

## First practical

### Bones of the Lower Limb (I)

#### Hip Bone

#### I) Lateral View

1. Iliac crest

2. Anterior superior iliac spine

3. Anterior inferior iliac spine

4. Posterior superior iliac spine

5. Posterior inferior iliac spine

6. Greater sciatic Notch

7. Ischial spine

8. Lesser sciatic notch

9. Gluteal surface

- Posterior gluteal line
- Anterior (middle) gluteal line
- Inferior gluteal line

10. Body of ilium

11. Acetabulum

12. Acetabular notch

13. Obturator foramen

14. Superior ramus of pubis

15. Body of pubis

• Pubic tubercle

16. Inferior Ramus of pubis

17. Ischiopubic ramus

18. Ramus of ischium

19. Ischial tuberosity

II) **Medial View**

***20. Iliac fossa***

- ***Iliac tuberosity***
- ***Auricular surface***

**21. Superior ramus of pubis**

- **Pectineal Line**

**22. Body of pubis**

- **Pubic crest**
- **Symphyseal surface**

Note:

It is very important to understand the anatomical position of the hip bone, in anatomical position:

1-The **Anterior superior iliac spine and the pubic tubercle lie in the same vertical plane.**

2- The **ischial spine and the upper border of the Symphysis pubis lie in the same horizontal plane.**

The hip bone is formed by the union of the Ilium, Ischium and Pubis. The two hip bones articulate at the midline anteriorly at the Symphysis pubis. Posteriorly, they are separated by the sacrum forming the sacro-iliac joint. The two hip bones with the sacrum and coccyx constitute the pelvis.

## Femur

### **I)Upper end**

1. Head
2. Fovea of head (fovea capitis)
3. Neck
4. Greater trochanter
5. Trochanteric fossa
6. Intertrochanteric line
7. Lesser trochanter
8. Intertrochanteric crest

### **II)Shaft**

1. Gluteal tuberosity
2. Linea aspera
3. Pectineal line

### **III)Lower end**

4. Medial supracondylar line
5. Lateral supracondylar line
6. Medial epicondyle
7. Lateral epicondyle
8. Medial condyle
9. Lateral condyle
10. Intercondylar fossa
11. Patellar surface
12. Adductor tubercle

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**Anatomy Course for First-year Medical Students-Practical Sessions**