

# Bleeding

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External bleeding

Internal bleeding

Artery injury

Vein injury

Capillars injury

Can be life threatening condition

# Artery injury

## Signs:

Blood is jetting up from the wound

Blood is clear red

Blood is pulsating

# Vein injury

## Signs:

Blood is slowly getting out from the wound

Blood is dark red

Blood is not pulsating

Signs:

Weakness, sweating, thirst,  
pale skin, tachycardia, hypotension  
unconsciousness

Blood loss 0,5 l (10 %)- compensation

Blood loss up to 2 l (30 %)- shock is evident

Blood loss above 2 l- breathing will cease  
the heart will stop  
loss of consciousness

Wound of big artery- death in 1,5 minute

# First aid

Remove clothing

Apply a dressing over the wound

Direct pressure over the wound

Maintain direct pressure

Use pressure points

Esmarch band

The casualty should be in horizontal position

# First aid

No eat and no drink

Monitor vital signs

Call the ambulance

# Internal bleeding

## Bleeding inside body cavities

- Blow of blunt objects
- Closed fractures
- Nose, mouth, stomach ulcer, oesophagus varices
- Urethra, anus, vagina
- Abdominal cavity

# Internal bleeding

The signs of bleeding vary depending on the site

First aid

Principles against the shock

Ice packs

Transport

Surgical management

Plasma expanders, plasma, blood