

Prehospital Trauma Life Support Course

Course Content

Introduction <ul style="list-style-type: none">• Trauma Care in the Twenty-First Century• History of EMS	Injury Prevention <ul style="list-style-type: none">• Scope of the Problem• Concepts of Injury• Prevention as the Solution• Concepts of Injury Prevention• Evolving Role of EMS• Summary
Kinematics of Trauma <ul style="list-style-type: none">• Energy• Blunt and Penetrating Trauma• Using Kinematics in Assessment• Summary	Assessment and Management <ul style="list-style-type: none">• Establishing Priorities• Scene Assessment• Primary Survey (Initial Assessment)• Resuscitation• Secondary Survey• Definitive Care in the Field• Monitoring and Reassessment• Communication• Pain Management• Abuse• Triage• Summary
Airway Management and Ventilation <ul style="list-style-type: none">• Anatomy• Physiology• Pathophysiology• Management• Summary• Specific Skills	Thoracic Trauma <ul style="list-style-type: none">• Anatomy• Physiology• Pathophysiology• Assessment• Management and Specific Injuries• Summary• Specific Skills
Shock and Fluid Resuscitation <ul style="list-style-type: none">• Anatomy and Physiology• Pathophysiology• Assessment• Management• Summary	Abdominal Trauma <ul style="list-style-type: none">• Anatomy• Pathophysiology• Assessment• Management• Summary

<p>Head Trauma</p> <ul style="list-style-type: none"> • Anatomy • Pathophysiology • Assessment • Specific Head Trauma Conditions • Management • Transportation • Summary 	<p>Spinal Trauma</p> <ul style="list-style-type: none"> • Anatomy and Physiology • Pathophysiology • Assessment • Management • Summary • Specific Skills
<p>Musculoskeletal Trauma</p> <ul style="list-style-type: none"> • Anatomy and Physiology • Pathophysiology • Assessment • Management • Summary 	<p>Thermal Trauma: Injuries Produced by Heat and Cold</p> <ul style="list-style-type: none"> • Anatomy • Physiology • Heat-Related Conditions and Injuries • Cold-Related Conditions and Injuries • Environmental Emergencies in Mass Casualty and Disasters • Summary
<p>Special Considerations in Trauma of the Child</p> <ul style="list-style-type: none"> • The Child as a Trauma Patient • Pathophysiology • Assessment • Management • The Battered and Abused Child • Summary 	<p>Special Considerations in Trauma of the Elderly</p> <ul style="list-style-type: none"> • Anatomy and Physiology of Aging • Assessment • Management • Legal Considerations • Abuse and Neglect of the Elderly • Summary
<p>Triage, Transport and Trauma Systems</p> <ul style="list-style-type: none"> • Triage • Transport • Trauma Systems • Summary 	<p>Golden Principles of Prehospital Trauma Care</p> <ul style="list-style-type: none"> • Why Patients Die • The Golden Principles of Prehospital Trauma Care • Summary

Military Medicine

- Military Medics and Emergence of Prehospital Care
- Military Health Services Support Organisation
- Prehospital Care in the Tactical Environment
- Weapons of Mass Destruction
- Triage
- Summary

Additional Extrication Training Day**Management and Principles of RTA Entrapments**

- Legislation
- Safety at Scene
- The Role of Other Emergency Services
- Personal Protective Equipment Regulations
- Pharmacology
- Rapid sequence Inductions in the Field
- Extrication Techniques
- Special Circumstances
- Live Scenarios