources that meet the diverse needs of today's educators and students. Based on the new National EMS Education Standards, the Tenth Edition offers complete coverage of every competency statement with clarity and precision in a concise format that ensures student comprehension and encourages critical thinking. The experienced author team and AAOS medical editors have transformed the Education Standards into a training program that reflects current trends in prehospital medicine and best practices. New cognitive and didactic material is presented, along with new skills and features, to create a robust and innovative training solution for your course that will engage student's minds. Interactive resources, including online testing and assessment materials, learning management system, and eLearning student resources, allow you the flexibility to build the course that works best for you and your students. The Tenth Edition is the only way to prepare EMT students for the challenges they will face in the field.

Think back to a time when paramedics didn't exist. When "drivers" simply brought injured patients to the hospital. When the EMS industry was in its infancy. A time before Nancy Caroline. Dr. Caroline's work transformed EMS and the entire paramedic field. She created the first national standard curriculum for paramedic training in the United States. She also wrote the first paramedic textbook: Emergency Care in the Streets. The impact that Dr. Caroline had on EMS and health care spanned across the U.S. and abroad. From establishing EMS systems to training paramedics, to providing better nourishment and health care for orphans, her work had a profound impact on humanity. Throughout her life, Dr. Caroline brought a sense of excitement, joy, and humor to her work. The American Academy of Orthopaedic Surgeons is proud to continue Dr. Caroline's legacy. Her sense of excitement and humor live on in this text, which is dedicated to her. The Sixth Edition honors Dr. Caroline's work with a clear, fun, understandable writing style for which she was known.

Welcome back a familiar training companion to your classroom! Say hello to Sidney Sinus, AV Abe, and a cast of memorable characters and amusing anecdotes. Make learning for your students more fun!

About Emergency Care and Transportation of the Sick and Injured, Twelfth Edition: Since 1971, Emergency Care and Transportation of the Sick and Injured has advanced how EMS education is delivered to help train exceptional EMS professionals around the globe. Fifty years later, the Twelfth Edition is now the most advanced EMT teaching and learning system ever developed. Current State-of-the-Art Medical Content Comprehensive coverage of the National EMS Education Standards and the 2020 American Heart Association (AHA) Guidelines for Cardiopulmonary Resuscitation and Emergency Cardiovascular Care (ECC). Evidence-based medical concepts are incorporated to ensure that students and instructors have accurate, insightful interpretation of medical science as it applies to prehospital medicine today. Updated coverage of PPE and CDC guidelines for safe patient care during COVID-19 pandemic. A Focus on Career Readiness and Employability Greater emphasis on soft skill development, including empathy, teamwork, interpersonal skills, and problem solving, and how critical these skills are for better patient outcomes. Enhanced content on provider mental health, wellness, and safety. Evolving patient case studies that deliver clinical education and help prepare students to care for patients in the field. The cases offer increased focus on EMS provider leadership and critical thinking skills throughout the text. A new "Street Smarts" feature that helps bridge the gap between the classroom and field environment by addressing nontechnical skills that improve patient and co-worker interactions. A Foundation for Success The textbook design and layout have been revised to improve visualization of key content and overall readability.

Comprehensive anatomy, physiology, pathophysiology, and medical terminology content is delivered in early chapters, and subsequently reinforced in related chapters throughout the textbook. Valuable student resources, including audiobook, interactive lectures, test prep, soft-skill simulations, and videos cater to a variety of learning styles and needs. Educators are supported by a broad range of instructional and assessment resources to fully enable traditional, hybrid, and flipped course delivery.

Based on the new National EMS Education Standards for Advanced Emergency Medical Technician, the Second Edition offers complete coverage of every competency statement with clarity and precision in a concise format that ensures student comprehension and encourages critical thinking. New cognitive and didactic material is presented, along with new skills and features, to create an innovative AEMT training solution. Topics including advanced pathophysiology, acid-base balance, fluids and electrolytes, intravenous therapy, intraosseous access, blood glucose monitoring, and administration of AEMT-level medications tailor this textbook to the new Advanced EMT level. Important Notice: The digital edition of this book is missing some of the images or content found in the physical edition.

