

Read Online
Advanced Trauma
Life Support
Guidelines 2010

Advanced Trauma Life Support Guidelines 2010

Trauma is a leading cause of death and disability around the world, and the

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leading cause of death
in those aged under
forty-five years.

Conditions such as
airway obstruction,
hemorrhage,
pneumothorax,
tamponade, bowel
rupture, vascular
injury, and pelvic
fracture can cause
death if not

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appropriately
diagnosed and
managed. This
essential book
provides emergency
physicians with an
easy-to-use reference
and source for
traumatic injury
evaluation and
management in the
Emergency

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Department. It covers approaches to common, life-threatening, and traumatic diseases in the Emergency Department, for use on shift and as a reference for further learning. Each chapter includes a succinct overview of

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common traumatic injuries, with evaluation and management pearls and pitfalls. Highly illustrated with images from one of the busiest trauma centers in the US, and featuring expert contributions from a diverse set of

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attending physicians,
this is an essential text
for all emergency
medicine
practitioners.

"Prehospital Trauma
Life Support
(PHTLS) is the
comprehensive,
internationally
renowned resource
for learning basic and

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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

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treatment and
guidelines that are
proven to reduce
morbidity and
mortality. Market
Information:

Appropriate for first
responders" --

Advanced Paediatric
Life Support is the
internationally
renowned manual on

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emergency paediatric care, written to support the course run by the Advanced Life Support Group. Using their structured approach, a tried and tested practical method of treating children during the crucial first few hours of a life threatening

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illness or injury,
Advanced Paediatric
Life Support is used
by doctors, nurses
and allied health
professionals dealing
with emergencies in
children. Its clear
layout and
straightforward style
make it a highly
practical tool both for

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training and in the event of an emergency. The sixth edition includes major new features bringing it right up to date, including: The latest International Liaison Committee on Resuscitation (ILCOR) 2015 Guidelines The latest

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consensus guidelines
on paediatric trauma
Enhanced discussions
on the importance of
human factors A new
and improved design
including full colour
photographs and
diagrams Free access
to the Wiley E-Text
With this book at
hand, all those

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providing care during
paediatric

emergencies can be
confident in having
comprehensive and
authoritative
guidance on the
recognition and
management of life
threatening
conditions necessary
to save a child's life.

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This title is also available as a mobile App from MedHand Mobile Libraries. Buy it now from iTunes, Google Play or the MedHand Store.

Whether you are a physician or surgeon with only occasional trauma duties, a resident rotating in

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trauma, or part of a full-time trauma team, this handbook will help keep your procedures and practices in line with the latest evidence-based guidelines. Included is current information for alternative airway management,

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ultrasound in the
trauma setting,
laparoscopic surgery
in trauma, terrorism
preparedness,
damage control, the
trauma systems
quality improvement
process, bedside
procedures in the
surgical intensive care
unit, massive

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transfusion protocol,
diagnosis of blunt
cervical vascular
injury, and much
more. Presents an
evidence- and
experience-based
guide to the
evaluation and initial
management of the
trauma patient.
Provides a

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Guidelines 2010

comprehensive but
concise trauma
reference you can
carry in your pocket.
Consists of
information direct
from the residents on
the frontlines at
Parkland Memorial
Hospital. Provides
“ Fast Facts and
“ Pearls and Pitfalls

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Advanced Trauma
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in each chapter that emphasize key points to help you find information quickly and easily.

Incorporates

“ Evidence boxes highlighting evidence-based guidelines, when available, to help you make more rational judgments

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about the issues at hand. Contains up-to-date coverage of timely issues in trauma and critical care including damage control, ultrasound, bedside procedures in the ICU, and terrorism preparedness. Reflects the

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Life Support
Guidelines 2010

numerous advances
made in trauma care
since the last edition.

Prehospital Trauma
Life Support for First
Responders Course
Manual

Mobile Medicine
Series

ACLS Review Made
Incredibly Easy

Emergency Surgery

Read Online
Advanced Trauma
Life Support
for Low Resource
Regions
Guidelines 2010

The Practical
Approach

For more than 25 years, ITLS has been at the forefront of trauma education at all levels of prehospital care worldwide. This sixth edition

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Advanced Trauma
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*continues the
tradition of
excellence by
refining & updating
the rapid
assessment,
resuscitation,
stabilization, &
transport of the
trauma patient.*

*This book is aimed
at surgeons faced*

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with the immediate management of acute surgical problems in a variety of resource settings. The topics covered are common in both developed and developing countries as well as in tropical and non-tropical settings. The

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book offers an introduction to trauma, which includes primary, secondary and tertiary surveys, trauma resuscitation, and multidisciplinary care followed by a short section on acute burns

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Advanced Trauma
Life Support
Guidelines 2010

*management and a
discussion of a
range of specific
surgical topics
including various of
acute abdomen,
upper and lower
gastrointestinal
bleeding, perianal
conditions,
oncological issues
that require acute*

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Life Support
intervention,
Guidelines 2010

*abdominal wall
problems, urological
emergencies and
neck swellings. It
also addresses the
rational use of
antibiotics and
medications and the
role of high
dependency units.*

Each chapter

Read Online
Advanced Trauma
Life Support
Guidelines 2010

*includes a flow chart
algorithm with
multiple endpoints
that relate to the
resource situations
available to the
surgeon. The book is
of interest to
clinicians dealing
with changes in
acute surgery and
the increasing*

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Advanced Trauma
Life Support
Guidelines 2010

*disparity between
developed and
developing countries
This text is aimed at
defining the current
concepts that define
trauma induced
coagulopathy by
critically analyzing
the most up-to-date
studies from a
clinical and basic*

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Advanced Trauma
Life Support
Guidelines 2010

*science perspective.
It will serve as a
reference source for
any clinician
interested in
reviewing the
pathophysiology,
diagnosis, and
management of the
coagulopathic
trauma patient, and
the data that*

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supports it. By meticulously describing the methodology of most traditional as well as state of the art coagulation assays the reader will have full understanding of the tests that are used to study trauma induced

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Life Support
Guidelines 2010

coagulopathy. The evolving use of blood products as well as recently introduced hemostatic medications are reviewed in detail.

