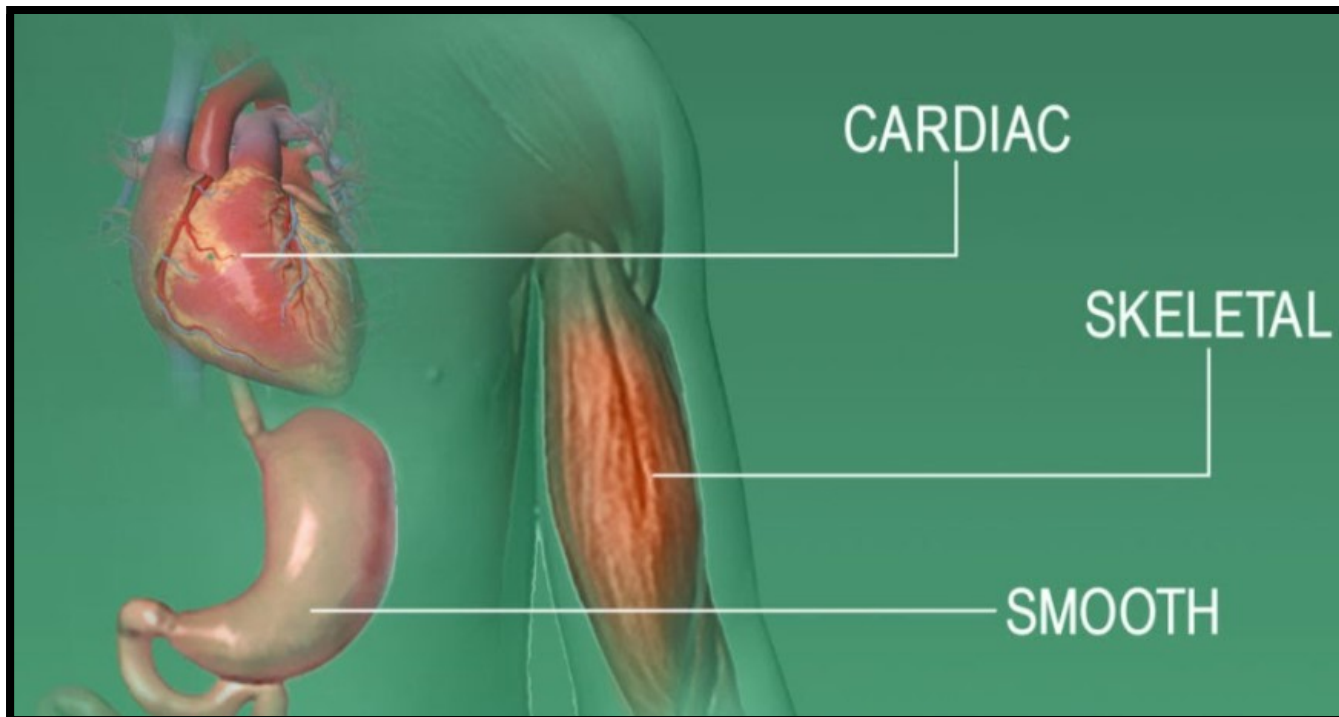
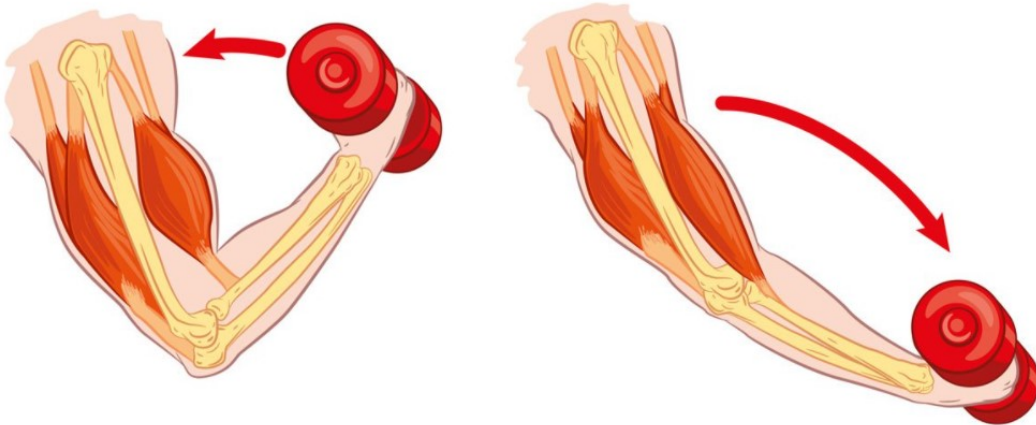


MYOLOGY



Myology

- **Myology** deals with the **study of muscles (musculi) and their accessory structures** such as the fasciae and synovial membranes
- The muscles are highly specialized organs, which have the property of **contracting under the influence of a stimulus**.
- This is termed as **contractibility** and this phenomenon helps them to move those parts of the body to which they are attached.
- They are the **active part of the locomotion**.
- **Sylvius** the anthropotomist, who first named the muscles.