Today our emergency care system faces an epidemic of crowded emergency departments, patients boarding in hallways

waiting to be admitted, and daily ambulance diversions. Hospital-Based Emergency Care addresses the difficulty of balancing the roles of hospital-based emergency and trauma care, not simply urgent and lifesaving care, but also safety net care for uninsured patients, public health surveillance, disaster preparation, and adjunct care in the face of increasing patient volume and limited resources. This new book considers the multiple aspects to the emergency care system in the United States by exploring its strengths, limitations, and future challenges. The wide range of issues covered includes:

- The role and impact of the emergency department within the larger hospital and health care system.
- Patient flow and information technology.
- Workforce issues across multiple disciplines.
- Patient safety and the quality and efficiency of emergency care services.
- Basic, clinical, and health services research relevant to emergency care.
- Special challenges of emergency care in rural settings.

Hospital-Based Emergency Care is one of three books in the Future of Emergency Care series. This book will be of particular interest to emergency care providers, professional organizations, and policy makers looking to address the deficiencies in emergency care systems.

The foundation for EMS education was established in 1971 when the American Academy of Orthopaedic Surgeons (AAOS) authored the first emergency medical technician textbook. Since then, the AAOS has set the gold standard for EMS training programs with the Orange Book Series. This Second Edition, based on Intermediate Emergency Care and Transportation of the Sick and Injured, raises the bar even higher with world-class medical content and innovative instructional resources that meet the diverse needs of today's educators and students. Based on the new National EMS Education Standards for Advanced Emergency Medical Technician, the Second Edition offers complete coverage of every competency statement with clarity and precision in a concise format that ensures student comprehension and encourages critical thinking. New cognitive and didactic material is presented, along with new skills and features, to create an innovative AEMT training solution. Topics including advanced pathophysiology, acid-base balance, fluids and electrolytes, intravenous therapy, intraosseous access, blood glucose monitoring, and administration of AEMT-level medications tailor this textbook to the new Advanced EMT level. Additional online skills allow this textbook to be customized for every AEMT training program's unique needs. Current, State-of-the-Art Medical Content

Advanced Emergency Care and Transportation of the Sick and Injured, Second Edition incorporates up-to-date, evidence-based medical concepts to ensure that students are taught assessment and treatment modalities that will help patients in the field today. Advanced Pathophysiology

Advanced Emergency Care and Transportation of the Sick and Injured, Second Edition provides a solid foundation in pathophysiology--one of the key knowledge areas required to become a successful Advanced EMT. Patient Assessment

This Second Edition teaches and reinforces the concept of Patient Assessment with a single, comprehensive chapter, ensuring that students understand patient assessment as a single, integrated process--the way that providers actually practice it in the field. Each medical and trauma chapter reinforces the patient assessment process by highlighting the unique aspects of the illness or injury. Clear Application to Real-World EMS

Through evolving patient case studies in each chapter, the Second Edition offers students a genuine context for the application of the knowledge presented in the chapter. This approach makes it clear how all of the information will be used to help patients in the field.

About Emergency Care and Transportation of the Sick and Injured, Twelfth Edition: Since 1971, Emergency Care and Transportation of the Sick and Injured has advanced how EMS education is delivered to help train exceptional EMS professionals around the globe. Fifty years later, the Twelfth Edition is now the most advanced EMT teaching and learning system ever developed. Current State-of-the-Art Medical Comprehensive coverage of the National EMS Education Standards and the 2020 American Heart Association (AHA) Guidelines for Cardiopulmonary Resuscitation and Emergency Cardiovascular Care (ECC). Evidence-based medical concepts are incorporated to ensure that students and instructors have accurate, insightful interpretation of medical science as it applies to prehospital medicine today. Updated coverage of PPE and CDC guidelines for safe patient care during COVID-19 pandemic. A Focus on Career Readiness and Employability Greater emphasis on soft skill development, including empathy, teamwork, interpersonal skills, and problem solving, and how critical these skills are for better patient outcomes. Enhanced content on provider mental health, wellness, and safety. Evolving patient case studies that deliver clinical education and help prepare students to care for patients in the field. The cases offer increased focus on EMS provider leadership and critical thinking skills throughout the text. A new "Street Smarts" feature that helps bridge the gap between the classroom and field environment by addressing nontechnical skills that improve patient and co-worker interactions. A Foundation for Success

