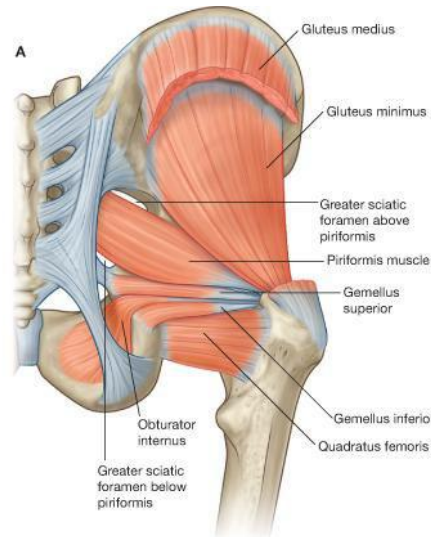




HIP Part 2 (posterior compartment)

preview from Notesale.co.uk
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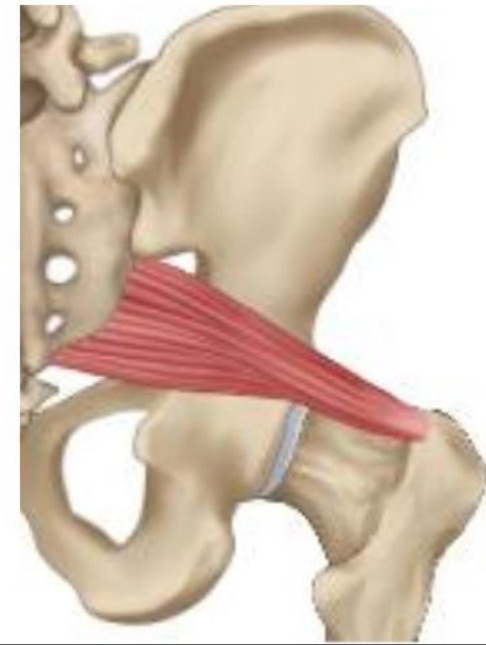
Piriformis:

Origin:

- Anterior surface of middle 3 sacral pieces.

Insertion:

- Upper border of greater trochanter of femur (it passes through the greater sciatic foramen).



Actions of the 6 small muscles:

- They **rotate** the thigh at the hip joint laterally (they are called the **lateral rotators** of the hip joint) (they cross **behind** the hip joint).
- They **stabilize** the **hip** joint (specially **during abduction** of the thigh).
- They **help** also in **horizontal extension** of the thigh at the hip joint.



Applied anatomy:

SAFE AREA FOR INTRAMUSCULAR INJECTION

- Intramuscular injection enables a large amount of a drug to be introduced at once but absorbed gradually.
- The injection site must be carefully selected to avoid injury to the underlying large vessels and nerves.

Outer upper quadrant of the buttock is the safe area for intramuscular injection to avoid injury to the underlying sciatic nerve