Trauma Induced Coagulopathy will also be a valuable source for quick

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Advanced Trauma
Life Support
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*reference to the
clinician that is
faced with specific
clinical challenges
when managing
coagulopathy.
Trauma patients
present a unique
challenge to
anesthesiologists,
since they require
resource-intensive*

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care, often complicated by pre-existing medical conditions. This fully revised new edition focuses on a broad spectrum of traumatic injuries and the procedures anesthesiologists perform to care for trauma patients

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Advanced Trauma
Life Support
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*perioperatively,
surgically, and post-
operatively. Special
emphasis is given to
assessment and
treatment of co-
existing disease,
including surgical
management of
trauma patients with
head, spine,
orthopaedic,*

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Life Support
Guidelines 2010

cardiac, and burn injuries. Topics such as training for trauma (including use of simulation) and hypothermia in trauma are also covered. Six brand new chapters address pre-hospital and ED trauma management,

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Life Support

*imaging in trauma,
Guidelines 2010
surgical issues in*

head trauma and in

abdominal trauma,

anesthesia for oral

and maxillofacial

trauma, and

prevention of

injuries. The text is

enhanced with

numerous tables and

300 illustrations

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Life Support
Guidelines 2010

*showcasing
techniques of airway
management, shock
resuscitation,
echocardiography
and use of
ultrasound for the
performance of
regional anesthesia
in trauma.*

*Rich's Vascular
Trauma E-Book*

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Life Support
Guidelines 2010

*ATLS, Advanced
Trauma Life Support
Program for Doctors
Trauma Anesthesia
Performing a Digital
Rectal Examination
on Trauma Patients
Does Not Increase
the Likelihood of
Detecting a Spinal
Cord Injury
Basic Science,*

Read Online
Advanced Trauma
Life Support
*Management, and
Guidelines, 2010
Reconstruction*

**Prehospital
Trauma Life
Support
(PHTLS) revised
reprint, is a
unique,
continuing
education
program that
directly**

Read Online
Advanced Trauma
Life Support
Guidelines 2010

**addresses
trauma issues in
the prehospital
environment.
Following the
publication
cycle of ATLS
(Advanced
Trauma Life
Support) by the
Committee on
Trauma of the**

Read Online
Advanced Trauma
Life Support
Guidelines 2010

**American
College of
Surgeons, the
PHTLS program
is designed to
enhance and
increase
knowledge and
skill in
delivering
trauma care.
This revised**

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Advanced Trauma
Life Support
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**fifth edition of
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**

Read Online
Advanced Trauma
Life Support
Guidelines 2010

**general
reference book
on trauma
assessment and
management. It
combines both
basic and
advanced
trauma concepts
and skills in one
definitive
resource and**

Read Online
Advanced Trauma
Life Support
Guidelines 2010

**now features an
entirely new
chapter on
evidence-based
guidelines for
military
medicine,
developed by the
Committee on
Tactical Combat
Casualty Care.
PLEASE NOTE:**

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Advanced Trauma
Life Support
Guidelines 2010

**The Instructor's
Manual and
Slide Set are
available for
certified PHTLS
Instructors
ONLY. They are
ordered through
Mosby but
customers must
first obtain an
"access code"**

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**from the
National PHTLS
office - (800)
94-PHTLS or
(601) 924-7744.
Individuals may
also call the
above numbers
for information
on HOW TO
BECOME A
PHTLS**

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Life Support

**INSTRUCTOR.
PHTLS Course**

Features:

**Provides CEUs
for First**

**Responders,
EMTs,**

**paramedics,
nurses, &**

physicians;

**Proceeds from
the course go to**

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Advanced Trauma
Life Support
Guidelines 2010

the NAEMT and thus are used to support the profession; It improves the quality of care (Research is available); Can be incorporated into initial training or as a stand-alone

Read Online
Advanced Trauma
Life Support
**continuing
education**

course;

**Promotes
critical thinking
as the
foundation for
providing
quality care.**

PHTLS

**(Prehospital
Trauma Life**

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Advanced Trauma
Life Support
Guidelines 2010

**Support) is a
continuing
education
program
authored and
administered by
the PHTLS
division of the
National
Association of
EMTs (NAEMT)
in conjunction**

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Advanced Trauma
Life Support
Guidelines 2010

**with the
Committee on
Trauma of the
American
College of
Surgeons. The
PHTLS textbook
is the required
book for official
PHTLS courses.
However, it can
also be used**

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Life Support
Guidelines 2010

**outside of the
course, adopted
or purchased as
a stand-alone
textbook or
reference book.
This one book
covers both
basic and
advanced level
training. More
information on**

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Advanced Trauma
Life Support
Guidelines 2010

**kinematics than
any similar book
on the market.**

**Airway, Thoracic
and Spinal Skills
are presented in
a heavily
illustrated, step-
by-step format.**

**Consistent
approach! Each
body region**

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Advanced Trauma
Life Support
Guidelines 2010

**chapter features
info on anatomy
and physiology,
pathophysiology
, assessment
and
management
giving the
reader a
systematic way
of looking at
trauma. Chapter**

**pedagogy
includes:
objectives,
opening case
scenario and
scenario
conclusion at
the end of
chapter,
summary,
review
questions.**

Read Online
Advanced Trauma
Life Support
Guidelines 2010

**Features a
separate
chapter on
trauma care for
the Military.
NEW TO THE
REVISED 5TH
EDITION:
UPDATED and
EXPANDED
chapter on
Military**

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Life Support
Guidelines 2010

**Medicine to
reflect the new
evidence based
guidelines for
prehospital care
in the tactical
environment.
This new
content was
developed in
2002 by the
Committee on**

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Advanced Trauma
Life Support
Guidelines 2010

**Tactical Combat
Casualty Care,
comprised of
trauma
specialists,
operational
medical officers,
and combat
medical
personnel. NEW
TO THE 5TH
EDITION: NEW!**

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Life Support
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**A Companion
CD-ROM is now
included with
every book.
Contains video
clips of all
different airway
and spinal skills
used in PHTLS.
Also includes
info to download
onto a PDA**

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**(such as the
Glasgow Coma
Scale, Revised
Trauma Score,
Rule of 9's,
Parkland
Formula and
Pediatric Vital
Signs). NEW!
Chapter on
Injury
Prevention.**

Page 61/245

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Life Support
Guidelines 2010

**Provides the
reader with
information on
preventing
injuries within
their
community.
NEW! Chapter
on Triage,
Transport and
Trauma
Systems.**

Page 62/245

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Advanced Trauma
Life Support
Guidelines 2010

Provides the reader with a "pull it all together" concept of how to triage a trauma patient, how and when to transport a trauma patient and where to transport a

Read Online
Advanced Trauma
Life Support

trauma patient.

