

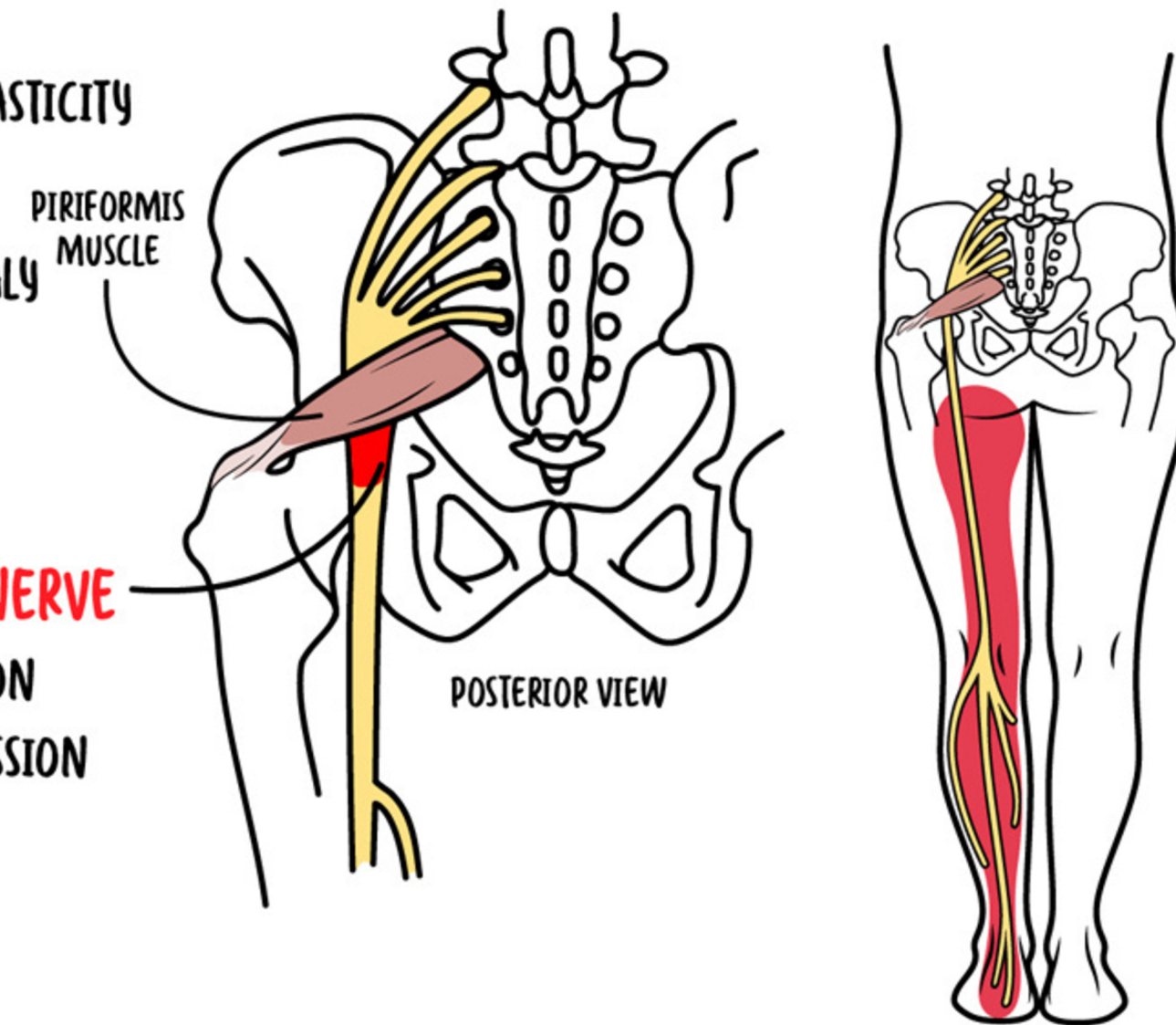
PIRIFORMIS SYNDROME

CAUSATIVE FACTORS

- ABNORMAL TENSENESS / SPASTICITY
- TRAUMA AND OVER-USE
- MUSCLE AND NERVE ANOMALY

SCIATIC NERVE

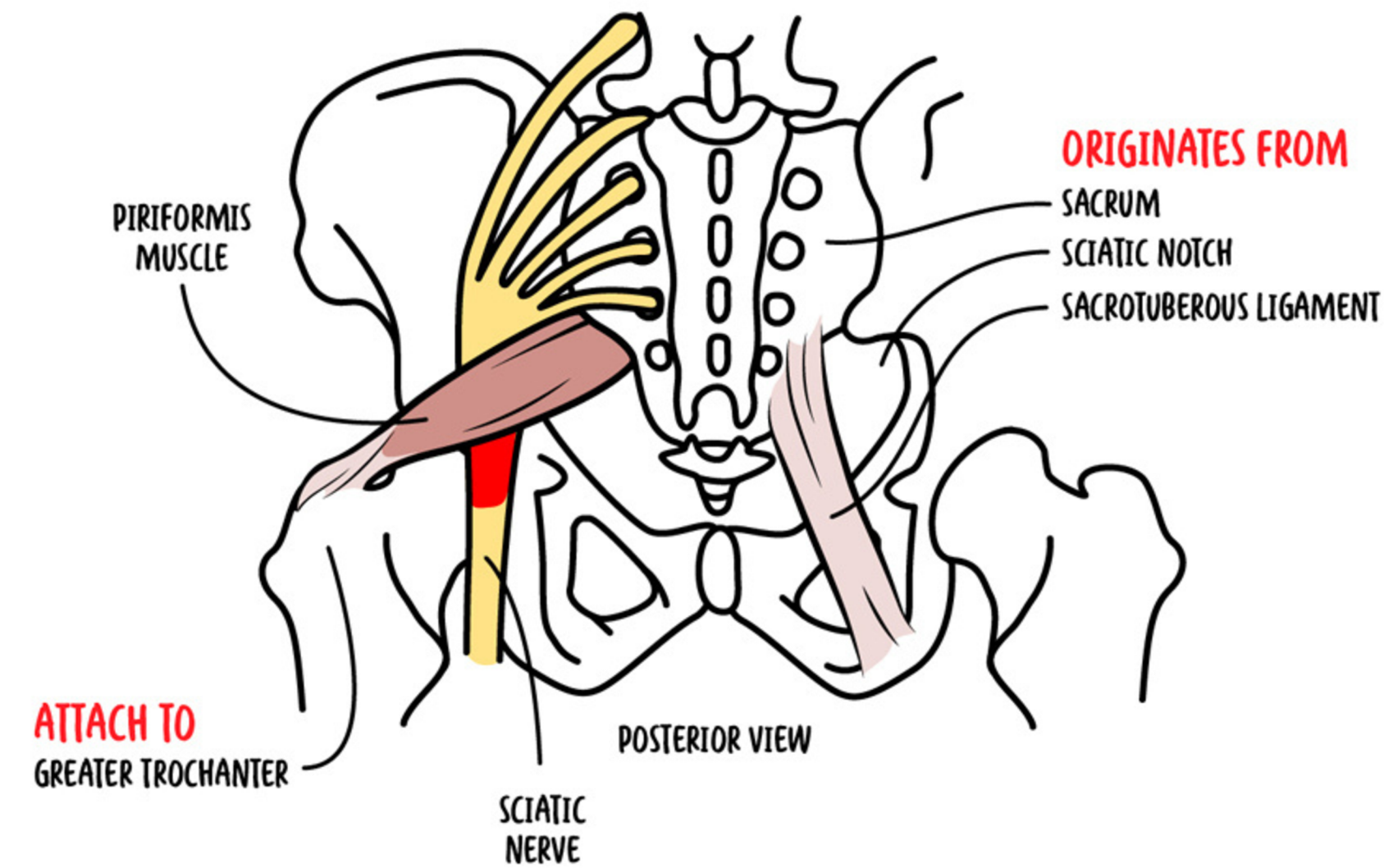
