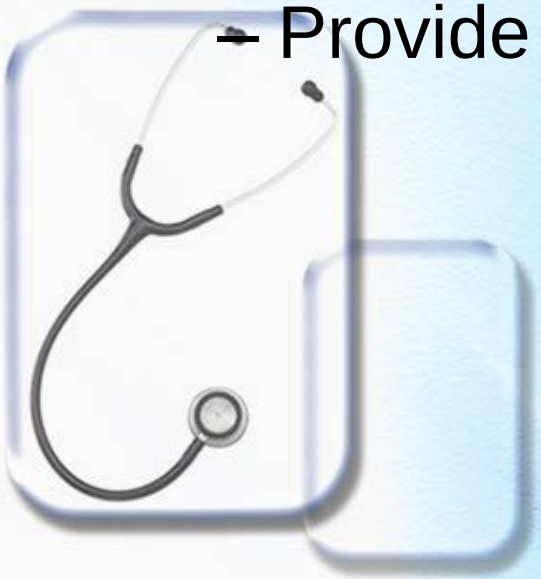
Burns and Scalds

Learning Outcomes

- You will be able to:
  - Differentiate Types of Burns
  - Recognise severity of burn injury
  - Describe safety precautions when provide care to burn victims
  - Provide care to burn victims

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Burns are result from dry extreme temperature

Scalds are caused by wet heat from hot liquids and vapors

Assessing a Burn

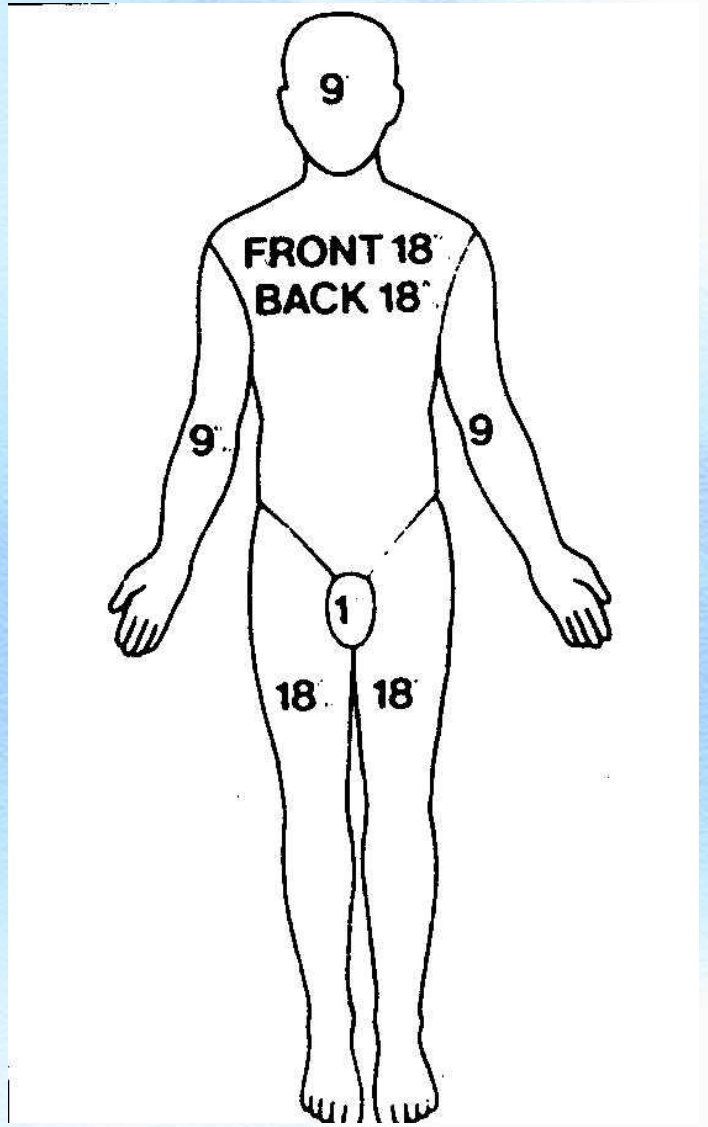
- Burned skin are highly susceptible to infections
- Extent of burn is the total affected area
- Depth of burn is the damage done to the skin
- Facial involvement
  - Airway potency