NEW! Chapter

on the Golden

Principles of

Prehospital

Trauma Care.

Provides the

reader with

guidelines to

put all the

information

together and

Read Online
Advanced Trauma
Life Support
Guidelines 2010

**critically think
through every
trauma patient.**

NEW!

**Information on
prolonged
transportation.**

NEW!

**References for
every chapter
and suggested
reading lists.**

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Advanced Trauma
Life Support

**Guidelines 2010
Providing
evidence based
prehospital
trauma care.**

**NEW! Drug
table for
commonly used
drugs for pharm
acologically
assisted
intubation.**

Provides general

Read Online
Advanced Trauma
Life Support
Guidelines 2010

**guidelines of
current
accepted drug
use for
intubation.**

**NEW! Spinal
Immobilization
algorithm.**

**Provides general
guidelines for
when spinal
immobilization**

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Advanced Trauma
Life Support
Guidelines 2010

**is appropriate
for a trauma
patient. ALL
NEW PHOTOS!
An entirely new
set of
photographs for
the skills
portion of this
text. NEW! Face
to Face
Intubation is a**

Read Online
Advanced Trauma
Life Support
Guidelines 2010

**procedure that
provides
advanced
providers with
an alternative
method of
intubating a
trauma patient.**

**NEW SPINAL
SKILLS! - 2**

**person
technique for**

Read Online
Advanced Trauma
Life Support
Guidelines 2010

**standing
longboard
application and
2-person rapid
extrication.
Revised - Head
Trauma chapter.
Expanded
coverage of the
pathophysiology
of secondary
brain injury.**

Expanded coverage of the management of traumatic brain injury. Also now includes information on management of brain injury during prolonged transportation.

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Life Support
Guidelines 2010

**Revised: Shock
chapter. Now
provides
information on
the
complications of
shock, expanded
coverage on the
assessment and
confounding
factors that
contribute to**

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Advanced Trauma
Life Support
Guidelines 2010

**shock, specific
guidelines for
appropriate use
of the
Pneumatic
Antishock
Garment
(PASG), and
more.**

**Expanded! The
Patient
Assessment and**

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Advanced Trauma
Life Support
Guidelines 2010

**Management
chapter now
includes
expanded
information on
hemorrhage
control and
evaluating level
of consciousness
at the scene,
pain
management**

Read Online
Advanced Trauma
Life Support
**and assessing of
domestic abuse.**

**Expanded!
Chapter on
trauma in the
elderly.**

**Expanded
coverage on the
systematic
effects of aging,
the common
mechanisms of**

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Life Support
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**injury in the
elderly and
special
considerations
in the
management of
the elderly in an
ABCDE
approach.
COMPANION
CD-ROM:
Includes video**

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Advanced Trauma
Life Support
Guidelines 2010

**presentations of
more than 20
skills being
performed in
"real-time."**

**These skills
include: Airway
Maneuvers,
Dual Lumen
Device
insertion,
Endotracheal**

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Life Support
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**Intubation
(traditional,
face-to-face,
nasal), Helmet
Removal
techniques,
Rapid
Extrication (2
person and
+2person),
Standing
Longboard**

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Advanced Trauma
Life Support
Guidelines 2010

**Application (2
person and +2
person), and
more!**

**This book
provides a
comprehensive
overview of
damage control
resuscitation
(DCR), an
evidence-based**

Read Online
Advanced Trauma
Life Support
Guidelines 2010

**approach to the
resuscitation of
patients with
severe life-
threatening
hemorrhage
(LTH). It
focuses on both
civilian and
military
applications as
DCR is utilized**

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Life Support
Guidelines 2010

**in civilian
trauma
situations as
well as combat
casualty care
settings. The
book covers the
history of fluid
resuscitation for
bleeding,
epidemiology of
severe traumatic**

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Advanced Trauma
Life Support

**injuries,
prediction of life-
threatening
hemorrhage,
pathophysiology
and diagnosis of
blood failure,
and permissive
hypotension.**

**Chapters
provide in-depth
detail on**

Read Online
Advanced Trauma
Life Support
Guidelines 2010

**hemostatic
resuscitation
principles, dried
plasma, dried
platelet
surrogates, and
recent
developments in
frozen red blood
cells and oxygen
carriers. The
book also**

Read Online
Advanced Trauma
Life Support
Guidelines 2010

**discusses how
DCR principles
can be used in a
variety of
situations such
as when there
are large
numbers of
patients with
hemorrhagic
lesions, non-
trauma**

**scenarios, and
on distinct
populations
such as
children.**

**Finally, it
concludes with a
discussion of
training and
education
methods for the
implementation**

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Advanced Trauma
Life Support
Guidelines 2010

**of DCR and
remote DCR
principles as
well as learning
healthcare
system
principles to
facilitate the
implementation
of DCR and
ultimately
improve**

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Advanced Trauma
Life Support
Guidelines 2010

**outcomes for
patients with
life-threatening
hemorrhage.
Damage Control
Resuscitation:
Identification
and Treatment
of Life-
Threatening
Hemorrhage is
an essential**

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Advanced Trauma
Life Support

**resource for
physicians and
related
professionals,
residents,
nurses and
medical
students in
emergency
medicine,
anesthesia,
surgery, and**