- IRRITATION
- COMPRESSION



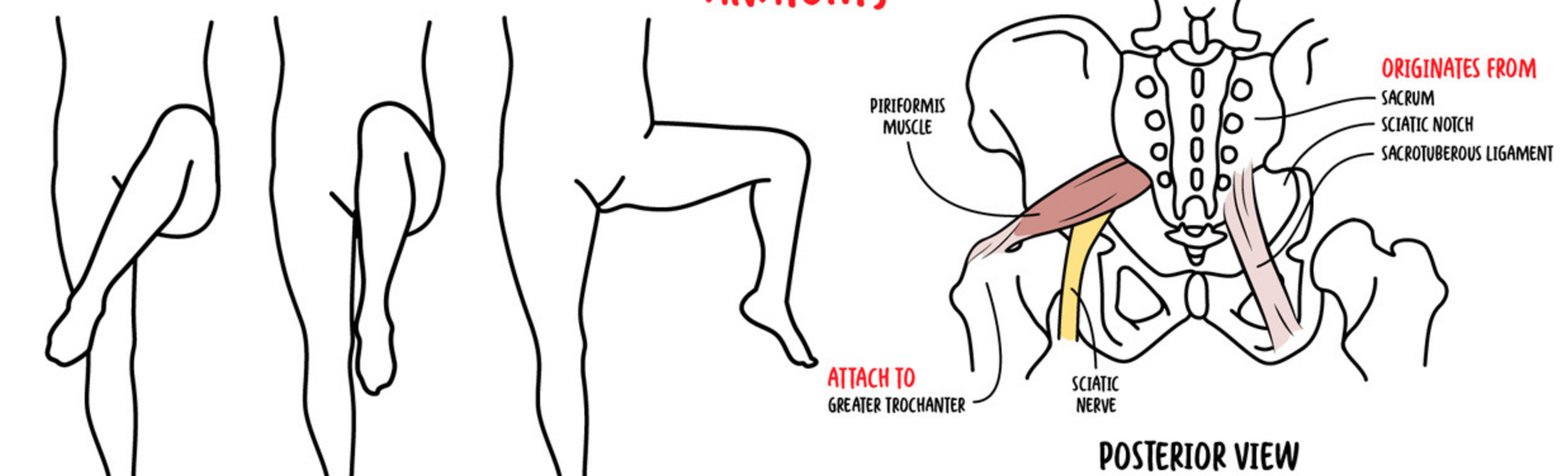
CHARACTERIZED BY

- TINGLING
- NUMBNESS
- PAIN

ANATOMY



ANATOMY



MAIN ACTION

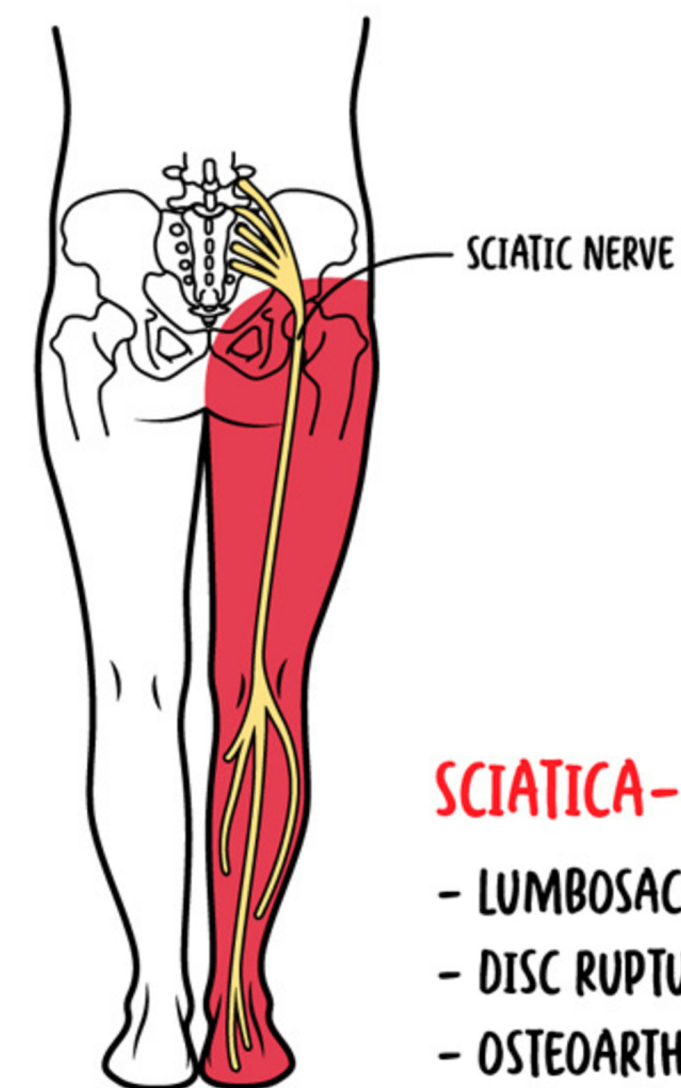
