

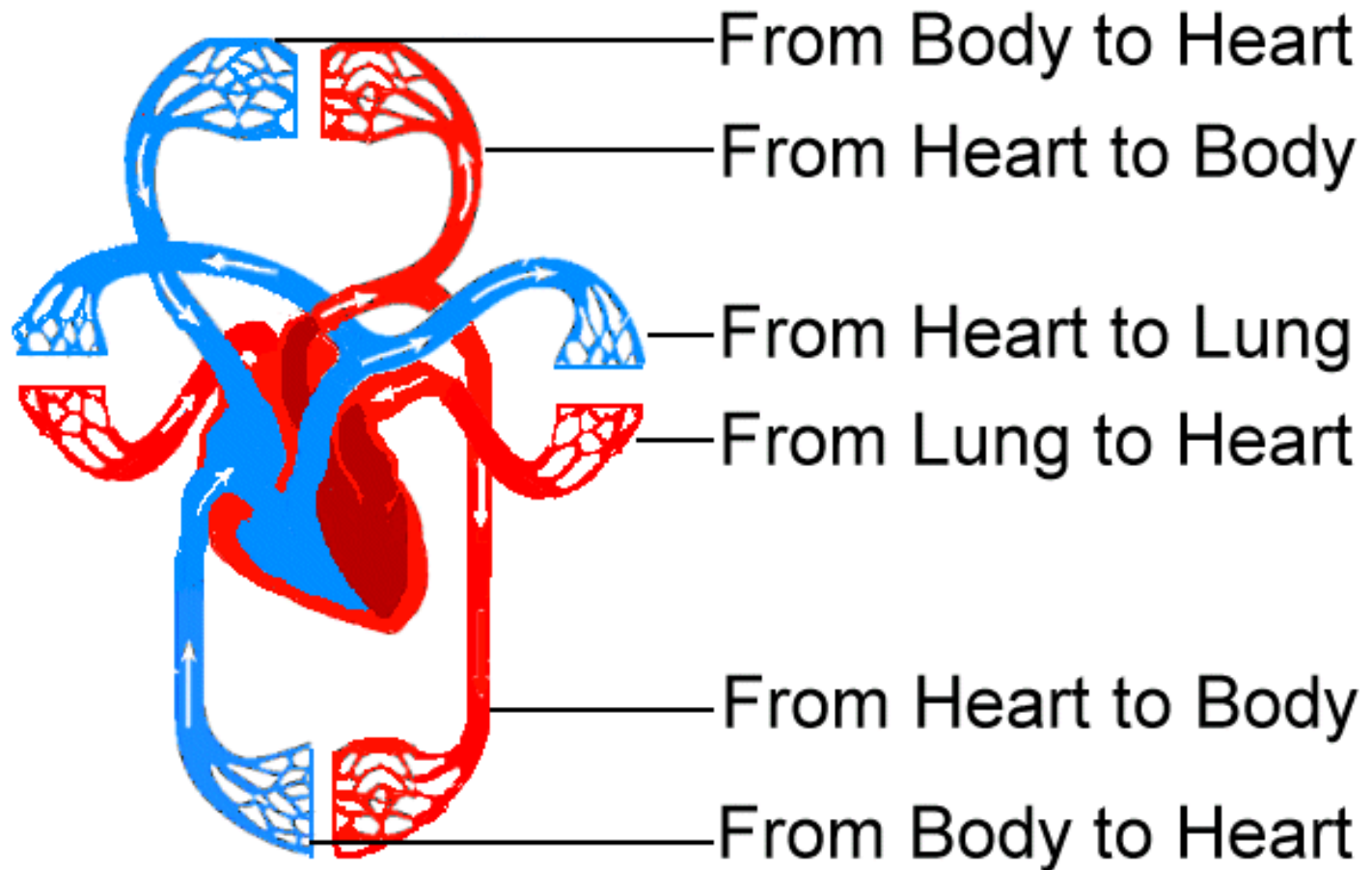
# **Wounds & Bleeding**

Part 1

# Objectives & Learning Outcomes

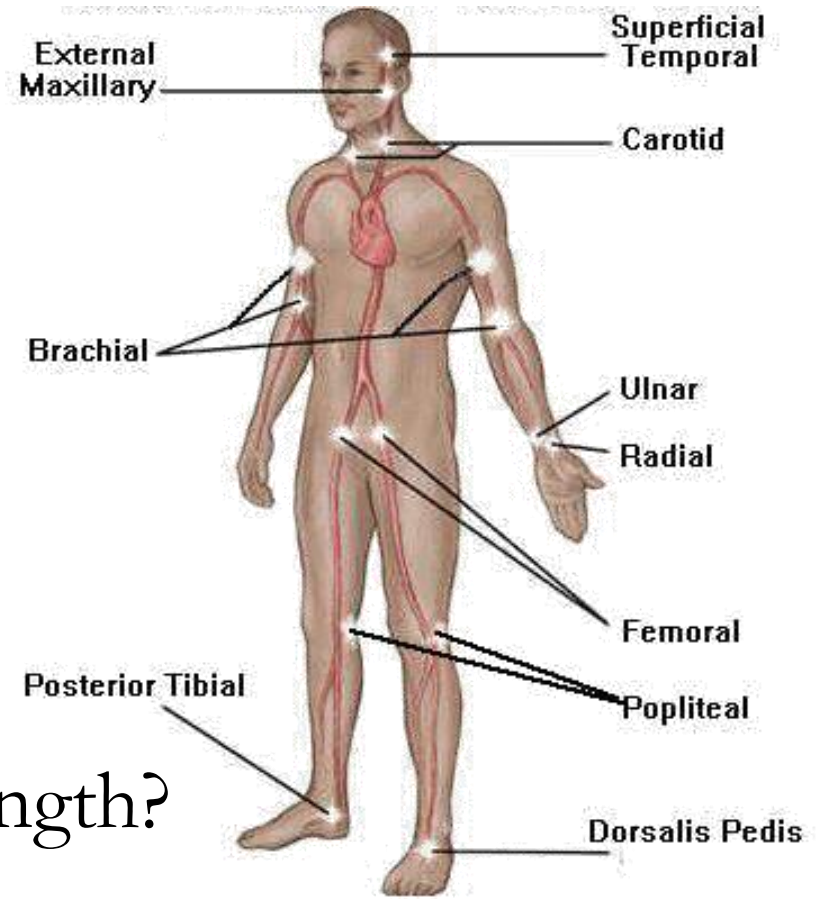
- Anatomy & Physiology of the Circulatory System
- Record Pulse
- Recognise Wounds and Control Bleeding
- Manage Severe Bleeding and Shock
- You will be able to:
  - Recognise how the body reacts to bleeding
  - Manage and Control Bleeding
  - Recognise signs and symptoms of severe blood loss