Read Online
Advanced Trauma
Life Support

**critical care, as
well as civilian
and military
EMS providers.**

**Written by
surgeons for
surgeons, this
reference
updates the
advancing
knowledge base
in critical care.**

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**Four sections
provide
coverage of: the
administrative
aspects of the
intensive care
unit; oxygen
delivery and its
importance to
the patient; the
general
management**

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Guidelines 2010

**principles,
techniques and
technology; and
the physiology
and
pathophysiology
of the various
organ systems.
Care for
patients who
have suffered
major trauma,**

for example following a road accident or a fall, has not significantly improved in the last 20 years despite numerous reports identifying poor practice, and

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Life Support
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**services are not
being delivered
efficiently or
effectively.
Survival rates
vary
significantly,
with a range
from five
unexpected
survivors to
eight**

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Advanced Trauma
Life Support

**unexpected
deaths per 100
trauma patients,
reflecting the
variable quality
of care. 450 to
600 lives could
be saved each
year in England
if major trauma
care was
managed more**

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Life Support
Guidelines 2010

effectively. For best outcomes care should be led by consultants experienced in major trauma; but major trauma is most likely to occur at night and at weekends, when

consultants are not normally in the emergency department. Major trauma care is not coordinated and there are no formal arrangements for taking patients directly

for specialist treatment or transferring them between hospitals. A significant number of patients that need a scan CT do not receive one. Not enough patients who

need a critical care bed are given one. Access to rehabilitation services varies and patients are not always receiving the care that they need. The estimated

annual lost economic output from deaths and serious injuries from major trauma is between £3.3 billion and £3.7 billion. Only 60 per cent of hospitals delivering major

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**trauma care
contribute to
the Trauma
Audit and
Research
Network
(TARN). The
performance of
the 40 per cent
of hospitals that
do not submit
data to TARN**

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**cannot be
measured.**

**Clinical Review
of Oral and
Maxillofacial
Surgery
Resources for
Optimal Care of
the Injured
Patient
Pediatric
Anesthesia**

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**Principles of
Trauma Care
Surgical Critical
Care**

*CLS Review Made
Incredibly
Easy!® gives
you the
confidence you
need to pass
the ACLS
certification*

Read Online
Advanced Trauma
Life Support

*exam as well as
the knowledge*

and skills

needed to

perform

advanced

cardiac life

support. Packed

with easy-to-

remember

definitions and

step-by-step

directions on

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Advanced Trauma
Life Support
Guidelines 2010

*the latest
treatment
algorithms,
this enjoyable
review text
tackles
required ACLS
course and exam
content. It is
also the
perfect on-the-
spot clinical
reference—for*

Read Online
Advanced Trauma
Life Support

*nurses,
students, and
all healthcare
professionals.
Be expertly
guided through
the latest ACLS
training and
exam
preparation
with: NEW and
updated content
in quick-read,*

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Advanced Trauma
Life Support

*bulleted
format, based
on current
American Heart
Association
guidelines NEW
and updated
cardiovascular
pharmacology
content NEW and
updated
interventions
Explains ACLS*

Read Online
Advanced Trauma
Life Support
Guidelines 2010

*course and exam
components and
requirements
Proven study
strategies, end-
of-chapter
quick quizzes,
and an end-of-
book practice
test
Explanations of
complex concept
s—easy-to-*

Read Online
Advanced Trauma
Life Support
Guidelines 2010

*retain guidance
on how to
recognize and
treat cardiac
arrhythmias,
including:
Classifications
of
interventions,
including basic
life support
skills, adult
cardiac arrest*

Read Online
Advanced Trauma
Life Support

*algorithm, and
defibrillation*

*Step-by-step
how-tos for
current*

*treatment
algorithms*

*Managing
specific rhythm
s-hypovolemia,*

*hypoxia,
acidosis,*

hypothermia,

Read Online
Advanced Trauma
Life Support
Guidelines 2010

*cardiac
tamponade,
tension
pneumothorax,
pulmonary
coronary
thrombosis, and
more Dozens of
colorful
diagrams and
illustrations
outline the
core concepts*

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Advanced Trauma
Life Support
Guidelines 2010

*and skills
needed for ACLS
certification,
including: CPR
– when and how
to use it
Devices and
procedures
skills – safe
ventilation
techniques,
including
endotracheal*

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Advanced Trauma
Life Support
Guidelines 2010

*intubation and
supraglottic
devices, as
well as
defibrillators,
pacemakers, and
more Early
management –
managing the
first 30
minutes of
cardiac
emergencies*

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Advanced Trauma
Life Support
Emergency
Guidelines 2010

*conditions –
which cardiac
rhythms may
require ACLS
treatment IV
and invasive
techniques –
such as
peripheral and
central IV line
insertion
Pharmacology –*

Read Online
Advanced Trauma
Life Support
Guidelines 2010

*knowing the
action,
indication,
dosages, and
precautions for
the major drugs
used during
ACLS Special
features that
include: Just
the facts –
quick summary
of each*

Read Online
Advanced Trauma
Life Support
chapter's
content o

“Nurse Joy” and
“Nurse Jake” –
expert insights
on
interventions
and problem-
solving Quick
quiz – multiple-
choice
questions after
each chapter to

Read Online
Advanced Trauma
Life Support

*help you retain
knowledge o Now*

I get it! –

real-life

patient

scenarios

illustrating

correct ACLS

interventions o

What to look

for – tips on

identifying and

interpreting

Read Online
Advanced Trauma
Life Support
Guidelines 2010

arrhythmias.

About the

Clinical Editor

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MSN, is a

Critical Care

Charge RN at

Southern Hills

Hospital in Las

Vegas, Nevada.