Myology

➤ There are **three** different types of muscles that make up the muscular system viz., •

➤ **Skeletal muscle**

➤ **Smooth muscle**

➤ **Cardiac muscle**

➤ The accessory structures of the muscle are

➤ **Fascia**

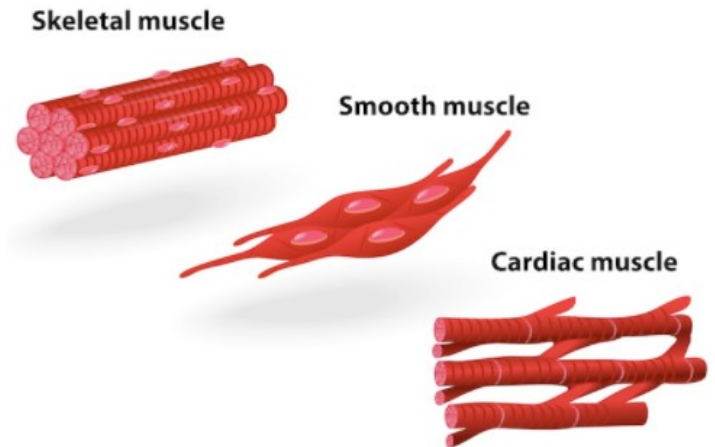
➤ **Superficial fascia**

➤ **Deep fascia**

➤ **Synovial membranes**

➤ **Synovial bursa**

➤ **Tendon sheath**



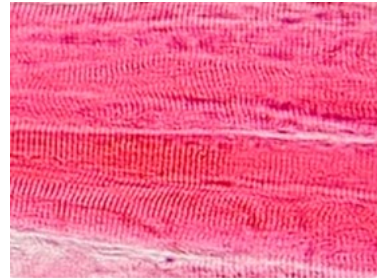
CLASSIFICATION OF MUSCLES

- The muscles are classified **based on the structure** in to three types as

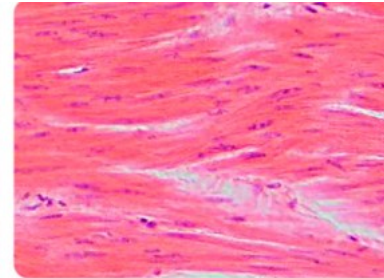
❖ **Skeletal muscle**

❖ **Smooth muscle**

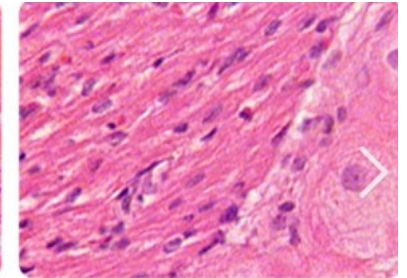
❖ **Cardiac muscle**



Skeletal muscle



Smooth muscle

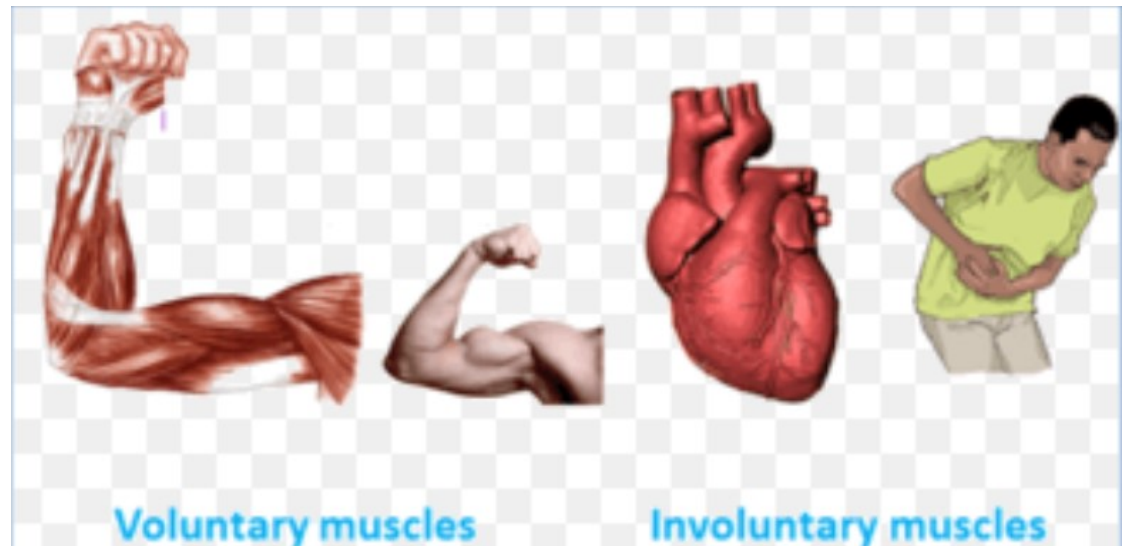


Cardiac muscle

- The muscles are classified **based on the function** in to two types as

❖ **Voluntary muscle**

❖ **Involuntary muscle**



THANK YOU