# The Heart



# Pulse

- Sites:
  - **Carotid**
  - **Brachial**
  - **Femoral**
- Rates: 60-80/min
- What is Rhythm and Strength?
- Recording pulse rate
- What causes pulse to change?



# Wounds and Bleeding

- Bleeding – blood escaped from Circulatory System
  - Arterial Bleeding
  - Venous Bleeding
  - Capillary Bleeding



# Types of Wounds



**Contusion**



**Abrasion**

# Types of Wounds



**Laceration**



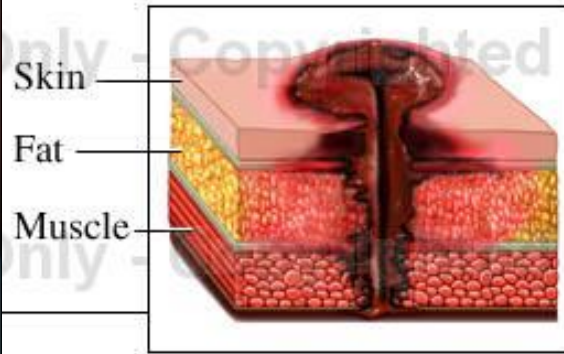
**Incision**

# Type of Wounds



**Puncture**

only - Copyrighted I



only - Copyrighted I



**Gun Shot**



# Managing a Wound

- Prevention of cross infection
- Body's reaction - vasoconstriction
- Control Bleeding
  - **Direct Pressure**
  - **Elevate injured part**
  - **Indirect Pressure**



# Minor Bleeding



- Infection is main concern
- Clean the wound with running water
- Dressing with clean material

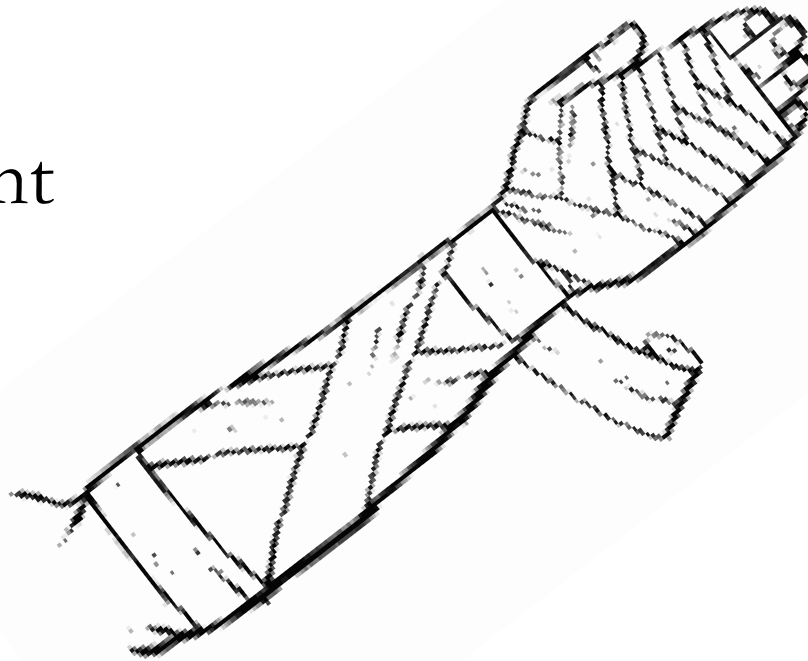
# Severe Bleeding

- Main concern is to stop bleeding
- Control bleeding
- Apply dressing and secure with bandage



# Roller Bandage

- Simple Spiral
- Reverse Spiral
- Figure of Eight



# Shock (*Hypovolemic*)

- Inadequate perfusion
- Signs and Symptoms
  - Confusion
  - Cold and Clammy Skin
  - Pale
  - Dizziness
  - Weak and Rapid Pulse
  - Shortness of Breath, Gasping for Air



# Internal Bleeding

- Signs and Symptoms of Shock
- Source of bleeding
  - Vomit
  - Feces
  - Ears
  - Nose
  - Vagina

# *Question ?*