Prepared by

attending

physicians at

Read Online
Advanced Trauma
Life Support
Guidelines 2010

Harvard Medical School, Pocket ICU, follows the style of Pocket Medicine, one of the best-selling references for medical students, interns, and residents. This

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Advanced Trauma
Life Support
Guidelines 2010

*pocket-sized
loose-leaf
resource can be
used on the
wards or in the
operating room.
Information is
presented in a
schematic,
outline format,
with diagrams
and tables for
quick, easy*

Read Online
Advanced Trauma
Life Support
reference.
Guidelines 2010

Content

*coverage is
brief but
broad,
encompassing
all the
subspecialty
areas of
critical care
including adult
and pediatric
critical care,*

Read Online
Advanced Trauma
Life Support
Guidelines 2010

*neuro-critical
care, cardiac
critical care,
transplant,
burn, and
neonatal
critical care.
Tactical Combat
Casualty Care
(TCCC) has
saved hundreds
of lives during
our nation's*

Read Online
Advanced Trauma
Life Support
Guidelines 2010

*conflicts in
Iraq and
Afghanistan.
Nearly 90
percent of
combat
fatalities
occur before a
casualty
reaches a
medical
treatment
facility.*

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Advanced Trauma
Life Support

Therefore, the prehospital phase of care is needed to focus on reducing the number of combat deaths. However, few military physicians have had training in this area and,

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Advanced Trauma
Life Support
Guidelines 2010

*at the onset of
hostilities,
most combat
medics,
corpsmen, and
pararescue
personnel in
the U.S.
military have
been trained to
perform
battlefield
trauma care*

Read Online
Advanced Trauma
Life Support

*through
civilian-based
trauma courses.
These courses
are not
designed for
the prehospital
combat
environment and
do not reflect
current
practices in
the area of*

Read Online
Advanced Trauma
Life Support
Guidelines 2010

*prehospital
care. TCCC was
created to
train Soldiers
and medical
personnel on
current best
practices for
medical
treatment from
the point of
injury to
evacuation to*

Read Online
Advanced Trauma
Life Support
Role 3
Guidelines 2010
facilities

As the required
textbook for
NAEMT's
worldwide
prehospital
trauma life
support course,
Prehospital
Trauma Life
Support (PHTLS)
is the

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Advanced Trauma
Life Support

*comprehensive,
internationally
renowned
resource for
learning basic
and advanced
prehospital
trauma skills
and concepts.
Fully revised
and updated,
the 7th edition
provides state-*

Read Online
Advanced Trauma
Life Support

*of-the-art,
evidence-based
trauma
treatment and
guidelines that
are proven to
reduce
morbidity and
mortality.
Tailored
expressly for
the military
environment,*

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Advanced Trauma
Life Support

*this book
diverges in the
last 12
chapters to
reflect the
special
considerations
of the
military. These
unique chapters
are written by
the Tactical
Combat Casualty*

Read Online
Advanced Trauma
Life Support
Guidelines 2010

*Care Committee
on Trauma, the
leading body
that oversees
trauma care.*

*The
Instructor's
Electronic
Resource CD-ROM
is available
for certified
PHTLS
instructors*

Read Online
Advanced Trauma
Life Support

only. It can be ordered through Elsevier/MosbyJems, but customers must first obtain an access code from the National PHTLS office at 1-800-94-PHTLS or 1-601-924-7744.

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Life Support
Guidelines 2010

Individuals may also call the above numbers for information on How to Become a PHTLS Instructor. Provides CEUs for military prehospital care providers, first responders,

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Life Support
Guidelines 2010

*EMTs,
paramedics,
nurses, and
physicians;
proceeds from
the course go
to the NAEMT
and are used to
support the
profession;
helps you
improve the
quality of care*

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Advanced Trauma
Life Support
Guidelines 2010

(based on available research); can be incorporated into initial training or as a stand-alone continuing education course; promotes critical thinking as the

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Advanced Trauma
Life Support
Guidelines 2010

*foundation for
providing
quality care.
PHTLS is a
continuing
education
program
authored and
administered by
the PHTLS
division of the
National
Association of*

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Advanced Trauma
Life Support
Guidelines 2010

*EMTs (NAEMT) in
conjunction
with the
Committee on
Trauma of the
American
College of
Surgeons.
Comprehensive,
evidenced-based
coverage
incorporates
the latest*

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Advanced Trauma
Life Support

*research across
all aspects of
prehospital
trauma in one
convenient
resource.*

*Heavily
illustrated
presentation
guides you step-
by-step through
essential
airway,*

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Life Support
Guidelines 2010

*thoracic, and
spinal skills.
Each chapter
details
important
prolonged
transportation
guidelines.
Includes more
information on
kinematics than
any similar
book on the*

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Life Support
Guidelines 2010

market. A consistent approach for every body system makes it easy to reference key content on anatomy and physiology, pathophysiology, and assessment and management.

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Advanced Trauma
Life Support

*Chapter
Objectives and
closing*

*Summaries break
down must-know
information for
each chapter.*

*Two
Environmental
Trauma chapters
provide
response
protocols for a*

Read Online
Advanced Trauma
Life Support

*wide variety of
environmental
emergencies.*

*Wilderness
Trauma Care
chapter helps
you confidently
treat trauma
patients in
wilderness
situations and
includes
information on*

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Life Support
Guidelines 2010

*extended
transport
times. Civilian
Tactical EMS
chapter details
steps you can
take to support
police
operations,
promote crime
scene
awareness, and
apply PHTLS*

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Advanced Trauma
Life Support
Guidelines 2010

*concepts to
civilian
tactical
settings. Burns
chapter guides
you through the
treatment of
burn trauma
patients. Three
new Military
Medicine
chapters add to
coverage for*

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Advanced Trauma
Life Support
Guidelines 2010

*the military
environment:
Joint Theater
Trauma System,
Treatment of
Burn Casualties
in TCCC, and
TCCC Casualty
Response
Planning. More
than 30 video
demonstrations
on the*

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Advanced Trauma
Life Support
Guidelines 2010

*companion DVD
provide step-by-
step procedural
guidance for
key skills,
including 20
fully re-shot
demonstrations
and four brand-
new skills for
King Airway,
Sitting
Immobilization*

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Life Support
Guidelines 2010

*(Vest Type),
Cervical Collar
Sizing and
Application,
and Needle
Cricothyrotomy;
subtitles are
available in
eight languages
(Danish, Dutch,
English,
French,
Portuguese,*

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Life Support
Guidelines 2010

*Spanish,
German, and
Chinese
(Mandarin).
Extensively
updated photos
clarify key
concepts and
techniques. New
Art and Science
of Medicine
chapter helps
you build the*

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Life Support

critical thinking skills to determine the best way to manage trauma patients based on each individual situation and condition.

