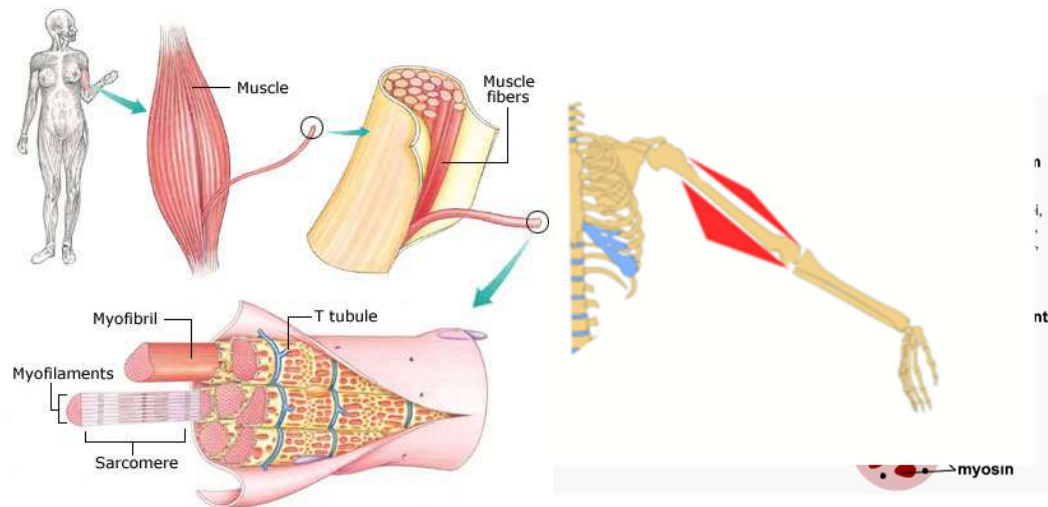


Types of Complex tissues

Muscular tissue :

- ◆ Muscular tissue consists of elongated cells called muscle fibres.
- ◆ This tissue is responsible for movement in our body.
- ◆ Muscle contains special proteins called contractile proteins.
- ◆ These proteins contract and relax to cause movement of muscles.



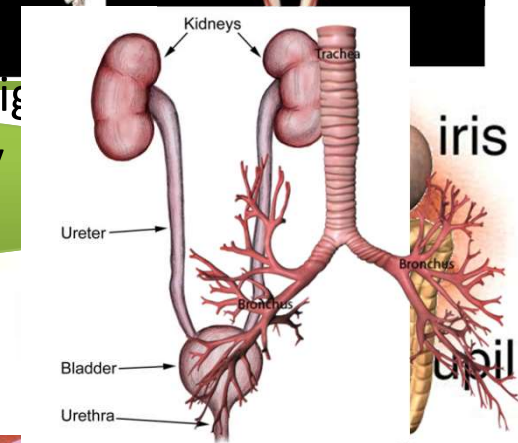
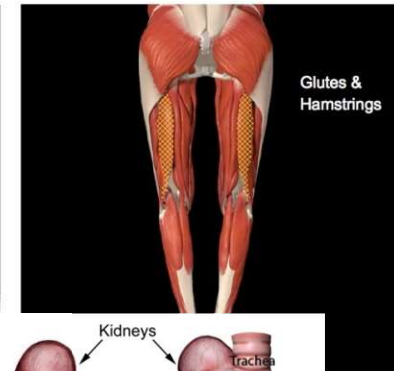
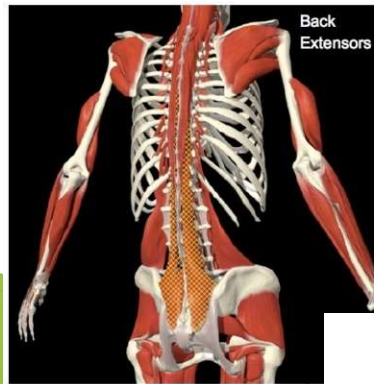
Muscles

are of two types

Voluntary

- ◆ Control the movements according to our will.
- ◆ They are mostly attached to bones and help in body movement.
- ◆ They are also called skeletal muscles.
- ◆ Under electron microscope, they show alternating light and dark bands.
- ◆ Have a thin circular structure in the middle which controls the diameter of the pupils and thus the amount of light entering the eye.
- ◆ They are cylindrical, striated and nucleated.

Involuntary



Having many nuclei