- EXTERNALLY ROTATION OF THE HIP
- HIP ABDUCTION (HIP IS IN A FLEXED POSITION)

EXTERNAL
ROTATION
(HIP FLEXION)

HIP FLEXION

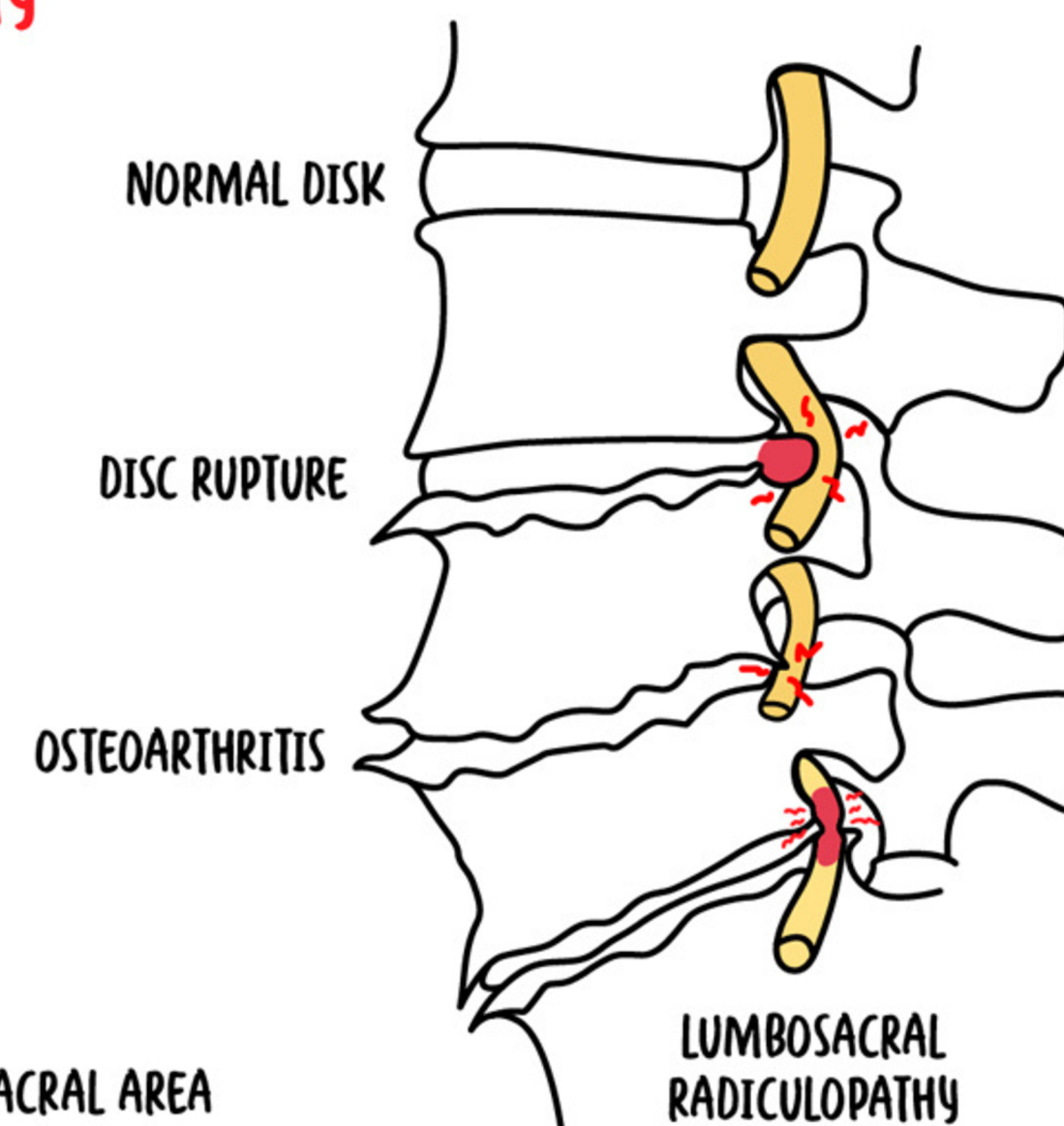
ABDUCTION
(HIP FLEXION)