Expanded chapter on Explosives and

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Life Support
Guidelines 2010

*Other Weapons
of Mass
Destruction
outlines
essential steps
for responding
to accidents
involving
biological,
nuclear,
incendiary,
chemical, or
explosive*

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Advanced Trauma
Life Support
agents. Updated
Disaster

Management
chapter details
the latest
management
techniques and
protocols. All-
new Scenarios
and Scenario
Solutions
challenge you
to apply

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Advanced Trauma
Life Support
Guidelines 2010

*treatment
concepts to
realistic
situations you
may encounter
in the field.
Enhanced
organization
reflects the
most up-to-date
research and
mirrors the
content and*

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Advanced Trauma
Life Support
Guidelines 2010

*presentation of
the American
College of
Surgeons'
Advanced Trauma
Life Support
(ATLS) 8th
Edition course.
Trauma Induced
Coagulopathy
Acute
Psychiatric
Emergencies*

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Advanced Trauma
Life Support
Guidelines 2010

*The Emergency
Medicine Trauma
Handbook*

*ATLS, Advanced
Trauma Life
Support for
Doctors*

***Prehospital Trauma
Life Support
(PHTLS), 5th
Edition, Military
Version is a unique,
continuing***

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Advanced Trauma
Life Support
Guidelines 2010

***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***

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Advanced Trauma
Life Support

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

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Advanced Trauma
Life Support
*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*

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Advanced Trauma
Life Support
Guidelines 2010

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

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Advanced Trauma
Life Support
Guidelines 2010

**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**

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Advanced Trauma
Life Support
**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**

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Life Support
Guidelines 2010

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

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Advanced Trauma
Life Support

***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***

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Advanced Trauma
Life Support

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

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Life Support
Guidelines 2010

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

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Guidelines 2010

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

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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

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considerations and protocols. Military procedures are also found throughout the text, where applicable.

With cases reflecting the classic presentation format of each disease process, this book prepares students for patient encounters during

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their oral and maxillofacial surgery rotations. It also helps residents learn and review "high yield" material that is commonly found in oral and maxillofacial training and on board examinations. It highlights clinical information that is commonly asked

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*during rounds, in
the operating room,
and during
examinations. For
each case, it
includes an
overview of the
most common
clinical
presentation,
physical exam
findings, diagnostic
tools,
complications,*

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treatment, and a discussion of any controversial issues that may surround the case. The authors describe Clinical Review of Oral and Maxillofacial Surgery as "A little reach for the dental student, right on target for the OMS resident, and a

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Guidelines 2010

***strong refresher for
OMS board
certification." This
title includes
additional digital
media when
purchased in print
format. For this
digital book edition,
media content is not
included. Case-
based format
prepares students
and residents to***

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Advanced Trauma
Life Support

***pass the OMSSAT,
with the Table of
Contents
corresponding to
the exam's
categories and
questions. 95
clinical cases focus
on essential
information
regarding each
disease process.
Detailed illustrations
-- including***

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Advanced Trauma
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Guidelines 2010

***radiographs and
clinical photographs
or drawings --
provide a visual
guide to conditions,
techniques,
diagnoses, and key
concepts.***

***Contributing
authors include
recent graduates or
senior residents in
oral and
maxillofacial***

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surgery, so they are fully cognizant of students' and residents' needs as they prepare for cases, exams, and surgical procedures. Complements other Elsevier books such as Peterson: Contemporary Oral and Maxillofacial Surgery, Fonseca: Oral and

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***Maxillofacial
Surgery, and Ward
Booth: Maxillofacial
Surgery.***

***Acute Psychiatric
Emergencies is
designed for all
medical and
healthcare
professionals
working with
patients in mental
health crisis. This
manual is a key***

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***component of the
Acute Psychiatric
Emergencies (APEX)
course, which uses
a structured
approach developed
by leading
psychiatry and
emergency medicine
specialists with
years of practical
experience. This
valuable resource
provides a practical***

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approach for dealing with mental health emergencies, helping healthcare professionals from different specialties speak a common language and develop a shared understanding that expedites excellent care. The manual outlines the assessment and

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Advanced Trauma
Life Support

management of patients who have self-harmed, those that are apparently drunk, the patient behaving strangely, the patient with acute confusion, and those that are aggressive.

Presents a structured, practical approach for the emergency care of

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Life Support

***patients presenting
in acute psychiatric
crisis Covers
common***

***presentations of
psychiatric
emergencies***

***Emphasises close
co-operation of
emergency and
mental health teams***

***Offers content
designed jointly by
practicing***

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Advanced Trauma
Life Support
Guidelines 2010

***psychiatrists and
emergency
physicians from the
Advanced Life
Support Group
(ALSG) Acute
Psychiatric
Emergencies will be
useful for
practitioners of
emergency
medicine,
psychiatry,
emergency and***

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Advanced Trauma
Life Support
Guidelines 2010

***mental health
nursing as well as
other mental health
and crisis care
professionals.***

***Obtain the best
outcomes from the
latest techniques
with help from a
"who's who" of
orthopaedic trauma
experts! In print and
online, you'll find
the in-depth***

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knowledge you need to manage any type of traumatic injury in adults. Major updates keep you up to speed on current trends such as the management of osteoporotic and fragility fractures, locked plating technology, post-traumatic reconstruction,

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biology of fracture repair, biomechanics of fractures and fixation, disaster management, occupational hazards of radiation and blood-borne infection, effective use of orthotics, and more. A DVD of operative video clips shows you how to

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*perform 25 key
procedures step by
step. A new, full-
color page layout
makes it easier to
locate the answers
you need quickly.
And now, for the
first time, you can
access the complete
contents online, for
enhanced ease and
speed of reference!
Complete,*

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Advanced Trauma
Life Support
Guidelines 2010

absolutely current coverage of relevant anatomy and biomechanics, mechanisms of injury, diagnostic approaches, treatment options, and associated complications equips you to confidently approach every form of traumatic injury.

