



World Health Organization

- ✓ Accidents are major health problem
- ✓ Every year, thousands of traffic accidents, Injuries, deaths
- ✓ **Most deaths – Due to Accidents**
Not from diseases
- ✓ Most of them are **preventable**.
- ✓ Affects **drivers, passengers, pedestrians, and families**
- ✓ Road safety is not just about laws — it's about **attitude, awareness, and responsibility**



**World Health
Organization**

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Accidents Factors

Out of 100 = 70-90 due to
HUMAN FACTOR

✓ Human/ Driver Factor

- SPEEDING, Alcohol, Drugs, Drowsiness, Fatigue, behaviors
- Medicines, Distractions like headphones, conversation
- Pedestrian is considered Human Factor

✓ Road Factor

- Poor Road, Insufficient Lighting
- Traffic flow, Malfunction traffic lights

✓ Vehicle Factor

- Brake issues, brake fluid, ABS malfunction



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Most Accidents - Who?

✓ Young / Adolescents

- Ages **19 and 29**
- Lack of Experience, Over confidence, Distractions
- Exhibitionist behavior, A lower perception of risk.

Overestimating driving capacity, (**Eating, Chatting**)

✓ 15-24

- First Time on Moped on Road
- Traffic flow, Malfunction traffic lights

More Distraction factors with
YOUNG

✓ Over 70 or Older

- Reduces Psychomotor Skills, Distractions

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Most Accidents - Where?

✓ Accidents / Deaths

- **Most Accidents** on Urban Roads (More Users, Vulnerable)
- But Fewer Deaths becoz of Slow Speed Limits
- **General Public** don't have Very much info. Need Info + Education

- **More Deaths** on Inter-Urban Roads (Conventional Road)
- Speed + Opposite Direction Traffic

- ✓ **Safer** (But Distraction related accidents)
- Motorways + Dual Carriage Ways (Separate Opposite Traffic)
- Traffic flow, Malfunction traffic lights

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Alcohol

✓ Alcohol:

- Vision Problem, Impairs Judgement, Slower Reaction Time, **False Confidence, Risky Behavior, Sever Injury**
- Even small amount is dangerous
- **Alcohol Leads to Speeding**
- Zero Alcohol level is the **best strategy**

✓ Speeding:

- Less Margin to React, INCREASES Stopping Distance

WHO considers Speeding more Common Factor



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Accidents - When?

✓ Vacations, Weekend Nights, Early Morning

✓ Peak Hours from and to Work

✓ **On Urban Roads**, Most effected are who those are on road (Pedestrians)

as compared to passengers.

As Pedestrians - OLDER and CHILDREN

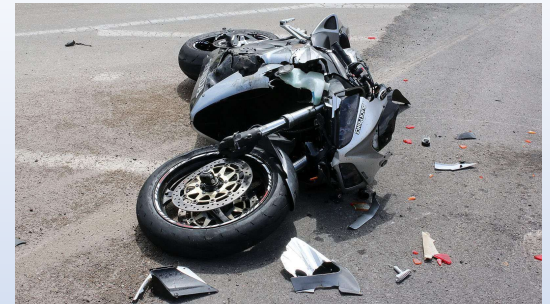


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Motorcycle Accidents

- ✓ Failure to wear a helmet - MORE **DEATH** CHANCES
- ✓ Collision with another vehicle, Intersections
(Frontal or Front Lateral **MOSTLY**)
- ✓ Serious Injuries = Head and Face
- ✗ Don't Travel in Parallel =
Avoid accidents with MOTO





AVOIDING Accidents

- ✓ Accidents are Avoidable
- ✓ Even considered not Avoidable
- ✗ NOT (**inevitable**) – Cannot be Avoided is WRONG

- ✓ By vehicle maintenance
- ✓ Respect Right of Way (**Signs/ G. Rules**)
- ✓ Drive according to **Circumstance/ Traffic. Cond.**

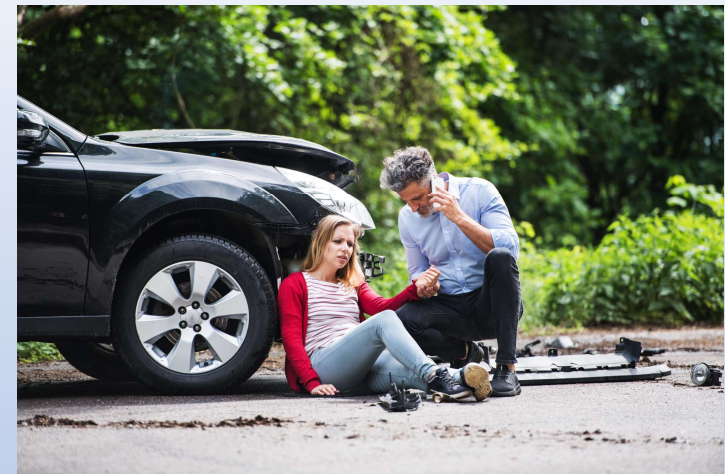
- ✓ Drive with maximum Safety (**Preventive Driving**)
- ✓ Avoid Pedestrian Accidents (**Careful Reversing**)
- ✓ And Careful at **Pedestrian Crossings**