ANATOMY

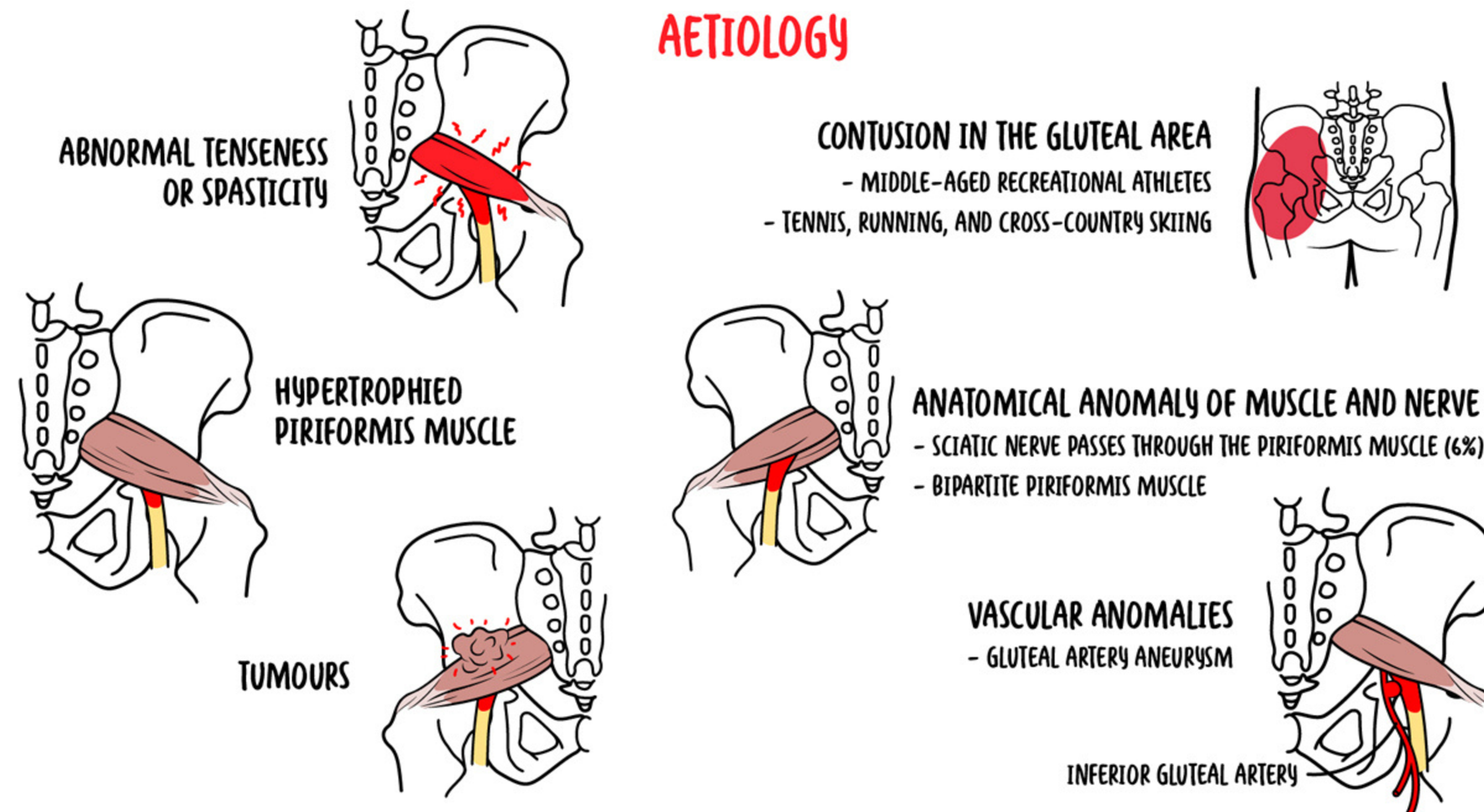


SCIATICA-LIKE PAIN

- LUMBOSACRAL RADICULOPATHY
- DISC RUPTURE
- OSTEOARTHRITIS TO THE LOWER LUMBOSACRAL AREA



