

Anatomy(2) , M105

1. Shoulder joint

- Describe the type and articulating surface of shoulder joint.
- Demonstrate the capsule and ligaments of shoulder joint.
- Illustrate the stability of shoulder joint.
- Demonstrate the nerve and arterial supply of the joint.
- Describe the movement of the joint and the moving muscles.

2. Sternoclavicular joint

- Describe the type and articulating surface of the joint.
- Enumerate ligaments of joint and explain the presence of interarticular disc.
- Illustrate the stability of joint.
- Demonstrate the nerve and arterial supply of the joint.
- Describe the movement of the joint and the moving muscles.

3. Acromioclavicular joint

- Describe the type and articulating surface of the joint.
- Demonstrate the capsule and ligaments of the joint specially the coracoclavicular ligament.
- Illustrate the stability of the joint.
- Demonstrate the nerve and arterial supply of the joint.
- Describe the movement of the joint and the moving muscles.

4. Elbow joint

- Describe the type and articulating surface of the joint.
- Enumerate ligaments and capsule of the joint.
- Illustrate the stability of the joint.
- Demonstrate the nerve and arterial supply of the joint.
- Describe the movement of the joint and the moving muscles.

5. Superior and inferior radioulnar joint.

- Describe the type and articulating surface of the joint.
- Enumerate ligaments and capsule of the joint.
- Illustrate the stability of the joint.
- Demonstrate the nerve and arterial supply of the joint.
- Describe the movement of the joint and the moving muscles.

6. Wrist joint

- Describe the type and articulating surface of the shoulder joint.
- Enumerate ligaments and capsule of the joint.
- Illustrate the stability of the joint.
- Demonstrate the nerve and arterial supply of the joint.
- Describe the movement of the joint and the moving muscles.

7- Radial Nerve Injury:

- Identify the common sites for radial nerve injury and clarify which part is injured at each site.

- Discuss different causes of wrist drop.
- Differentiate clinically between the injury of the main trunk and the injury of the posterior interosseous nerve, with special reference to the anatomical explanation.
- Illustrate origin, course, relations and branches of the radial nerve.

N.B.: Support your research with diagrams supporting each objective (as possible).

8- Carpal Tunnel Syndrome:

- Define this syndrome; list the causes, symptoms, diagnosis and main lines of treatment of this condition.
- Describe the anatomy of the carpal tunnel.
- Illustrate origin, course, relations and branches of the median nerve.
- Describe in details the distribution of the median nerve in the palm.
- Illustrate why no paraesthesia occurs over the thenar eminence.

N.B.: Support your research with diagrams supporting each objective (as possible).

9- Guyon's canal syndrome:

- Define this syndrome; list the causes, symptoms, diagnosis and main lines of treatment of this condition.
- Illustrate origin, course, relations and branches of the ulnar nerve.
- Describe in details the distribution of the ulnar nerve in the palm.

N.B.: Support your research with diagrams supporting each objective (as possible).

10- Duchenne-Erbs's palsy:

- Define this condition; list the causes, symptoms, diagnosis and main lines of treatment.

- Describe the formation of brachial plexus.
- Illustrate branches of the brachial plexus.

N.B.: Support your research with diagrams supporting each objective (as possible).