



INTEGRATED INSTITUTE OF PROFESSIONAL MANAGEMENT

Our Accreditations



Our Standards





FIRST AID PRACTISE

DEFINITION OF FIRST AID

First Aid is the initial assistance or treatment given to a casualty for any injury or sudden illness before the arrival of an ambulance, doctor, or other qualified personnel.

AIMS OF FIRST AID

- Prevent the casualty's condition from becoming worse
- Promote recovery
- To prevent the condition worsening, that is, to prevent further injuries and complication.

RESPONSIBILITIES AS A FIRST AIDER

- Assess the situation quickly and safely and summon appropriate help
- Protect casualties and others at the scene from possible danger
- To identify, as far as possible, the nature of illness or injury affecting casualty.
- To give each casualty early and appropriate treatment, treating the most serious condition first.
- To arrange for the casualty's removal to hospital or into the care of a doctor.
- To remain with a casualty until appropriate care is available.
- To report your observations to those taking care of the casualty, and to give further assistance if required.

PRIORITY OF CASUALTIES

- Save the conscious casualties before the unconscious ones as *they have a higher chance of recovery.*



PRIORITY OF CASUALTIES

- Save the young before the old.



PRIORITY OF CASUALTIES

- Do not jeopardize your own life while rendering First Aid.



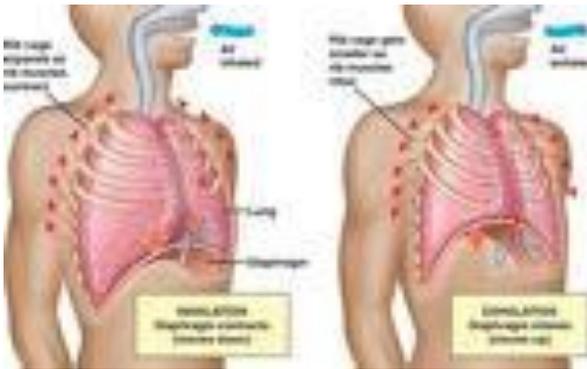
- **In the event of immediate danger, get out of site immediately.**



Remember: One of your aims is to preserve life, and not endanger your own in the process of rendering First Aid.

IN FIRST AID PRACTISE

Casualties should always be treated in the order of priority, usually given by the **“3 Bs”**:



1. Breathing



2. Bleeding



3. Bones

RECOVERY POSITION

For people who are unconscious, or semiconscious, but are still breathing.

If there are spinal or neck injuries, do not attempt to place the casualty in the recovery position.

NOTE: Leaving the victim in this position for long periods may cause them to experience nerve compression.



STEP 1: Kneel next to the person. Place the arm closest to you straight out from the body. Position the far arm with the back of the hand against the near cheek.



#ADAM

STEP 2: Grab and bend the person's far knee



#ADAM

STEP 3: Protecting the head with one hand, gently roll the person toward you by pulling the far knee over and to the ground.

HYPERVENTILATION

Hyperventilation, also known as excessive breathing, causes a reduction of carbon dioxide concentration (below normal) of the blood



How to help someone with hyperventilation

HYPERVENTILATION

SYMPTOMS:

- Unnaturally fast, deep breathing
- Attention-seeking behaviors
- Dizziness, faintness, trembling, or marked tingling in hands, feet and lips
- Headache
- Chest pain
- Slurred speech
- Cramps in the hands and feet

CAUSES:

- Stress or anxiety
- Consequence of lung diseases, head injuries or stroke



TREATMENT:

- When speaking to casualty, be firm but kind
- If possible, lead the casualty to a quiet place where he may be better able to regain control of his breathing
- Let him re-breathe his own exhaled air from a paper bag.
- (Paper bag is preferred over plastic bag as plastic bag may cause the casualty to suffocate)

FAINTING

Fainting is a brief loss of consciousness that is caused by a temporary reduction of blood flow to the brain.