The textbook design and layout have been revised to improve visualization of key content and overall readability. Comprehensive anatomy, physiology, pathophysiology, and medical terminology content is delivered in early chapters, and subsequently reinforced in related chapters throughout the textbook. Valuable student resources, including audiobook, interactive lectures, test prep, soft-skill simulations, and videos cater to a variety of learning styles and needs. Educators are supported by a broad range of instructional and assessment resources to fully enable traditional, hybrid, and flipped course delivery.

The Emergency Care And Transportation Of The Sick And Injured Premier Package Is A Complete Online Solution For Instructors, Offering Anytime, Anywhere EMT Training. Based On Emergency Care And Transportation Of The Sick And Injured, Tenth Edition, It Includes: Emergency Care And Transportation Of The Sick And Injured, Tenth Edition (Print) – The Leading EMT Textbook ? Ebook/Eworkbook – Putting The Content Of The Tenth Edition At Students Fingertips ? Course Management Tools (Course Manager) – A Complete Online Classroom ? Practice Activities, Including Audio Book – Additional Interactivities To Reinforce Concepts And Engage Students ? Assessment (Testprep) – A Dynamic Resource To Simulate Certification Exams ? Interactive Course Lectures – A Safe Environment For Students To Learn At Their Own Pace ? Experiential Learning– Take The Virtual Learning Experience To A New Level With Virtual Ride-Along

The Emergency Care And Transportation Of The Sick And Injured Premier Package Allows Instructors To Give

Students The Tools They Need To Build A Solid, Knowledgeable Foundation With Market-Leading Medical Content. Cutting-Edge Digital Resources Expand Upon And Reinforce This Foundation, Creating World-Class Emts. Note: In Order To Access Digital Resources, A Student Must Be Enrolled In A Course Where The Instructor Is Using The Navigate Platform.

Navigate 2 Premier Access unlocks a complete eBook, Study Center, homework and Assessment Center, a dashboard that reports actionable data, Fisdap Scheduler and Skills Tracker, Navigate 2 TestPrep, and Interactive Lectures. Experience Navigate 2 today at www.jblnavigate.com/2. Emergency Care and Transportation of the Sick and Injured, Eleventh Edition with Navigate 2 Premier Access includes a digital access code that unlocks a complete eBook, Study Center, Homework and Assessment Center, Navigate 2 TestPrep, EMT Interactive, Fisdap scheduling and tracking tools, and a dashboard that reports actionable data. In 1971, the American Academy of Orthopaedic Surgeons (AAOS) published the first edition of Emergency Care and Transportation of the Sick and Injured and laid the foundation of EMS training. Today, the Eleventh Edition transforms how EMS education is delivered throughout the world and helps develop world-class EMS providers around the globe. Based on the National EMS Education Standards and the 2015 CPR/ECC Guidelines, the Eleventh Edition offers complete coverage of every competency statement with clarity and precision in a concise format that ensures students' comprehension and encourages critical thinking. New cognitive and didactic material is presented, along with new skills and features, to create a robust and innovative EMT training solution. Today, the AAOS suite of EMS educational resources, from first aid and CPR to critical care transport, is the gold standard in training programs by offering exceptional content and instructional resources that meet the diverse needs of today's educators and students. Current State-of-the-Art Medical Content The Eleventh Edition aligns with current medical standards--from PHTLS to NASEMSO--and incorporates evidence-based medical concepts to ensure students and instructors have accurate, insightful interpretation of medical science as it applies to prehospital medicine today. Application to Real-World EMS Through evolving patient case studies in each chapter, the Eleventh Edition gives students real-world context to apply the knowledge gained in the chapter, clarifying how the information is used to care for patients in the field, and pushing students to engage in critical thinking and discussion. A Foundation for Life The Eleventh Edition is built on the premise that students need a solid foundation in the basics and then appropriate reinforcement. The Eleventh Edition provides students with a comprehensive understanding of anatomy, physiology, pathophysiology, and medical terminology. Concepts are briefly reviewed within related subsequent chapters, solidifying the foundational knowledge and offering a context when studying specific emergencies. Patient Assessment, a critical topic, is presented as a single, comprehensive chapter, to ensure students understand patient assessment as a single, integrated process--the way providers actually practice it in the field. Core concepts of Patient Assessment are reinforced in clinical chapters, where the unique aspects of the illness or injury are highlighted.