Types of Burn

- Dry Burn
- Cold Injury
- Friction
- Radiation
- Scald
- Electrical Burn
  - Low / High voltage
  - Lightning
- Chemical Burn

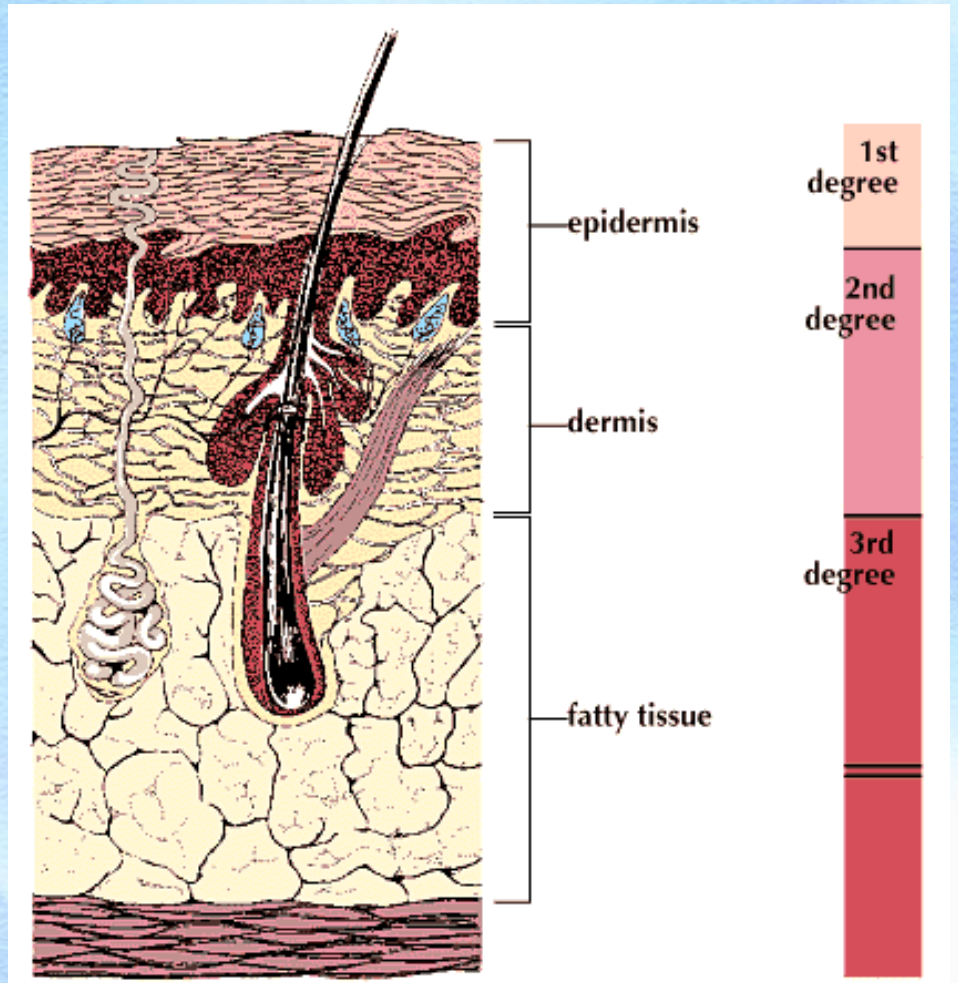
Extent of Burn

- Greater area affected by burn means greater loss of body fluid
- Rule of Nines

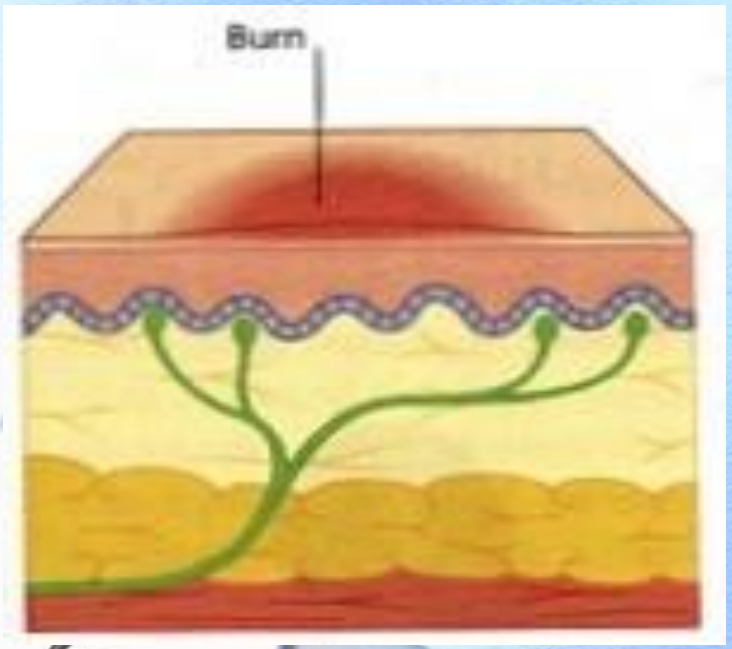