FAINTING

SYMPTOMS:

- A brief loss of consciousness causing the casualty to fall to the floor
- A slow pulse
- Pale, cold skin and sweating

CAUSES:

- Taking in too little food and fluids (dehydration)
- Low blood pressure
- Lack of sleep
- Over exhaustion

TREATMENT:

- Lay casualty down, and slightly elevate legs
- Make sure she has plenty of fresh air
- As she recovers, reassure her and help her sit up gradually
- Look for and treat any injury that has been sustained through falling



SHOCK

Shock occurs when the circulatory system fails, and insufficient oxygen reaches the tissues. If the condition is not treated quickly, vital organs can fail, ultimately causing death. Shock is made worse by fear and pain.



CAUSES:

Shock can be divided into 4 types:

- Hypovolemic shock
 - caused by the loss of blood volume (such as through bleeding) or profound dehydration
- Cardiogenic shock
 - a result of a weakened heart that is unable to pump blood as efficiently as it once did.
Commonly occurs after a massive heart attack
- Distributive shock
 - a result of the lack of distribution of blood to the organs
- Obstructive shock
 - results from an obstruction to blood flow at a site other than the heart

TREATMENT:

- “P.E.L.C.R.N.” (Pronounced Pell-Crin)
- Position the casualty on their back
- Elevate the Legs
- Loosen clothing at neck waist or wherever it is binding
- Climatize (prevent too hot or too cold)
- Reassure (keep the casualty calm)
- Notify medical personnel (Help, Get a medic!!)

SHOCK



SYMPTOMS:

- Clammy skin (cool, pale and damp)
- Restlessness and nervousness
- Thirst
- Loss of blood
- Confusion
- Fast breathing
- Nausea or vomiting
- Blotched or bluish skin (especially around the mouth and lips)
- Often perspires freely
- May pass out.

BEE/HORNET STING

SYMPTOMS:

- Redness and swelling in injured area



TREATMENT:

- Remove stinger as fast as possible
- Reduce pain and swelling with cold compress

CRAMPS

Cramps are painful sensations caused by contraction or over shortening, usually of muscles.



CAUSES:

- Cold or overexertion

TREATMENT:

- Stretch the muscle and apply heat or cold (preferably heat)
- Cramps from lack of salt and water: Stretch the muscle, drink water and increase salt intake



CHOKING

Choking is the mechanical obstruction of the flow of air from the environment into the lungs.



Universal sign
for choking

CAUSES:

- Introduction of foreign object into airway, which becomes stuck
- Respiratory diseases
- Compression of airway (e.g. Strangling)

SYMPTOMS:

- Unable to speak or cry out
- Face turns blue from lack of oxygen
- Victim grabbing at his/her throat
- Weak coughing, labored breathing produces high-pitched noise
- Unconsciousness



Place the infant stomach-down across your forearm and give five quick, forceful blows on the infant's back with heel of your hand



#ADAM

Cover your fist with your other hand and thrust up and in with sufficient force to lift the victim off his feet



#ADAM

TREATMENT:

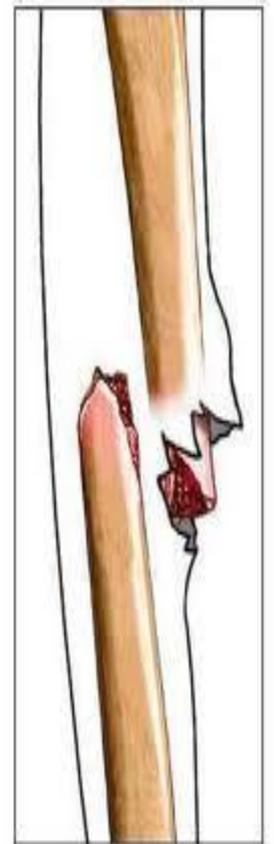
- Encourage victim to cough
- Back slaps: Use of hard blows with heel of the hand on the upper back of the victim
- Abdominal thrusts: Standing behind the victim and using hands to exert pressure on bottom of the diaphragm (May result in injuries like bruises or fracture of ribs)

FRACTURES

A fracture is a break or crack in the continuity of the bone.

