

PTA/OTA 106 Regional A & P Unit 3

Upper and Lower Extremities

GBlevins/Fall 2015



Hip (Iliofemoral) Joint

A. Ligaments:

Iliofemoral ligament
Ischiofemoral ligament
Zona orbicularis
Sacrotuberous ligament

Pubofemoral ligament
Ligament of the head
Transverse ligament of the acetabulum
Inguinal ligament

B. Bursae:

Trochanteric bursa
Gluteofemoral bursa

Ischial bursa

C. Cartilage:

Acetabular labrum

Articular cartilage of head of femur

D. Articular capsule:

Synovial membrane

Fibrous layer

E. Bones:

Os coxa:

Pubis portion:

Superior pubic ramus
Symphysis pubis
Acetabulum
Pubic crest

Inferior pubic ramus
Obturator foramen
Pubic (or suprapubic) arch

Ischium portion:

Ischial tuberosity
Lesser sciatic Notch

Ischial spine
Greater sciatic notch

Ilium Portion:

Iliac crest

Iliac fossa

Iliac spines:

Anterior superior

Anterior inferior

Posterior superior

Posterior inferior

Femur:

Head

Neck

Greater trochanter

Lesser trochanter

Linea aspera

Pectineal Line

Adductor tubercle

F. Clinical concerns:

Total Hip replacement

G. Surface Anatomy:

Gluteal fold

Gluteal sulcus

Supracristal plane

Intergluteal cleft

Sacrum

Anterior superior iliac spine

Posterior superior iliac spine

Iliac crest

Tip of Greater trochanter

Inguinal ligament

H. Muscle information from List

Psoas Major

Iliacus

Adductor Brevis

Semimembranosus

Rectus Femoris

Adductor magnus

Semitendinosus

Sartorius

Gracilis

Biceps femoris

Pectineus

Gluteus maximus

Gluteus medius

Adductor longus

Tensor fascia latae

(PTA 106 Students only)

Gluteus minimus

Piriformis

I. Nerves:

Femoral nerve

obturator nerve

Sciatic nerves

Superior gluteal nerve

Inferior gluteal nerve

Common peroneal nerve

J. Arteries:

Femoral artery

Superior gluteal artery

Inferior gluteal artery

Obturator artery

Lateral circumflex femoral artery

Medial circumflex femoral artery

Deep femoral (Profunda) artery

K. Veins:

Femoral vein

Great saphenous vein

Profunda femoral vein