Depths of Burn

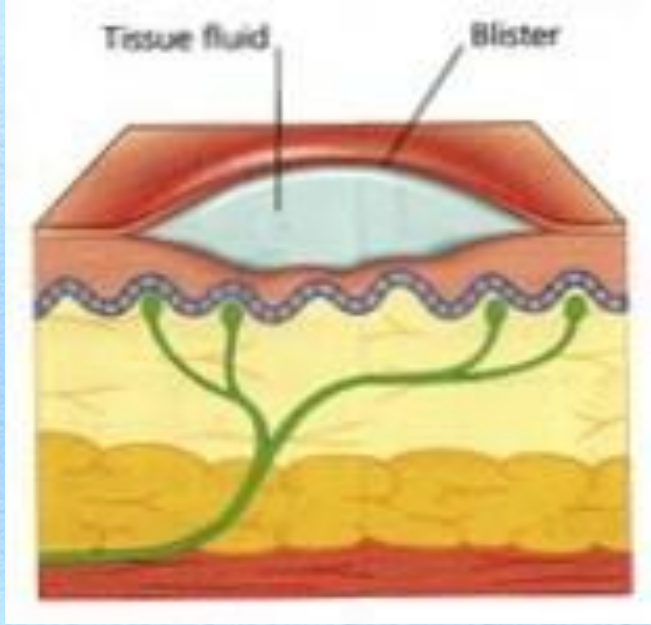
- Determines how bad the damage



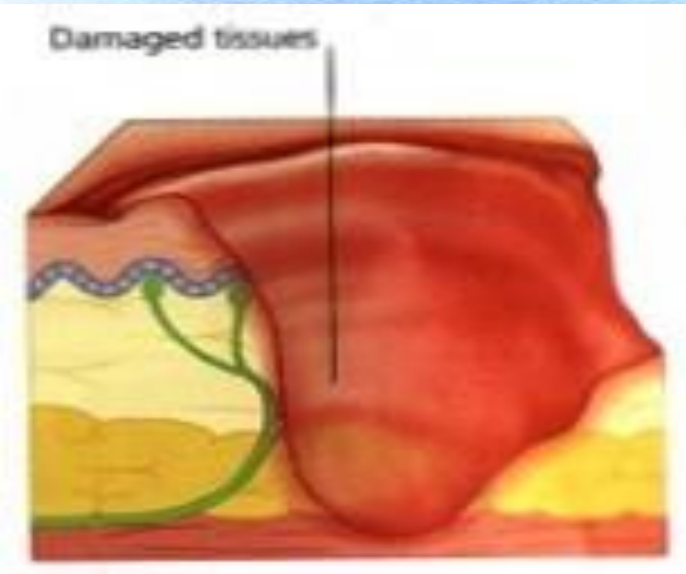
Superficial Burn



Partial-thickness Burn



Full-thickness Burn



General Treatment

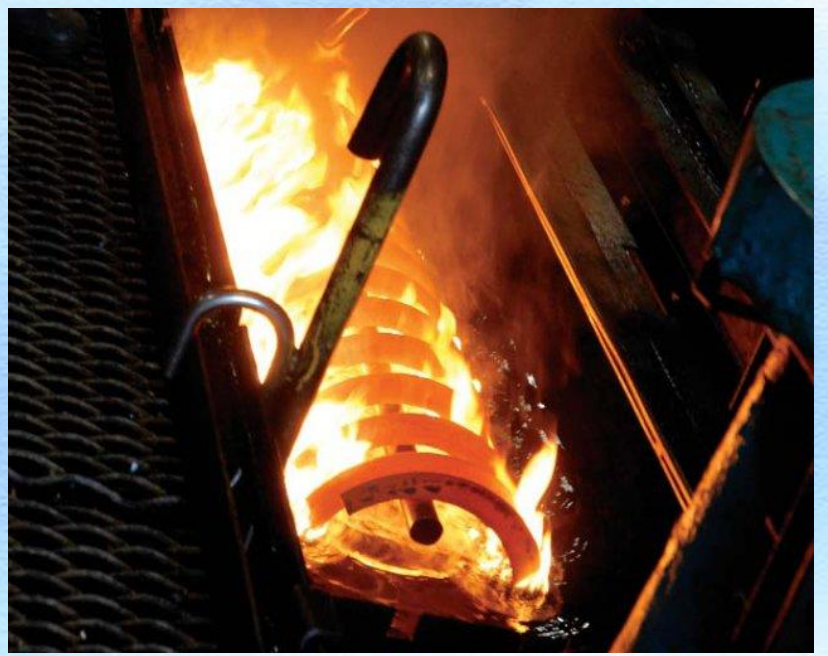
STOP

COOL

DRESS

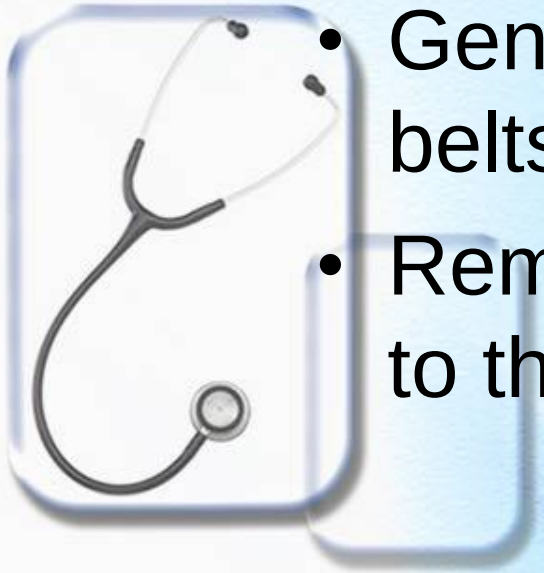
Thermal Burn

- Caused by hot object
- Recognition:
  - Pain
  - Sign of shock



Treatment

- Stop the burning
- Plenty of water to relieve pain
- Treat associated injuries
- Minimize the risk of infection
- Gently remove the rings, watches, belts before the tissue begin to swell
- Remove burned clothing unless sticks to the body