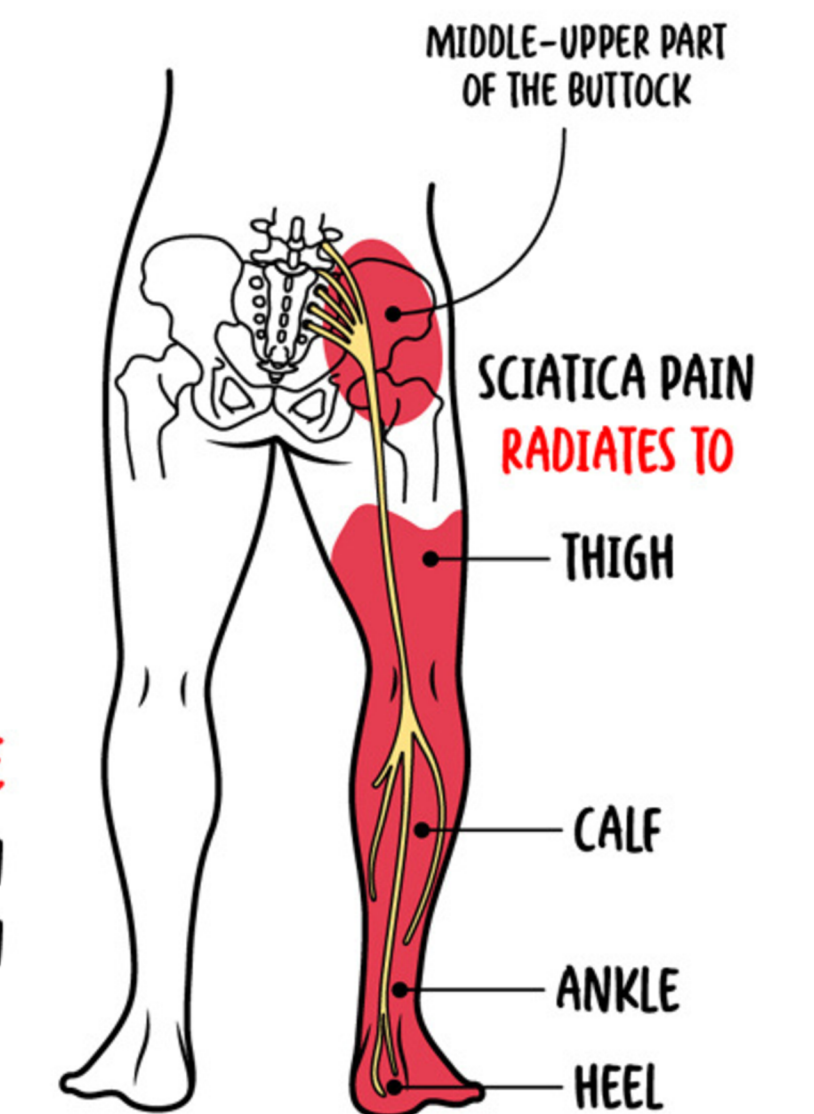
AETIOLOGY



HISTORY

PAIN

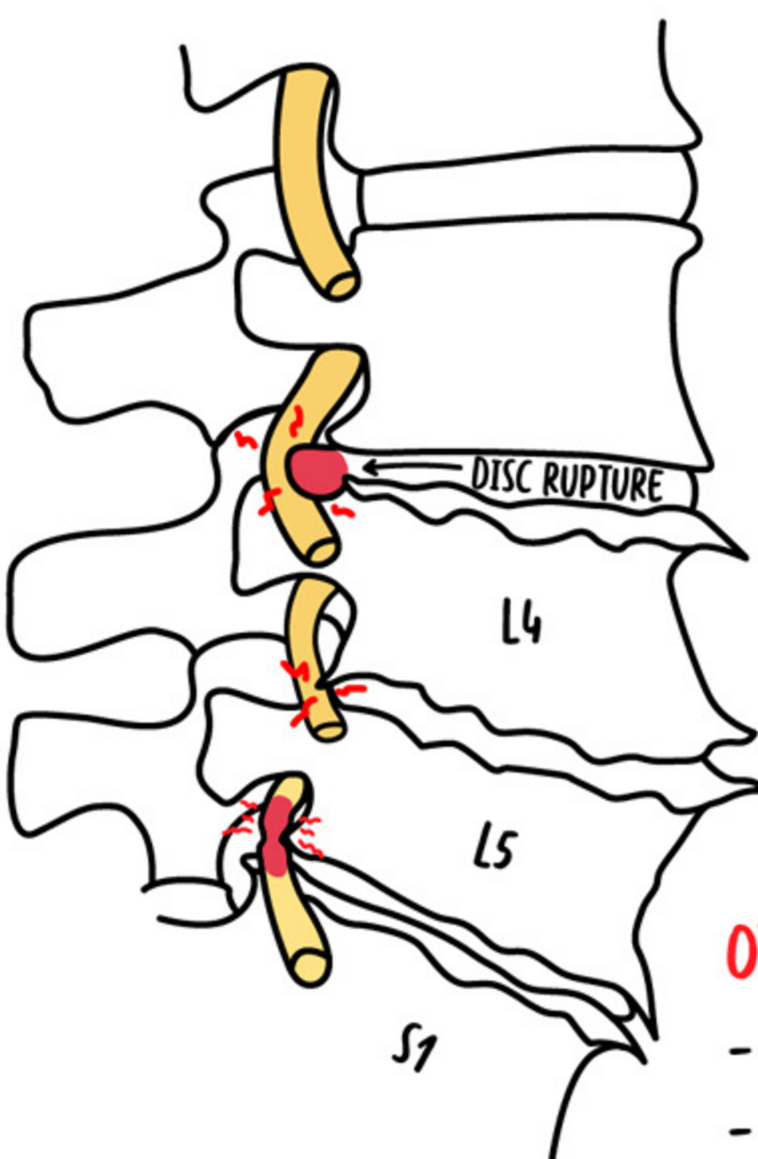
DURING AND AFTER PHYSICAL EXERCISE
NIGHT PAIN