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Life Support
Guidelines 2010

***A Practical
Approach to
Emergencies
ITLS***

***Trauma
Management
Damage Control
Resuscitation
Pocket ICU***

**In order to
promote greater
implementation of
effective,**

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Advanced Trauma
Life Support
Guidelines 2010

affordable and sustainable trauma systems globally, the World Health Organization and the International Association for Trauma Surgery and Intensive Care have worked collaboratively to produce these guidelines on

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Life Support
Guidelines 2010

**trauma quality
improvement. The
response to the
growing problem
of injury needs to
include the
improvement of
care of the injured.
Quality
improvement (QI)
programs offer an
affordable and
sustainable means**

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Life Support
Guidelines 2010

**to implement such
improvements.**

**These programs
enable health care
institutions to
better monitor
trauma care
services, better
detect problems in
care, and more
effectively enact
and evaluate
corrective**

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Advanced Trauma
Life Support
Guidelines 2010

**measures targeted
at these problems.**

**The goal of this
publication is to
give guidance on
ways in which
health care
institutions
globally can
implement QI
programs oriented
to strengthening
care of the injured.**

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Life Support

This guidance is intended to be universally applicable to all countries, no matter what their economic level. These guidelines provide basic definitions and an overview of the field of QI, so that those not familiar

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Life Support
Guidelines 2010

with this field will have a working knowledge of it. Evidence of the benefit of QI in general and trauma QI in particular is then laid out. The main part of the publication reviews the most common methods

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**of trauma QI,
written in a how-do-
to fashion. This
covers a wide
range of
techniques. The
first two of these
are especially
emphasized as
ways in which to
strengthen trauma
QI in the setting of
low-income and**

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Life Support
Guidelines 2010
**middle-income
countries.**

PHTLS:

**Prehospital
Trauma Life
Support, Military
Edition consists of
the PHTLS core
content and
features thirteen
chapters written
by military
prehospital trauma**

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Advanced Trauma
Life Support

**care experts for
practitioners in the
military
environment.**

PHTLS:

Prehospital

Trauma Life

Support, Military

Edition is created

in partnership

between the

National

Association of

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Advanced Trauma
Life Support
Emergency
Medical

Technicians
(NAEMT) and the
Committee on
Tactical Combat
Casualty Care (C-
TCCC). Since 1996,
TCCC has
improved the care
rendered in
combat
prehospital

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Life Support
environments.

**TCCC is the
battlefield
prehospital
component of the
Joint Trauma
System, an
organization within
the United States
Department of
Defense that
projects combat
trauma care out to**

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Advanced Trauma
Life Support

**the point of injury
and continues that
care seamlessly
while bringing the
casualty home for
recuperation and
rehabilitation.**

**TCCC guidelines
are continuously
revised and
updated by C-
TCCC, an all-
volunteer group of**

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Guidelines 2010

**military medicine
and trauma care
specialists. The
membership of C-
TCCC includes
combat medics,
corpsmen, and
pararescuemen as
well as physicians
and physician
assistants.**

**This book
provides in-depth**

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coverage of all aspects of pelvic ring fractures and their management. The opening chapters supply essential information on surgical anatomy, biomechanics, classification, clinical evaluation, radiological

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Guidelines 2010

**diagnostics, and
emergency and
acute**

**management. The
various operative
techniques,
including
navigation
techniques, that
have been
established and
standardized over
the past two**

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decades are then presented in a step-by-step approach. Readers will find guidance on surgical indications, choice of approaches, reduction and fixation strategies, complication management, and optimization of

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long-term results. Specific treatment concepts are described for age-specific fractures, including pediatric and geriatric injuries, and secondary reconstructions. Pelvic ring fractures represent challenging

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**injuries, especially
when they present
with concomitant
hemodynamic
instability. This
book will help
trauma and
orthopaedic
surgeons at all
levels of
experience to
achieve the
primary treatment**

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Life Support

**aim of anatomic
restoration of the
bony pelvis to
preserve
biomechanical
stability and avoid
malunion with
resulting clinical
impairments.**

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product does NOT
include a**

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more than 30
years,**

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Support has been
at the forefront of**

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**trauma education
at all levels of
emergency care
worldwide. This
practical, hands-
on training offers a
complete
reference covering
all skills necessary
for rapid
assessment,
resuscitation,
stabilization, and**

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**transportation of
the trauma patient.
Updated with new
photos and the
latest approaches
to the care of the
trauma patient,
this seventh
edition conforms
to the most recent
AHA/ILCOR
guidelines for
artificial ventilation**

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Life Support
and CPR.

Major trauma care
in England

Advanced Trauma
Life Support

Advanced

Paediatric Life
Support

Operative

Techniques:

Orthopaedic

Trauma Surgery E-
Book

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Life Support
PHTLS
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Course manual provides a safe, reliable method for immediate management of an injured patient. Content and skills presented in the course are designed to assist doctors in providing emergency care for trauma patients

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Life Support
Guidelines 2010

information is provided for identification and treatment of life-threatening or potentially life-threatening injuries under extreme pressure of time. Part of the practical, highly illustrated Operative Techniques series, this fully revised book from

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Advanced Trauma
Life Support

Drs. Emil H.

*Schemitsch and
Michael D. McKee*

*brings you up to
speed with must-know
surgical techniques in
today's technically
demanding
orthopaedic trauma
surgery. Step-by-step,
evidence-based
guidance walks you
through both common
and unique cases*

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Guidelines 2010

you're likely to see in your practice, including upper extremity, lower extremity, spine, pelvis, and acetabulum trauma. Practical features such as pearls of wisdom, key points, and potential pitfalls detailed by the authors in order to successfully manage

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patients with complex fracture patterns have all been reinforced in this new edition.