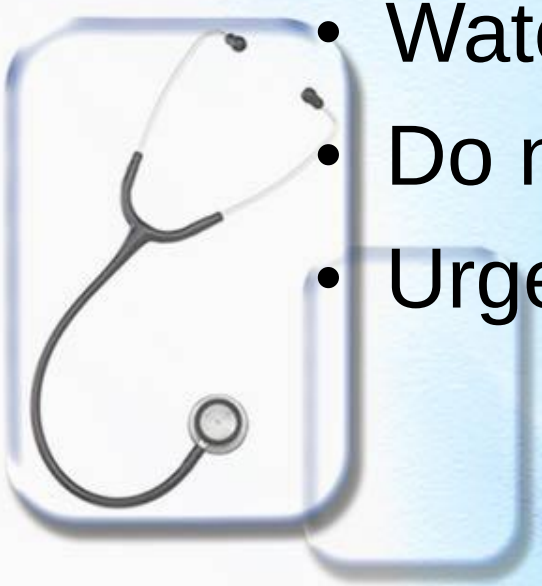
- Cover with sterile dressing or cling wrap
- Check vital signs
- Treat for shock
- Arrange urgently to hospital

Chemical Burn

- Chemical reaction
- Evidence of chemical in the area
- Safety

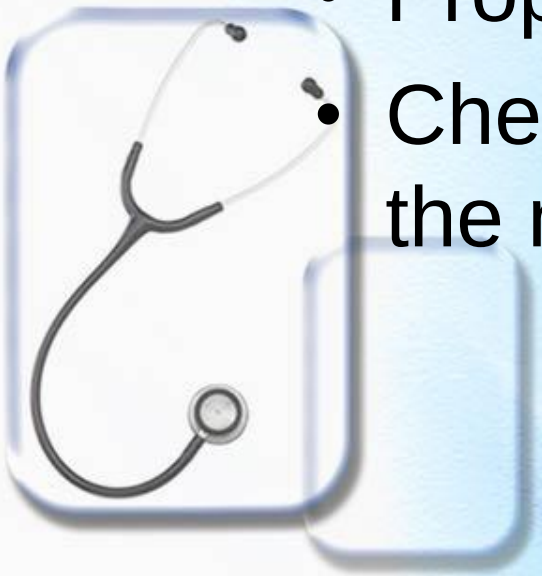
Treatment

- To make the area safe
- Remove casualty to a safe place if necessary
- Run with water for at least 20 minutes
- Watch out the contaminated water
- Do not attempt to neutralise
- Urgent removal to hospital



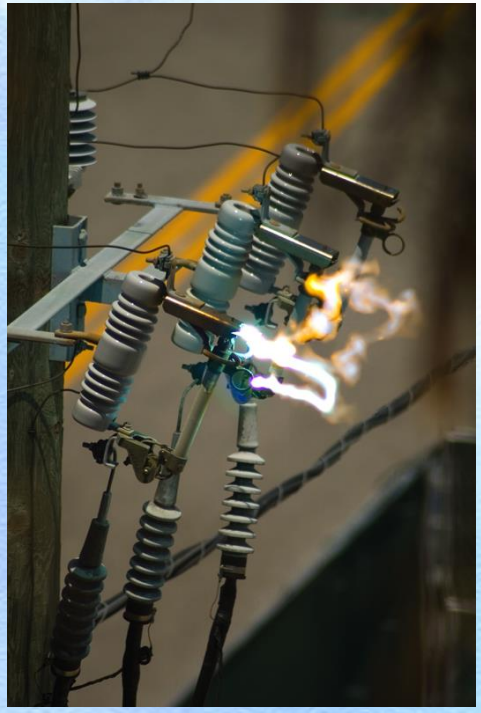
Also make sure…

- Inform the relevant authority
  - Bomba
  - Jabatan Alam Sekitar
- Proper care of contaminated clothing
- Check airway ,vital signs and notify the medical staff about the incident



Electrical Burn

- High Voltage vs Low Voltage
- Point of entry and exit
- Shock
- Risk of “internal burn”



Treatment

- Make sure safety
- Treat the burn and shock
- Urgent removal to hospital

Caution

- Do not approach a high voltage tower / source until you are officially informed

Question

Environment