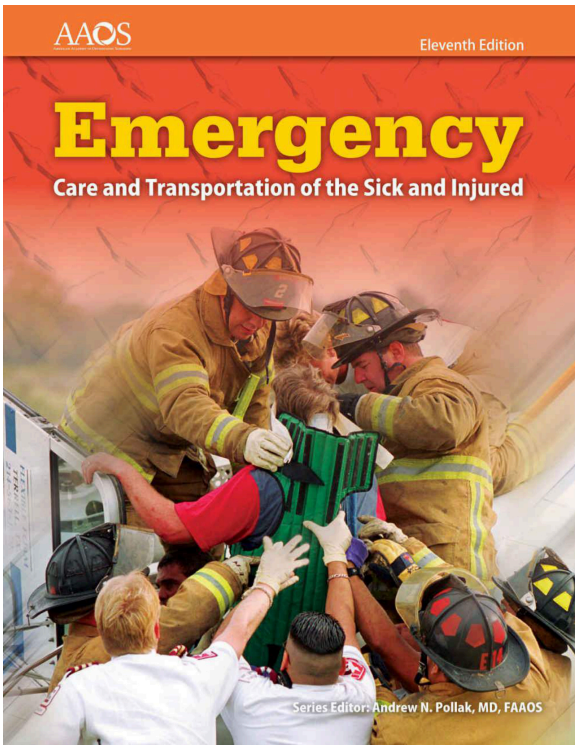


ebookbig.com

or scan the QR code to access the digital study portal.

ER 27 Face and Neck Injuries
ER 28 Head and Spine Injuries
ER 29 Chest Injuries
ER 30 Abdominal and Genitourinary Injuries
ER 31 Orthopaedic Injuries
ER 32 Environmental Emergencies

Section 8: Special Patient Populations

ER 33 Obstetrics and Neonatal Care
ER 34 Pediatric Emergencies
ER 35 Geriatric Emergencies
ER 36 Patients With Special Challenges

Section 9: EMS Operations

ER 37 Transport Operations
ER 38 Vehicle Extrication and Special Rescue
ER 39 Incident Management
ER 40 Terrorism Response and Disaster Management

Section 10: The Team Approach to Health Care

ER 41 A Team Approach to Health Care
ARY

ntents

Section 1: Preparatory

ER 1 EMS Systems
duction
rse Description
T Training: Focus and Requirements
nsure Requirements
rview of the EMS System
istory of EMS
els of Training
ublic Basic Life Support and Immediate Aid
mergency Medical Responders
mergency Medical Technician
dvanced Emergency Medical Technician
aramedic
ponents of the EMS System
ublic Access
ommunication Systems
linical Care
uman Resources
edical Direction
egislation and Regulation
tegration of Health Services
obile Integrated Healthcare
valuation
formation Systems
ystem Finance
ducation Systems
revention and Public Education
MS Research
s and Responsibilities of the EMT
rofessional Attributes
Kit

ER 2 Workforce Safety and Wellness
duction
eral Health and Wellness
ellness and Stress Management
leep
ctious and Communicable Diseases
outes of Transmission
isk Reduction and Prevention for Infectious and Communicable Diseases
stablishing an Infection Control Routine
munity
eneral Postexposure Management
e Safety
cene Hazards

oots
ye Protection
ar Protection
kin Protection
ody Armor
ong/Loose Hair, Rings, Jewelry
ng for Critically Ill and Injured Patients
esponses of the Critical Patient
echniques for Communicating With the Critical Patient
ocate and Notify Family Members
jured and Critically Ill Children
ealing With the Death of a Child
elping the Family
th and Dying
he Grieving Process
hat Can the EMT Do?
ealing With the Patient and Family Members
ss Management on the Job
motional Aspects of Emergency Care
tressful Situations
kplace Issues
ultural Diversity on the Job
voiding Sexual Harassment
ubstance Abuse
uicide Prevention
jury and Illness Prevention
Kit

ER 3 Medical, Legal, and Ethical Issues
duction
sent
xpressed Consent
plied Consent
voluntary Consent
inors and Consent
orcible Restraint
Right to Refuse Treatment
fidentiality
IPAA
ance Directives
sical Signs of Death
resumptive Signs of Death
efinitive Signs of Death
edical Examiner Cases
cial Situations
rgan Donors
edical Identification Insignia
pe of Practice
dards of Care
tandards Imposed by Local Custom

ligence
ndonment
ault and Battery and Kidnapping
amation
d Samaritan Laws and Immunity
ords and Reports
cial Mandatory Reporting Requirements
buse of Children, Older People, and Others
jury During the Commission of a Felony
rug-Related Injuries
hildbirth
ther Reporting Requirements
cene of a Crime
he Deceased
cal Responsibilities
EMT in Court
Kit

ER 4 Communications and Documentation
duction
rapeutic Communication
ge, Culture, and Personal Experience
onverbal Communication
erbal Communication
tten Communications and Documentation
atient Care Report
ypes of Forms
eporting Errors
ocumenting Refusal of Care
pecial Reporting Situations
munications Systems and Equipment
ase Station Radios
obile and Portable Radios
epeater-Based Systems
igital Equipment
ellular/Satellite Telephones
ther Communications Equipment
io Communications
esponding to the Scene
ommunicating With Medical Control and Hospitals
aintenance of Radio Equipment
Kit

ER 5 Medical Terminology
duction
tomy of a Medical Term
ord Roots
refixes
uffixes
ombining Vowels

ositions and Directions
mon Direction, Movement, and Position Terms
irectional Terms
ovement Terms
ther Directional Terms
natomic Positions
king Terms Apart
reviations, Acronyms, and Symbols
bbreviations
ymbols
ter Tables
Kit