POSTURE

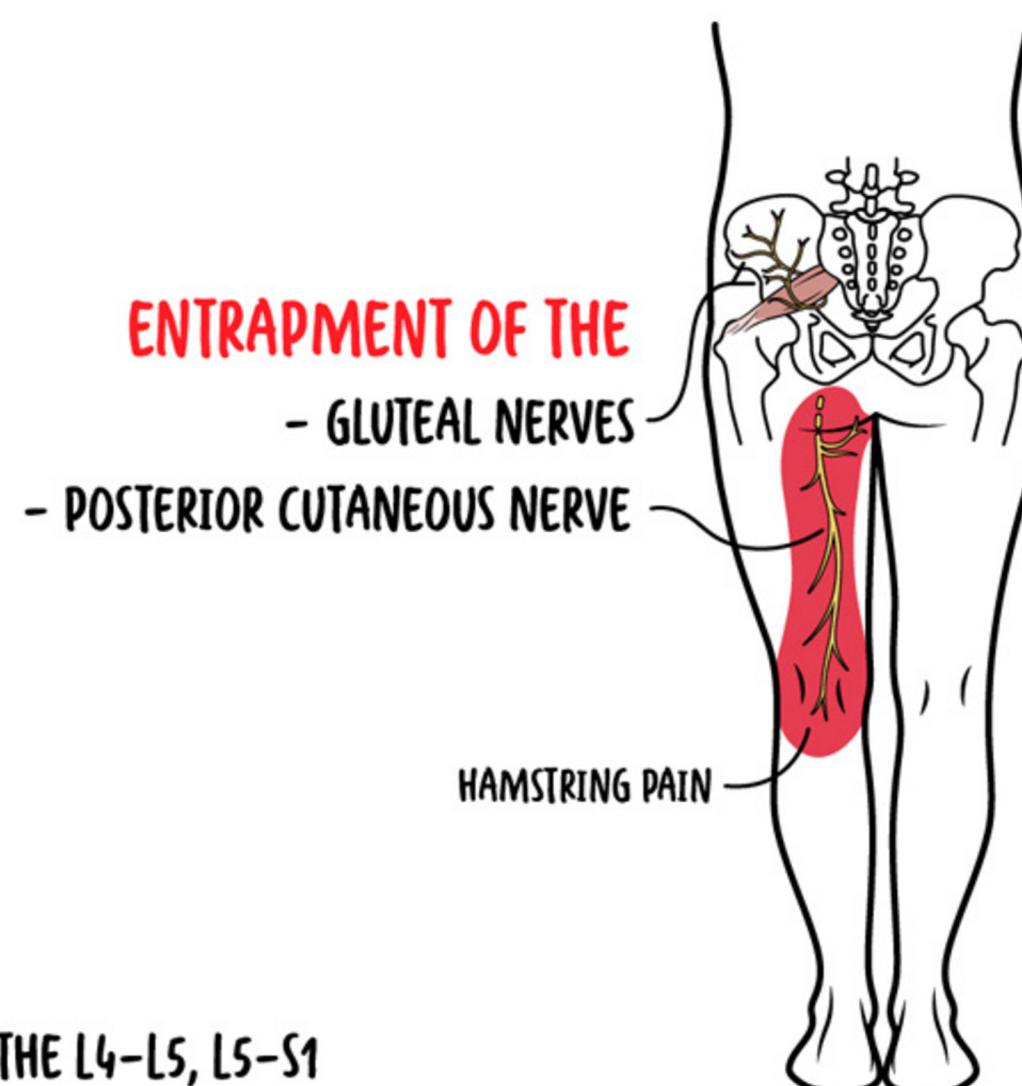
SEMIFLEXION
EXTERNAL ROTATION

DIFFERENTIAL DIAGNOSIS