Includes all-new chapters on

Acromioclavicular Joint Injuries,

Sternoclavicular Joint Open Reduction and

Internal Fixation, Intramedullary

Fixation of Clavicle Shaft Fractures, Use

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Guidelines 2010

*of the Reamer
Irrigator Aspirator
(RIA) for Bone Graft
Harvesting, Fractures
of the Posterior Tibial
Plateau, Reverse
Total Shoulder
Arthroplasty for
Proximal Humerus
Fractures, and many
more. Features high-
quality line drawings,
diagnostic and
intraoperative images,*

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and radiographs alongside expert technical guidance on instrumentation, placement, step-by-step instructions and more – all supported by best evidence. A bulleted, highly templated format allows for quick understanding of surgical techniques. Outlines positioning,

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Life Support

exposures, instrumentation, and implants to equip you to be more thoroughly prepared for every procedure. Offers post-operative management guidelines and discussions of expected outcomes to help you avoid mistakes and offer quality, patient-

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focused care.

*Student Course
Manual*

The Golden Hour is a well-established concept in emergency medicine, related to the critical period of one hour after an injury, accident or trauma. This term implies that the mortality rates increase substantially

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*if efficient care is not
provided within 60*

*minutes after the
trauma. This book is
intended as a*

*practical manual in
Trauma Care within
the context of the
golden hour,*

*addressing all trauma
types and all body
parts. Readers will*

*find essential decision-
making algorithms*

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and protocols with commentary for traumas, along with easily accessible information on how to treat patients in a very practical and handy fashion. Furthermore, the content is presented in a didactic way suitable for a wide audience, from medical students who want to learn

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about the basics of trauma care to experienced surgeons seeking a comprehensive guide to trauma-related interventions. The book combines contributions from experts at two renowned Trauma Centers, the Hospital do Trabalhador at Curitiba, Brazil, and

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the Ryder Trauma
Center in Miami, USA.

*Therefore,
considering the
different local
environments and
resources, the book
provides distinct
perspectives for
several injuries,
presenting the state of
the art in Trauma
Care. The diversity of
perspectives in this*

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*book contributes to a
global health care
approach suitable for
trauma-related events
from developed
countries to remote
areas. The Trauma
Golden Hour – A
Practical Guide
celebrates the
Centennial
Anniversary of the
Federal University of
Parana (Brazil), the*

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*25th Anniversary of
the Ryder Trauma
Center (USA) and the
20th Anniversary of
the Hospital do
Trabalhador (Brazil).
Black Surgeons and
Surgery in America
The Trauma Golden
Hour
Tactical Combat
Casualty Care
Handbook
Basic and Advanced*

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*Prehospital Trauma
Life Support
Phtls: Prehospital
Trauma Life Support,
Military Edition*

Published in
association with the
Society for Vascular
Surgery (SVS), the
newly updated
edition of Rich's
Vascular Trauma

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draws on civilian and military authorities from around the world to offer comprehensive and up-to-date coverage of the management of vascular injury.

Anatomic patterns of vascular trauma including extremity, torso and cervical

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injury are reviewed in detail, including the latest techniques to manage non-compressible torso hemorrhage. You'll have access to all of the current innovations across the broad spectrum of vascular trauma, presented in a well-

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organized fashion
that allows you to
quickly hone-in on
the most important
issues in patient care
and management.

Emphasizes the
current management
of civilian vascular
injuries with an
historical reflection
of pioneering

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contributions from
the battlefield.

Combines the largest
existing database of
military vascular
trauma with the
experience of one of
the nation's premier
civilian trauma
centers. Examines
operative techniques
and "damage

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control" for vascular traumas. For the first time, includes a novel International Perspectives section featuring fascinating accounts of vascular trauma from nine leading surgeons from five continents. This section focuses on innovative

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surgical treatments tailored to locally developed pathways of care, training solutions, and regional injury patterns. End-to-end coverage of all phases of acute vascular injury care, including a new assessment of the

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implications of
vascular trauma in
the pre-hospital
setting (i.e. point of
injury and en-route
care). Covers the
emerging hot topics,
including
endovascular
procedures to
manage trauma,
contemporary use of

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vascular shunts, and a modern reappraisal of resuscitative endovascular balloon occlusion of the aorta for shock. An innovative chapter on the systems approach and quality improvement in vascular trauma, offering information

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and tactics for all providers wishing to understand how clinical systems underpin patient outcome and recovery from this challenging injury pattern. A combined civilian and military authorship from internationally

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recognized
authorities draws on
the best available
evidence,
experience, and
lessons-learned from
Afghanistan, Iraq,
and the "urban
battlefield."

Medicine eBook is
accessible on a
variety of devices.

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Background: Current
Guidelines 2010
Advanced Trauma

Life Support (ATLS)
guidelines

recommend a digital
rectal examination
(DRE) as part of the
initial evaluation of
all trauma patients.

The finding of
decreased or absent
anal sphincter tone

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during the DRE is suggestive of spinal cord injury.

Hypothesis: The primary goal of this paper was to evaluate whether or not performing a digital rectal exam on trauma patients increases the likelihood of

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detecting a spinal cord injury, in the hopes that, when appropriate, the digital rectal examination may be deferred during the initial trauma evaluation. Study Design: An exhaustive search of the available medical

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literature was performed, and relevant articles were analyzed to determine their validity and usefulness in answering the clinical question.

Methods: Ovid
MEDLINE,
CINAHL

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(EBSCOhost) and
PubMed were

searched using the
keywords "digital
rectal examination
AND trauma OR
wounds and
injuries."

Bibliographic
references found in
the most relevant
articles were also

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reviewed to identify additional applicable literature. Results: Five articles were found that met all selection criteria, four of which were retrospective chart reviews, and one of which was a prospective trial.

Conclusion: In

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trauma patients,
digital rectal
examination does not
increase the
likelihood of
detecting spinal cord
injury. Advanced
Trauma Life Support
guidelines should be
reviewed in
consideration of this
evidence.

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This international
bestseller covers the
full advanced
paediatric life
support course, with
the core sections for
the abbreviated one-
day course clearly
picked out. The book
provides practical
guidance for
managing children

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and infants in the first life-threatening "golden" hour. This new edition goes beyond immediate management to include stabilisation and transfer.

Advanced Trauma
Life Support Student
Course Manual
Skeletal Trauma

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PHTLS-FR
Pelvic Ring
Fractures