This bundle includes Emergency Care and Transportation of the Sick and Injured, Enhanced Tenth Edition Includes Navigate 2 Advantage Access + Emergency Care and Transportation of the Sick and Injured Student Workbook REA's EMT Crash Course® is the only book of its kind for the last-minute studier or any prospective Emergency Medical Technician who wants a quick refresher before taking the NREMT Certification Exam. Targeted, Focused Review - Study Only What You Need to Know Written by an EMS Program Director and NREMT paramedic with 30 years of experience, EMT Crash Course® relies on the author's careful analysis of the exam's content and actual test questions. It covers only the information tested on the exam, so you can make the most of your valuable study time. Our fully indexed targeted review covers all the official test categories including airway, ventilation, oxygenation, trauma, cardiology, medical, and EMS operations and is packed with practice questions and answers at the end of each chapter. Also included are tips and insights on résumé building, information on finding additional training opportunities, and more. Expert Test-taking Strategies Our experienced EMT author explains the structure of the NREMT Certification Exam, so you know what to expect on test day. He also shares detailed question-level strategies and shows you the best way to answer questions. By following our expert tips and advice, you can score higher on every section of the exam. Must-know Key Terms Knowing the right medical terminology can make a real difference in your test score. That's why we cover more than 400 EMT terms you need to know before you take your exam. Full-length Online Practice Exam The book comes with a true-to-format online practice test with diagnostic feedback, topic-level scoring, and detailed answer explanations to help students gauge their test-readiness. No matter how or when you prepare for the EMT exam, REA's EMT Crash Course® will show you how to study efficiently and strategically, so you can get a great score!--

This bundle includes Emergency Care and Transportation of the Sick and Injured, Tenth Edition + Navigate TestPrep: EMT

This text bridges the gap between the two curricula while still keeping them separate, making it user friendly for any instructor and students.

The Emergency Care and Transportation of the Sick and Injured Advantage Package, Digital Edition is a basic online learning solution for instructors using Emergency Care and Transportation of the Sick and Injured, Tenth Edition. Offering course management tools, it includes: Emergency Care and Transportation of the Sick and Injured, Tenth Edition eBook/eWorkbook - put the content of the Tenth Edition at students fingertips Course Management Tools (Course Manager) - a complete online classroom Practice Activities, including Audio Book - additional interactivities to reinforce concepts and engage students The Emergency Care and Transportation of the Sick and Injured Advantage Package, Digital Edition allows instructors to give students the tools they need to build a solid, knowledgeable foundation with market-leading medical content. Cutting-edge digital resources expand upon and reinforce this foundation, creating world-class EMTs. Note: In order to access digital resources, a student must be enrolled in a course where the instructor is using the Navigate platform.