SYMPTOMS:

- Pain at or near fractured site
- Tenderness on gentle pressure
- Swelling over the fracture site
- Deformity e.g. irregularity of bone, angulation or rotation of limb, depression of bone etc.
- Loss of power
- Signs and symptoms of shock

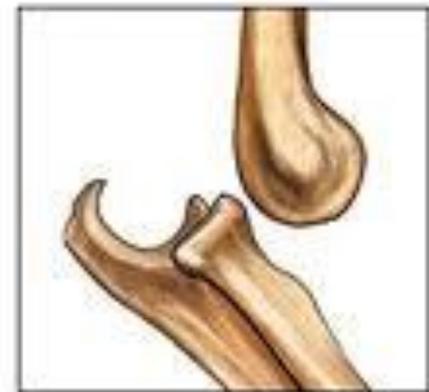
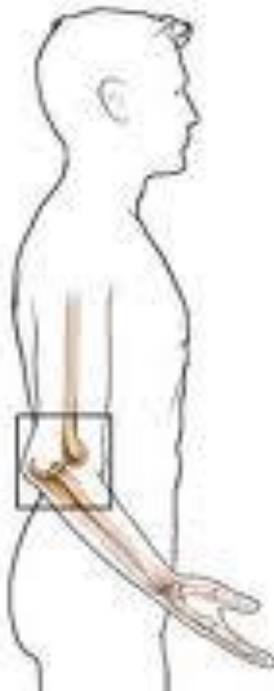


DISLOCATIONS

A **dislocation** is the displacement of one or more bones at a joint. It usually occurs in the shoulders, elbow, thumb, fingers and the lower jaw.

SYMPTOMS:

- Pain at the site of injury
- Limited movement at joint
- Deformity
- Swelling
- Tenderness



Dislocated elbow

FRACTURES AND DISLOCATIONS

TREATMENT:

- **Support and immobilize the injured limb**
- **Use a splint (if possible) in order to prevent movement of the injured part**
- **Arrange for casualty to be removed to hospital**
- **In doubtful cases, always treat as for a fracture**
- **Do not attempt to replace the bones**

DEGREE OF BURN

First degree
burn



First degree burn:
This involves only the outermost layer of skin and is characterized by redness, swelling and tenderness.

Second degree
burn



Second degree burn:
Any 1% burn affecting layers of the epidermis, giving rise to rawness, blisters and the presence of a clear fluid. Can be fatal if it affects over 60% of the body.

Third degree
burn



Third degree burn:
All the layers of the skin are burned and there may be some damage to the nerves, fat tissue and muscles. Skin may look waxy, pale or charred. Purple fluid is observed and no pain is felt by casualty. Urgent medical attention is required.



steam burn

TREATMENT:

**MINOR BURNS
(FIRST DEGREE BURNS)**

- Rinse the injured part with cold water for at least 10 minutes to stop burning and relieve pain
 - Gently remove any jewelry, watches, belts or constricting clothing from injured area before it begins to swell
 - Cover area with sterile dressing, or any clean, non-fluffy material and bandage loosely in place.
- NOTE: Cold burns should not be rinsed with cold water and cold water should never be applied to anyone with extensive burns.**

SEVERE BURNS

(SECOND AND THIRD DEGREE BURNS)

TREATMENT:

- Lay the casualty down and protect the burnt area from contact with the ground if possible
- Rinse burn with plenty of cold water for at least 10 minutes or use burn-cooling gel
- Arrange for casualty to be sent to the hospital
- While cooling the burn, watch for signs of difficulty in breathing and be ready to resuscitate if necessary



SEVERE BURNS

(SECOND AND THIRD DEGREE BURNS)

- **Remove any rings, watches, belts, shoes or burning clothing from injured area before it begins to swell**
- **Remove burnt clothing, unless it is sticking to the burn**
- **Cover dressing with sterile dressing or some other suitable material to prevent infection and germs (this is not necessary if burn is on face)**
- **Do NOT burst any blisters, touch infected area or apply any lotions to the injury as this will retain heat within the burn.**



ELECTRIC SHOCKS

(LOW-VOLTAGE CURRENTS)

- Break contact of electric source with casualty by switching off mains or meter point (Only if it is safe for you to do so)
- If unable to reach cable, stand on insulating material e.g. plastic mat, wooden box and push casualty's limbs away from source with a broom or stick
- Do not touch the person until the power supply is turned off
- Be careful in areas that are wet
- Dial 995 to summon an ambulance