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Accidents – Reporting

- ✓ Report to Emergency telephone = **112**
- ✓ With your **personal details**
- ✓ **Involved** Name and Personal Details
- ✓ Maintain Traffic Safety (**Triangles/ V16**)
- ✓ **Stay:** at the Scene until **help arrives**
- ✓ **Involved:** Stay until traffic **officer arrives**
- ✓ **Witness:** Quickly + Calmly



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Accidents –Assisting (PWA)

- ✓ **ASSIST?: Yes!** If no help arrived! – **Injured NOT attended**
- ✓ **Protect:** Protect yourself – Reflective Vest
- ✓ **WARN:** Protect – Triangles, V-16 – **ENSURE SAFE TRAFFIC**
- ✓ **Assist/ Help:** Don't move unless extremely important
- ✓ **Don't Remove Helmet:** Unless breathing issue
- ✓ **Firstly:** Ensure No More Accidents – Safe Traffic
- ✓ **Lastly:** Collaborate with Authorities



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Accidents - Costs

- ✓ **Material, Health, Administrative, Social – All Citizens)**
 - ✓ Insurance Companies
 - ✓ **Medical Expenses**
 - ✓ Authorities (Police, Investigation Department)
 - ✓ **Family Tragedies + Productivity**
- ✓ On Urban Roads, Most effected are who those are on road as compared to passengers.
- ✓ **Car body and chassis protects**

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Accident Costs – Costos por Accidentes

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Material Costs:

- ✓ Damage to Vehicle, Road and the Environment, Fences, Traffic Signs (Fine)

Medical Costs:

- ✓ First Aid, the treatment of the injured, Rehabilitation

Administrative Costs:

- ✓ Public Administrations, Insurance Companies, Police, Investigators
- ✓ Fees, Fines, Taxes, Toll Charges

Human Costs:

- ✓ Economic impact on society. Fatality, Disability when speed 50 and 80

All citizens directly/ indirectly. 2% of the country's gross domestic product

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DON'T

- ✗ Move the injured unless to clear accident site
- ✗ Give water to drink (**except burn victims**)
- ✗ Give medicine
- ✗ Touch wounds

- ✗ Move elements of the accident, unless necessary
- ✗ Put objects under their head
- ✗ Make the injured walk
- ✓ Remove the helmet
- ✓ Ambulance delayed, Transport even in Van, Truck - **Gently**



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First Aid

✓ Assess the level of **consciousness**, speak or pinch them.

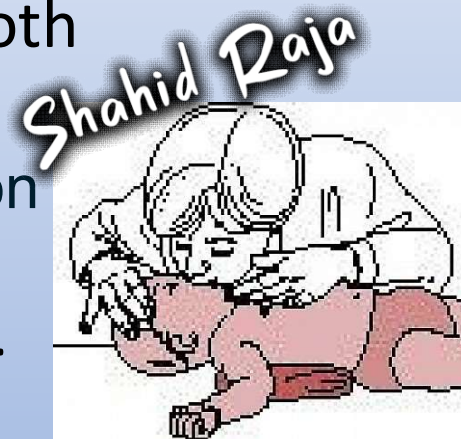
✓ Assess their **breathing - PULSE**

Airways, mouth, breathing, circulation and bleeding

1. To open the airway, **Head tilt-chin lift** maneuver
2. Check for **breathing every 10 seconds**
3. **NEVER Cloe injury**, Stop Bleeding tightening a cloth

1. If Breathing, Start **CPR**, Cardiopulmonary Resuscitation
2. Perform 30 compressions
3. **Adult = 12 and 15 breaths per minute (M to M Resuscit..**

1 Breath every 5-6 Seconds



Mouth-to-Mouth Respiration

- ✓ **Clean the victim**
- ✓ **Open airways**
- ✓ Tongue does not Obstruct the Airway

- ✓ **Mouth to mouth contact**
- ✓ Aprox. **12 Breaths per minute**
- ✓ **1 Breath every 5-6 Seconds**



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Recovery Position / Lateral Safety Position

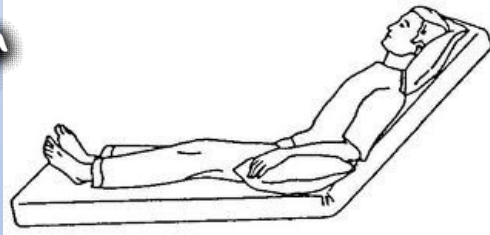
✓ **Recovery Position:** It keeps airways open, Vomiting Easy, Recovery position even Uncontious.

✓ **Shock:** Rapid pulse/ weak, Pale, Internal bleeding.
Place them face up with their feet raised

✓ **Conscious And Difficulty Breathing:** Serious brain damage.
Place them in a semi-seated position

✓ **INJURIES:** Don't Touch or remove foreign bodies

✓ **Burns:** Don't apply medicines, Moisten wit clean cloth



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