Based on the new National EMS Education Standards for Advanced Emergency Medical Technician, the third edition of Advanced Emergency Care and Transportation of the Sick and Injured offers complete coverage of every competency statement with clarity

and precision in a concise format that ensures student comprehension and encourages critical thinking. New cognitive and didactic material is presented, along with new skills and features, to create an innovative AEMT training solution. Topics including advanced pathophysiology, acid-base balance, fluids and electrolytes, intravenous therapy, intraosseous access, blood glucose monitoring, and administration of AEMT-level medications tailor this textbook to the Advanced EMT level. Additional online skills allow this textbook to be customized for every AEMT training program's unique needs. The third edition now includes: New Pathophysiology chapter Increased coverage of pharmacology Stronger emphasis on critical thinking throughout text Evidence-Based Recommendations and Protocols Medicine is constantly changing and prehospital medicine varies across states and regions. The content of the Third Edition reflects the guidance and recommendations of its extremely experienced authors and its team of Medical Editors from the AAOS. Where possible, content is based on evidence, such as data from the field and studies published in the medical literature. Current, State-of-the-Art Medical Content The Third Edition meets and exceeds the National EMS Education Standards for the AEMT level, but the content also reflects the National Model EMS Clinical Guidelines (NASEMSO), the National Registry Skill Sheets, and Prehospital Trauma Life Support, Eighth Edition, from NAEMT and American College of Surgeons' Committee on Trauma. Last but not least, this fully updated edition addresses the 2015 ECC and CPR Guidelines. Strong Application to Real-World EMS Through evolving patient case studies in each chapter, the Third Edition gives students a genuine context for the application of knowledge. This approach makes it clear how all of this new information will be used to help patients in the field. Opportunities to apply knowledge equip students to ultimately become better providers. Progressive case studies are followed by a comprehensive summary that answers the critical thinking questions raised throughout the case. The You are the Provider cases conclude with a Patient Care Report, showing the student exactly how the presented case would be documented.

Navigate 2 Essentials Access unlocks a complete audio book, Assessment Center, and dashboard that reports actionable data. Experience Navigate 2 today at www.jblnavigate.com/2. Based on the new National EMS Education Standards for Advanced Emergency Medical Technician, the third edition of Advanced Emergency Care and Transportation of the Sick and Injured offers complete coverage of every competency statement with clarity and precision in a concise format that ensures student comprehension and encourages critical thinking. New cognitive and didactic material is presented, along with new skills and features, to create an innovative AEMT training solution. Topics including advanced pathophysiology, acid-base balance, fluids and electrolytes, intravenous therapy, intraosseous access, blood glucose monitoring, and administration of AEMT-level medications tailor this textbook to the Advanced EMT level. Additional online skills allow this textbook to be customized for every AEMT training program's unique needs. The third edition now includes: New Pathophysiology chapter Increased coverage of pharmacology Stronger emphasis on critical thinking throughout text Evidence-Based Recommendations and Protocols Medicine is constantly changing and prehospital medicine varies across states and regions. The content of the Third Edition reflects the guidance and recommendations of its extremely experienced authors and its team of Medical Editors from the AAOS. Where possible, content is based on evidence, such as data from the field and studies published in the medical literature. Current, State-of-the-Art Medical Content The Third Edition meets and exceeds the National EMS Education Standards for the AEMT level, but the content also reflects the National Model EMS Clinical Guidelines (NASEMSO), the National Registry Skill Sheets, and Prehospital Trauma Life Support, Eighth Edition, from NAEMT and American College of Surgeons' Committee on Trauma. Last but not least, this fully updated edition addresses the 2015 ECC and CPR Guidelines. Strong Application to Real-World EMS Through evolving patient case studies in each chapter, the Third Edition gives students a genuine context for the application of knowledge. This approach makes it clear how all of this new information will be used to help patients in the field. Opportunities to apply knowledge equip students to ultimately become better providers. Progressive case studies are followed by a comprehensive summary that answers the critical thinking questions raised throughout the case. The You are the Provider cases conclude with a Patient Care Report, showing the student exactly how the presented case would be documented.