ER 6 The Human Body
duction
ographic Anatomy
he Planes of the Body
Skeletal System: Anatomy
he Axial Skeleton
he Spinal Column
he Thorax
he Appendicular Skeleton
he Pelvis
he Lower Extremities
Skeletal System: Physiology
Musculoskeletal System: Anatomy
letal Muscle
Musculoskeletal System: Physiology
Respiratory System: Anatomy
he Upper Airway
he Lower Airway
ungs
Respiratory System: Physiology
espiration
entilation
haracteristics of Normal Breathing
adequate Breathing Patterns in Adults
Circulatory System: Anatomy
he Heart
rteries
apillaries
eins
he Spleen
lood Composition
Circulatory System: Physiology
ormal Circulation in Adults
adequate Circulation in Adults
he Function of Blood
ervous System Control of the Cardiovascular System
Nervous System: Anatomy and Physiology

he Abdomen
outh
ropharynx
sophagus
tomach
ancreas
iver
mall Intestine
arge Intestine
ppendix
ectum
Digestive System: Physiology
Lymphatic System: Anatomy and Physiology
Endocrine System: Anatomy and Physiology
Urinary System: Anatomy and Physiology
Genital System: Anatomy and Physiology
he Male Reproductive System and Organs
he Female Reproductive System and Organs
Support Chain
ophysiology
espiratory Compromise
hock
lteration of Cellular Metabolism
Kit

ER 7 Life Span Development
duction
nates (Birth to 1 Month) and Infants (1 Month to 1 Year)
hysical Changes
sychosocial Changes
dlers (1 to 3 Years) and Preschoolers (3 to 6 Years)
hysical Changes
sychosocial Changes
ool-Age Children (6 to 12 Years)
hysical Changes
sychosocial Changes
lescents (12 to 18 Years)
hysical Changes
sychosocial Changes
y Adults (19 to 40 Years)
hysical Changes
sychosocial Changes
dle Adults (41 to 60 Years)
hysical Changes
sychosocial Changes
er Adults (61 Years and Older)
hysical Changes
sychosocial Changes
Kit

y Mechanics
natomy Review
ciples of Safe Reaching and Pulling
ciples of Safe Lifting and Carrying
atient Weight
ifting and Carrying a Patient on a Backboard or Stretcher
oving a Patient With a Stair Chair
oving a Patient on Stairs With a Stretcher
oading a Wheeled Stretcher Into an Ambulance
ctions and Commands
rgency Moves
ent Moves
apid Extrication Technique
urgent Moves
irect Ground Lift
xtremity Lift
ransfer Moves
iatrics
atrics
itional Patient-Moving Equipment
ariatric Stretchers
neumatic and Electronic Powered Wheeled Stretchers
ortable/Folding Stretchers
lexible Stretchers
hort Backboards
acuum Mattresses
asket Stretchers
coop Stretchers
eonatal Isolettes
econtamination
ent Positioning
ical Restraints
onnel Considerations
Kit

Section 2: Patient Assessment

ER 9 Patient Assessment
duction
e Size-up
nsure Scene Safety
etermine Mechanism of Injury/Nature of Illness
ake Standard Precautions
etermine Number of Patients
onsider Additional/Specialized Resources
rimary Assessment
orm a General Impression
ssess Level of Consciousness
ssess the Airway
ssess Breathing

btain SAMPLE History
ndary Assessment
ystematically Assess the Patient—Secondary Assessment
ystematically Assess the Patient—Focused Assessment
ssess Vital Signs Using the Appropriate Monitoring Device
ssessment
epeat the Primary Assessment
eassess Vital Signs
eassess the Chief Complaint
echeck Interventions
entify and Treat Changes in the Patient's Condition
eassess Patient
Kit

Section 3: Airway

ER 10 Airway Management
duction
tomy of the Respiratory System
natomy of the Upper Airway
natomy of the Lower Airway
siology of Breathing
entilation
xygenation
espiration
ophysiology of Respiration
actors in the Nervous System
entilation/Perfusion Ratio and Mismatch
actors Affecting Pulmonary Ventilation
actors Affecting Respiration
irculatory Compromise
ent Assessment
ecognizing Adequate Breathing
ecognizing Abnormal Breathing
ssessment of Respiration
ning the Airway
ead Tilt–Chin Lift Maneuver
w-Thrust Maneuver
pening the Mouth
tioning
uctioning Equipment
echniques of Suctioning
ic Airway Adjuncts
ropharyngeal Airways
asopharyngeal Airways
ntaining the Airway
plemental Oxygen
upplemental Oxygen Equipment
rocedures for Operating and Administering Oxygen
azards of Supplemental Oxygen

racheostomy Masks
umidification
isted and Artificial Ventilation
ssisting Ventilation in Respiratory Distress/Failure
rtificial Ventilation
tinuous Positive Airway Pressure
echanism
dications
ontraindications
pplication
omplications
cial Considerations
as and Tracheostomy Tubes
ign Body Airway Obstruction
ognition
rgency Medical Care for Foreign Body Airway Obstruction
ental Appliances
acial Bleeding
Kit

Section 4: Pharmacology

ER 11 Principles of Pharmacology
duction
Medications Work
edication Names
outes of Administration
ication Forms
ablets and Capsules
olutions and Suspensions
etered-Dose Inhalers
opical Medications
ranscutaneous Medications
els
ases for Inhalation
eral Steps in Administering Medication
ication Administration and the EMT
ications Used by EMTs
ral Medications
ublingual Medications
tramuscular Medications
tranasal Medications
halation Medications
ent Medications
ication Errors
Kit

Section 5: Shock and Resuscitation