

## Pre-Hospital Trauma Care- An Overview

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*"The Neglected disease of Modern Society"*

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## Protocols in Initial Trauma Management ??? Need

- LIVES ARE PRECIOUS
  - Monetarily
  - Resources for Society
  - ACCIDENTS ARE NOT ACCIDENTS
  - Deaths from Accidents are Preventable
- INJURY IS A DISEASE
  - Cardio-vascular / Cancer ?? (DALY's)
  - Acute disease with high mortality in 1<sup>st</sup> hour

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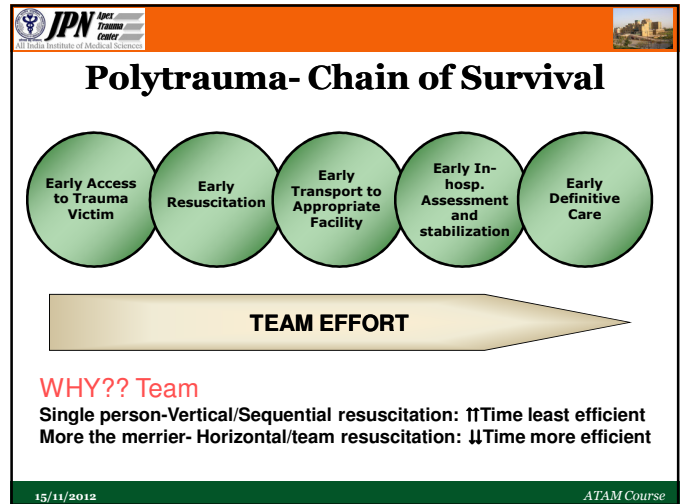
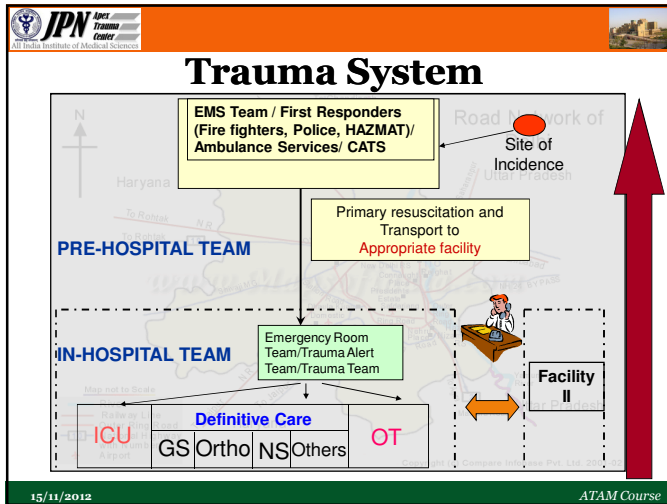
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## Not only RTA lead to trauma

- Transport related Injuries
- Falls
  - Very common in pediatric age group
- Agricultural related trauma
- Fire Arms
- Intentional self harm (Suicides)
- Assault
- Fall of objects
- Burns
- Drowning
- Natural Disasters
- Terrorist Attacks
- Possibility of "NBC" events

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### Scene Assessment

- **Components**
  - Safety
    - (e.g., fire, contamination, combat, etc.)
  - Pre-arrival information
  - Arrival on scene
  - Mechanism of injury
  - Patients
- **Taught individually; performed simultaneously**
- **Personal and personnel safety is paramount**

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### Safety

- **Pre-incident**
  - Prophylaxis (Recommended Vaccinations)
  - Training
- **Incident**
  - **Situational awareness**
    - Do not enter scene unless it is safe
    - Crime scene
  - **Safety measures**
    - PPE
    - Incident-specific
    - Patient-specific
    - Blood, body fluids, sharps
- **Post-incident**
  - Exposure (e.g., TB, body substance, etc.)

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## Pre-Arrival Information

- **Dispatch information**
  - **Location of incident**
  - **Nature of incident**
  - **Report situational issues**
    - Safety
    - Number of patients
  - **Co-responders**
- **Weather conditions**
- **Traffic conditions**
- **Time of day**

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