Advanced Emergency Care and Transportation of the Sick and Injured, Enhanced Second Edition Includes Navigate 2 Advantage Access + Advanced Emergency Care and Transportation of the Sick and Injured, Second Edition Student Workbook

**Each New Print Copy Of Advanced Emergency Care And Transportation Of The Sick And Injured Also Includes Navigate 2 Advantage Access That Unlocks A Complete Ebook, Study Center, Homework And Assessment Center, And A Dashboard That Reports Actionable Data. The Foundation For EMS Education Was Established In 1971 When The American Academy Of Orthopaedic Surgeons (AAOS) Authored The First Emergency Medical Technician Textbook. Since Then, The AAOS Has Set The Gold Standard For EMS Training Programs With The Orange Book Series. This Second Edition, Based On Intermediate Emergency Care And Transportation Of The Sick And Injured, Raises The Bar Even Higher With World-Class Medical Content And Innovative Instructional Resources That Meet The Diverse Needs Of Today'S Educators And Students. Based On The New National EMS Education Standards For Advanced Emergency Medical Technician, The Second Edition Offers Complete Coverage Of Every Competency Statement With Clarity And Precision In A Concise Format That Ensures Student Comprehension And Encourages Critical Thinking. New Cognitive And Didactic Material Is Presented, Along With New Skills And Features, To Create An Innovative AEMT Training Solution. Topics Including Advanced Pathophysiology, Acid-Base Balance, Fluids And Electrolytes, Intravenous Therapy, Intraosseous Access, Blood Glucose Monitoring, And Administration Of AEMT-Level Medications Tailor This Textbook To The New Advanced EMT Level. Additional Online Skills Allow This Textbook To Be Customized For Every AEMT Training Program'S Unique Needs.

Textbook for EMT training. The DVD walks students through the skills necessary to pass the EMT-Basic practical exam. The two-volume Emergency Medical Services: Clinical Practice and Systems Oversight delivers a thorough foundation upon which to succeed as an EMS medical director and prepare for the NAEMSP National EMS Medical Directors Course and Practicum. Focusing on EMS in the 'real world', the book offers specific management tools that will be useful in the reader's own local EMS system and provides contextual understanding of how EMS functions within the broader emergency care system at a state, local, and national level. The two volumes offer the core knowledge trainees will need to successfully complete their training and begin their career as EMS physicians, regardless of the EMS systems in use in their areas. A companion website rounds out the book's offerings with audio and video clips of EMS best practice in action. Readers will also benefit from the inclusion of: A thorough introduction to the history of EMS An exploration of EMS airway management, including procedures and challenges, as well as how to manage ventilation, oxygenation, and breathing in patients, including cases of respiratory distress Practical discussions of medical problems, including the challenges posed by the undifferentiated patient, altered mental status, cardiac arrest and

dysrhythmias, seizures, stroke, and allergic reactions An examination of EMS systems, structure, and leadership "Based on the National EMS Education Standards and the 2015 CPR/ECC Guidelines, the Eleventh Edition offers complete coverage of every competency statement with clarity and precision in a concise format that ensure students' comprehension and encourages critical thinking. New cognitive and didactic material is presented, along with new skills and features, to create a robust and innovative EMT training solution."--Back cover.

Designed as a companion to Emergency Care and Transportation of the Sick and Injured, Tenth Edition, Case Studies offers detailed cases that align with the chapter content in the Tenth Edition. An ideal supplement to any course that utilizes the Tenth Edition, all EMT students will benefit from these vivid, realistic cases. Each case presents SAMPLE history, vital signs, and assessment information in tabular format for ease of use and features a scenario analysis, answer rationales, and a completed patient care report. Cases covering thirty-one topics are presented, including respiratory emergencies, toxicology, obstetrics and neonatal care, geriatric emergencies, and incident management. Case-based resources encourage active learning, promote critical-thinking skills, and help you make the connection between cognitive information learned in class and real-life situations. Features of Case Studies include: Realistic scenarios and humanizing details that give you a sense of being on scene with real patients Comprehensive rationales for all critical-thinking questions Focus on systematic patient assessment, scene leadership, and documentation Challenges EMTs will face in the field, such as refusal of care, complications from weather, potentially hazardous scenes, and incomplete patient histories Providers who model a high standard of care

Emergency Care and Transportation of the Sick and Injured Jones & Bartlett Publishers

The all-new Fourth Edition of Advanced Emergency Care and Transportation of the Sick and Injured combines comprehensive content with an unparalleled suite of digital resources to fully empower AEMT students and educators.