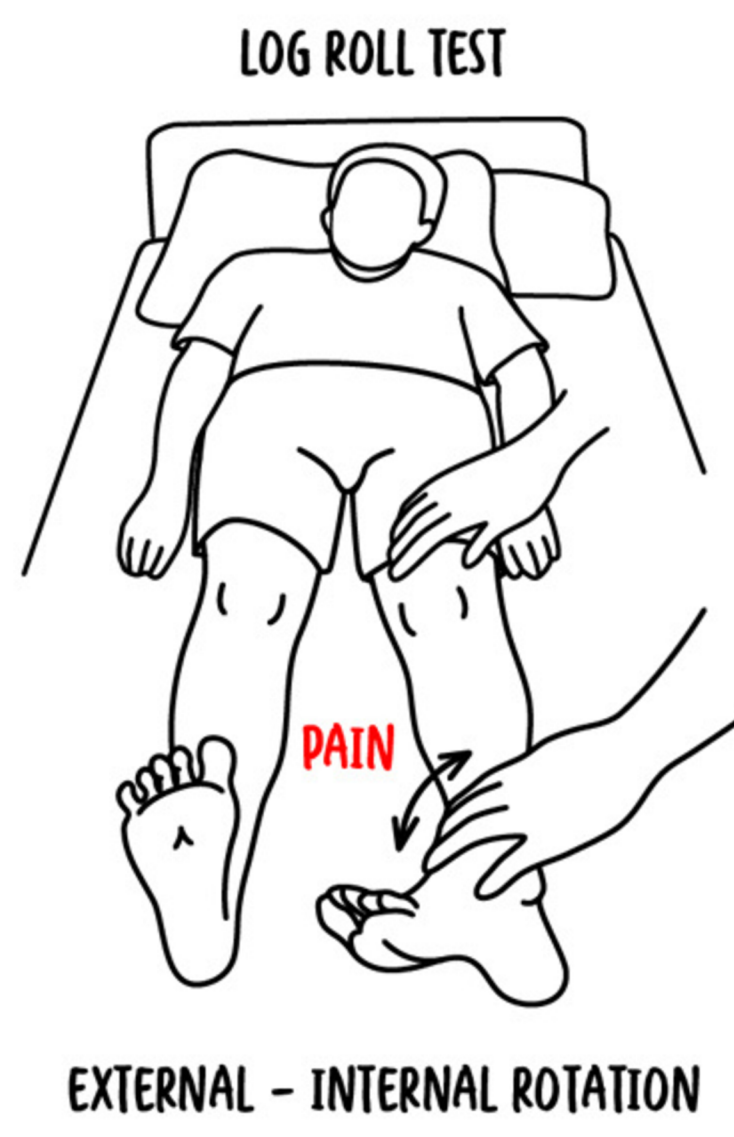
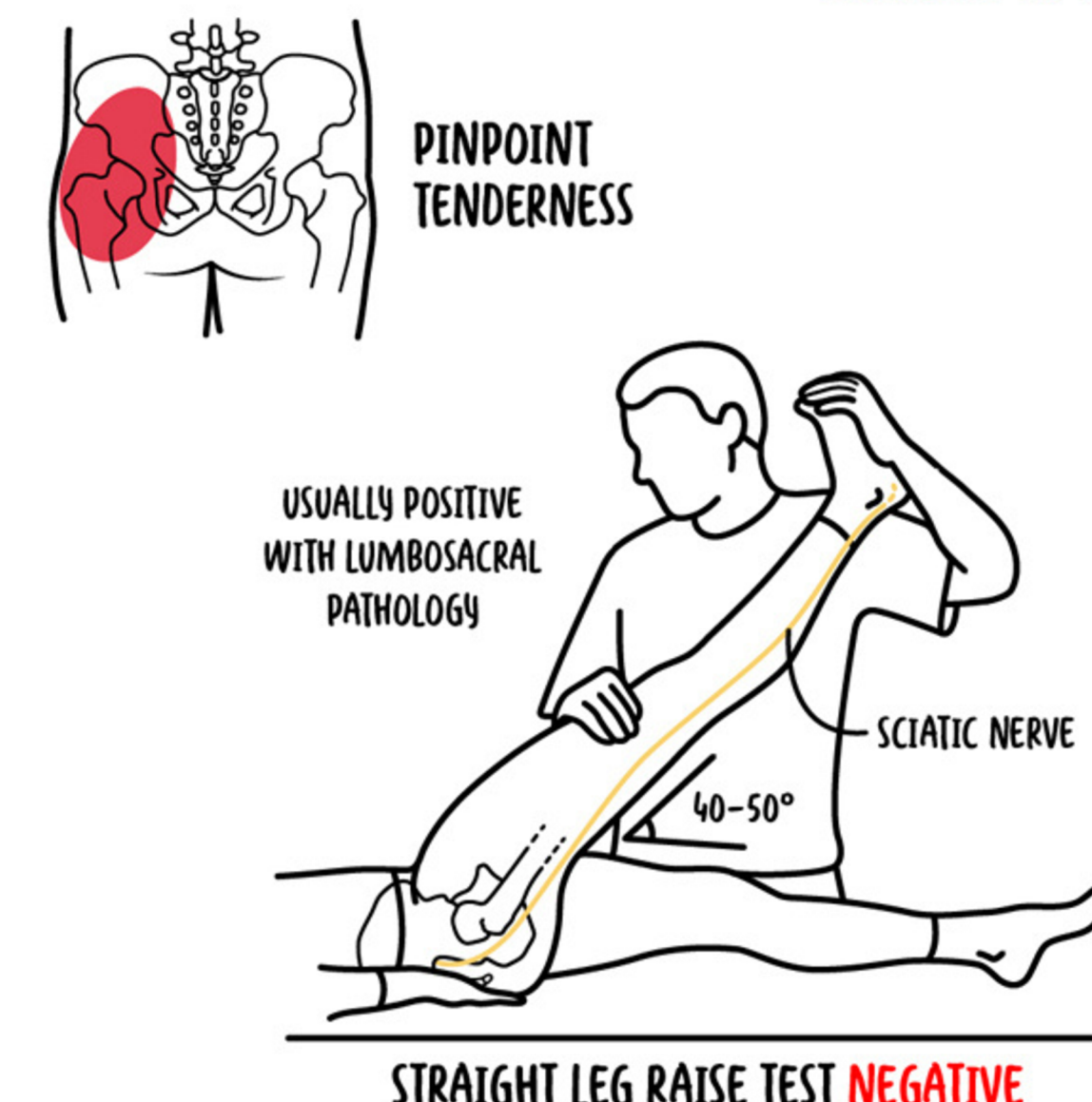


