



EMERGENCY RESPONDER

VIVO EMERGENCY RESPONDER

(5 Days Program)

COURSE SCHEDULE

Day 1

- **Introduction to Emergency Medical Services**
- **Role & Well Being of an Emergency Responder**
- **Medico Legal & Ethical Issues**
- **Introduction to Human Body System**
- **Basic Life Support Training Program:**
 - Commonly seen life threatening emergencies (Heart Attack, Cardiac Arrest, Stroke)
 - Fundamentals of CPR- Airway, Breathing & Circulation
 - Practical Instruction on
 - CPR (Adult, Child & Infant),
 - AED (Adult, Child & Infant)
 - Recovery Position

Day 2

- **Review of Day1+ Mini Quiz**
- **Patient Assessment**
 - Scene Size up
 - Initial Assessment
 - Secondary Assessment with SAMPLE History
 - Ongoing Assessment
 - Vital Signs Assessment



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■ Airway Management

- Introduction to Airway
- Basic Airway Management Skill
 - ~ Manual Maneuvers
 - ~ Artificial Ventilation- Mouth to Mouth & using Barrier
 - Device as Face Mask, Face Shield
 - ~ Supplemental Oxygen Therapy

■ Review & Practice Basic Life Support (CPR & AED) & Recovery Position

Day 3

■ Review of Day 2 + Mini Quiz

■ Emergencies-

■ Medical Emergencies

- Respiratory Emergencies
- Cardiac Emergencies
- Diabetes & Altered Mental Status (Stroke & Seizures)
- Allergic Reaction
- Poisoning & Overdose
- Put it all together with assessment of the Medical Patient

■ Trauma Emergencies

- Bleeding (External & Internal Bleeding)
- Shock
- Impaled Object
- Amputation
- Open Chest & Open Abdominal Injuries
- Facial Injuries (Nose bleed, Eye injuries, Dental injuries)



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- Injuries to Head, Neck & Back
- Burns
- Musculoskeletal Injuries
- Put it all together with assessment of the Trauma Patient

• Environmental Emergencies-

- **Heat related** - Heat Cramps, Heat Exhaustion, Heat Stroke
- **Cold related**- Frost Bite, Hypothermia
- **Drowning, Near Drowning**
- **High Altitude Illness**- AMS, HAPE & HACE
- **Bites & Stings**
- **Splinting & Bandaging Techniques & Practice**
- Wound Dressing;
- Control of Bleeding; Stabilizing Impaled objects in Eye & other Body Parts
- Occlusive Dressing
- Care of Amputated body part & of Evisceration
- Bandaging different body parts: (Scalp, Jaw, Shoulder, Stump Bandage; Sling & Swathe Splint; Splinting Upper & Lower limb using Hard/Air Splint; Pelvic Bandage; Figure of Eight Bandage);

Day 4

• Review of Day 3 + Mini Quiz

• Trauma-

- Mechanism of Injury – Fall from Height, Motor Vehicular Accidents
- Trauma Patient Assessment Review
- Head & Spine Immobilization
- Lifting & Moving Techniques
- Emergency Moves



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" Operations

- Ambulance Orientation
- Gaining Access & Rescue Operations
- Special Operations

" Mass Casualty Incident & Triage

- Primary Triage
- Triage Scenarios

Put it All Together -**Mock Drill**

Day 5

" Review of Day 4 + Mini Quiz/Practical Skills

" Review of Practical Scenarios

- Unresponsive with no breathing- CPR + AED
- Unresponsive with breathing- Recovery Position
- Patient Assessment:
 - Responsive Medical/Sudden Illness Patient Assessment + Management- Breathing difficulty, Chest Pain, Seizures, Stroke, Diabetes/Hypoglycemia
 - Responsive Trauma Patient Assessment + Management- Fall from Height, Fractures (MVA) (Splinting Practice)

" Final Assessment

- Theory Examination
- Practical Examination

" Feedback & Validation