

University of Basrah
 College of medicine
 Department of anatomy ,histology and embryology

Syllabus of anatomy for the first year

A total of 40 lectures and 90 practical are given in the first year

Topics	Lectural	Hours
INTRODUCTION		
1. Importance of anatomy , definition of anatomy Anatomical position ,sub group of anatomy	Dr. Hassna	1hr
2. Terminology, terms of position ,terms of movement,planes.	Dr Hassna	1hr
3 . Body cavities &regions Dorsal cranial cavity ,thoracic cavity Abdominal and pelvic cavity.	Dr. Hassna	1hr
4 .Fascia &skin appendages Fascia ,deep fascia ,function of fascia . Skin ,epidermis ,dermis skin appendages, nail ,hair follicles ,sebaceous gland and sweat gland	Dr.Salih	1hr
5. Muscles ,tendons & ligaments Types ,function .	Dr. Salih	1hr
6. Joints ,bones and cartilages Joint definition ,classification ,synovial ,fibrous & cartiligneous ,features of synovial joint . Bones ;definition ,structures ,types . Cartilages ;definition ,structures ,types	Dr. Hassna	1hr
7. Outline of preservation of human cadavers (embalming & plastination) Chemical used ,steps , advantage and disadvantage	Dr. Hassna	1hr

UPPER LIMBS

- 8.Pectoral region :** **Dr. Hassna** **1hr**
Surface anatomy, superficial fascia Cutaneous nerves & vessels, deep fascia, types, pectoral muscles; origin, insertion, action, blood & nerve supply.
- 9. Axilla** **Dr. Hassna** **1hrs**
Boundaries, walls of axilla, contents; axillary artery, branches of axillary artery, relation of axillary artery axillary vein, brachial plexus; roots, trunks, divisions, cords and branches, axillary lymph nodes.
- 10. Muscles attaching scapula to shoulder** **Dr. Hassna** **1hr**
Superficial, deep extrinsic and intrinsic muscles; origin, insertion, action, blood and nerve supply.
- 11. Shoulder joint** **Dr. Hassna** **1hr**
Glenohumeral joint, articulation, capsule, ligament, movement, relations. Sternoclavicular joint, articulation, capsule, ligament movement.
Anastomosis around scapula and shoulder
- 12. Arm** **Dr. Mubdir** **2hrs**
Anterior fascial compartment, muscles, origin, insertion, action, nerve and blood supply
Posterior fascial compartment, muscles, origin, insertion, action, nerve and blood supply
- 13. Cubital fossa (boundaries & contents).** **Dr. Mubdir** **1hr**
Elbow joint, proximal & distal radioulnar joint
- 15. Forearm** **Dr. Hassna** **3hrs**
Osteology, fascia cutaneous nerve, venous drainage
Anterior fascial compartment; muscles, origin, insertion, action, blood and nerve supply
Posterior fascial compartment; muscles, origin, insertion, action, blood and nerve supply.
Lateral fascial compartment; muscles, origin, insertion, Action, nerve and blood supply.
Peripheral nerves injury.

- 16. The wrist** **Dr.Salih 1hr**
**Flexor retinaculum, flexor synovial sheath ,
 extensor retinaculum ,extensor synovial sheath ,
 anatomical snuff box ,wrist joint.**
- 17. The hand** **Dr.Salih 2hrs**
**The palm ,muscles,thenar and hypothenar ,small muscles
 Arteries, Nerves, dorsum of the hand ,
 Joints of the hand ,carpal bones.**
- LOWER LIMBS**
- 18.Gluteal region** **Dr.Mubdir 2hrs**
**Skin ,fascia, muscles ,vessels , nerves.
 lateral rotator of the thigh at hip joint.
 Trochantric anastomosis.
 Hip joint.**
- 19. The thigh** **Dr. Mubdir 3hrs**
**The back of the thigh ,hamstring compartment
 Skin, muscles ,origin ,insertion ,action ,blood and
 nerve supply ,
 The front of the thigh ,muscles ;origin ,insertion ,action ,
 blood and nerve supply .
 Femoral hernia, femoral sheath and femoral triangle .
 Adductor compartment ;muscles ,origin ,insertion ,action ,
 Blood and nerve supply . Adductor canal .**
- 20. Knee joint** **Dr. Hassna 1hr**
**Osteology , articulation ,capsule ligament,intra and
 extra capsular ligament , menisci ,synovial membrane ,
 bursa ,nerve supply ,anastomosis around knee joint , movement .
 Popliteal fossa ; boundaries and content.
 Tibiofibular joint ;proximal 7 distal ,type ,articulation
 Capsule ,ligaments ,nerve supply ,movements .**
- 21. The leg** **Dr. Hassna 3hrs**
**Surface anatomy ,superficial fascia ,cutaneous nerve ,
 superficial vein ,deep fascia .
 Fascial compartment ;
 Anterior compartment ;muscles ,origion ,insertion ,
 action ,nerve and blood supply .
 Posterior compartment :muscles ,origin ,insertion ,**

action ,blood and nerve supply .
Lateral compartment ; muscles ,origin ,insertion ,
action ,blood and nerve supply.
Calf pump mechanisms, varicosity of vein of lower limb .
Peripheral nerve injury ,foot drop .

21. The ankle Dr. Salih 1hr
Rretinaculum;flexor ,extensor and peroneal retinaculum
Ankle joint ;Articulation ,relation ,ligaments ,movement .
22. The foot Dr Hassna 2 hrs
Dorsum of the foot ;muscles ,origin ,insertion ,action ,
blood and nerve supply .
Plantar aponeurosis
Layers of the sole of the foot ;muscles, arteries , veins and
nerves.
Subtalar joint
Joint of the foot ;calcaneocuboid ,cuneonavicular ,
cuboidonavicular joints .
Arches of foot .
23. THORAX Dr.Mazin 8 hrs
Surface anatomy ,ribs true ,false ,flouting,typical
and atypical ribs
The mediastinum;superior , inferior and contents
Pericardium ;fibrous and serous ,pericardial sinuses
Heart chambers , papillary muscles ,valves ,skeleton of
the heart, conductive system , coronary arteries ,veins
of the heart .
The lung ,parietal and visceral plura ,surfaces
Lymphatic.
The diaphragm; parts ,openings ,function.