Emergency Care and Transportation of the Sick and Injured Includes Navigate 2 Advantage Access + Fisdap Assessment Package

Navigate 2 Preferred Access unlocks a complete eBook, Study Center, homework and Assessment Center, a dashboard that reports actionable data, Fisdap Scheduler and Skills Tracker, and Navigate 2 TestPrep. Experience Navigate 2 today at www.jblnavigate.com/2. Based on the new National EMS Education Standards for Advanced Emergency Medical Technician, the third edition of Advanced Emergency Care and Transportation of the Sick and Injured offers complete coverage of every competency statement with clarity and precision in a concise format that ensures student comprehension and encourages critical thinking. New cognitive and didactic material is presented, along with new skills and features, to create an innovative AEMT training solution. Topics including advanced pathophysiology, acid-base balance, fluids and electrolytes, intravenous therapy, intraosseous access, blood glucose monitoring, and administration of AEMT-level medications tailor this textbook to the Advanced EMT level. Additional online skills allow this textbook to be customized for every AEMT training program's unique needs. The third edition now includes: New Pathophysiology chapter Increased coverage of pharmacology Stronger emphasis on critical thinking throughout text Evidence-Based Recommendations and Protocols Medicine is constantly changing and prehospital medicine varies across states and regions. The content of the Third Edition reflects the guidance and recommendations of its extremely experienced authors and its team of Medical Editors from the AAOS. Where possible, content is based on evidence, such as data from the field and studies published in the medical literature. Current, State-of-the-Art Medical Content The Third Edition meets and exceeds the National EMS Education Standards for the AEMT level, but the content also reflects the National Model EMS Clinical Guidelines (NASEMSO), the National Registry Skill Sheets, and Prehospital Trauma Life Support, Eighth Edition, from NAEMT and American College of Surgeons' Committee on Trauma. Last but not least, this fully updated edition addresses the 2015 ECC and CPR Guidelines. Strong Application to Real-World EMS Through evolving patient case studies in each chapter, the Third Edition gives students a genuine context for the application of knowledge. This approach makes it clear how all of this new information will be used to help patients in the field. Opportunities to apply knowledge equip students to ultimately become better providers. Progressive case studies are followed by a comprehensive summary that answers the critical thinking questions raised throughout the case. The You are the Provider cases conclude with a Patient Care Report, showing the student exactly how the presented case would be documented.

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Companion student workbook to "Emergency care and transportation of the sick and injured." 10th ed.

Welcome to the new gold standard in critical care transport training. Published in conjunction with the American Academy of Orthopaedic Surgeons (AAOS) and the American College of Emergency Physicians (ACEP), Critical Care Transport offers cutting edge content relevant to any healthcare provider training in critical care transport. Like no other textbook in this market, Critical Care Transport thoroughly prepares medical professionals to function as competent members of a critical care team by covering the material that everyone—paramedics, nurses, physicians, and specialty crew—needs to know to operate effectively in the prehospital critical care environment. This book meets the curricula of major critical care training programs, including University of Maryland, Baltimore County (UMBC). It covers both ground and flight transport, and meets the objectives of critical care transport certification exams such as the Certified Flight Paramedic (FP-C) exam administered by the Board for Critical Care Transport Paramedic Certification. Content includes information specific to prehospital critical care transport, such as flight physiology, lab analysis, hemodynamic monitoring, and specialized devices such as the intra-aortic balloon pump. Standard topics such as airway management, trauma, and pharmacology are covered in the context of critical care. Chapters have been authored by leading critical care professionals across the country and represent the most current, state-of-the-art information on management of critical care patients.

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