OTHER CAUSES

- DISC RUPTURE
- OSTEOARTHRITIC CHANGE AT THE L4-L5, L5-S1



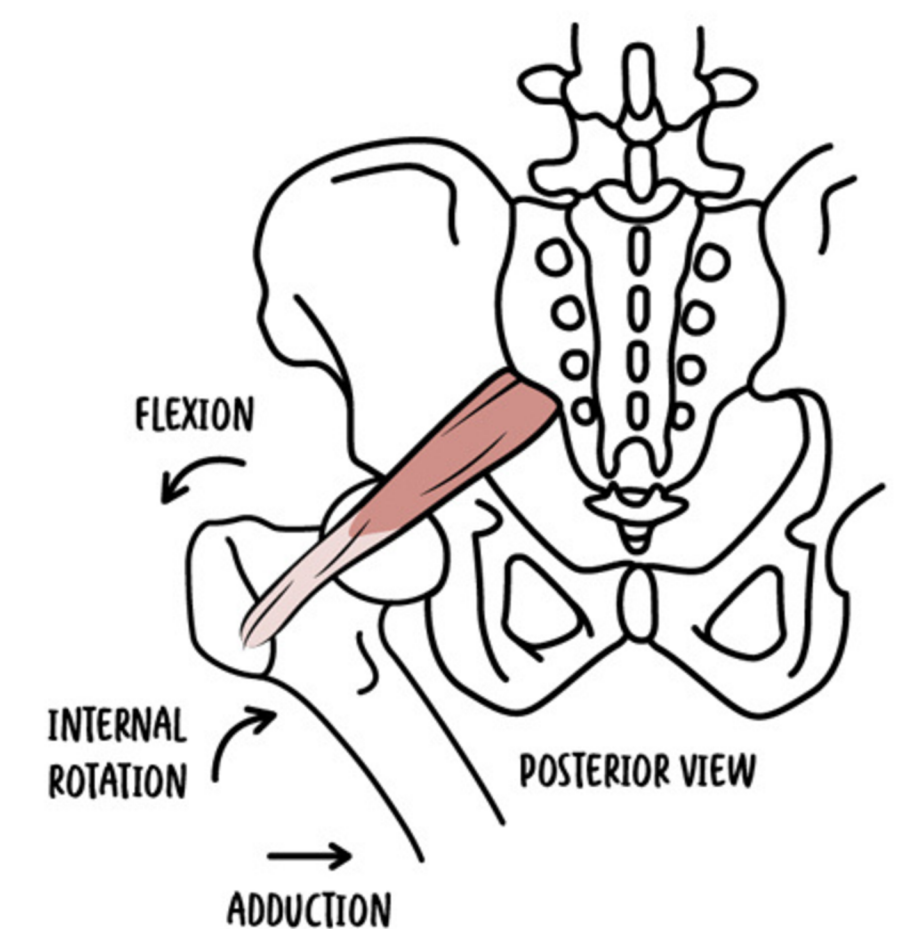
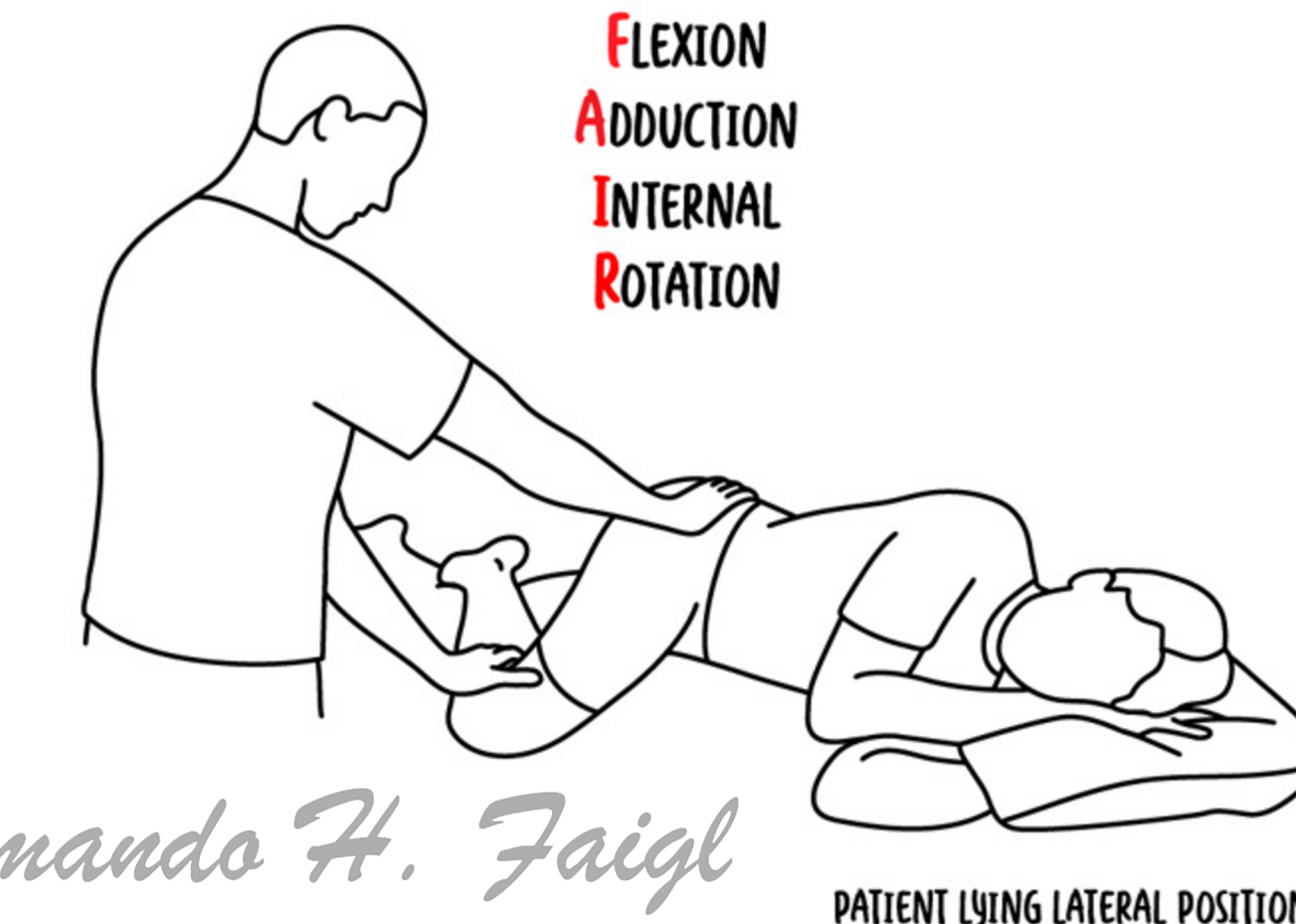
CLINICAL EXAMINATION



CLINICAL EXAMINATION

FAIR MANEUVER

FLEXION
ADDUCTION
INTERNAL
ROTATION

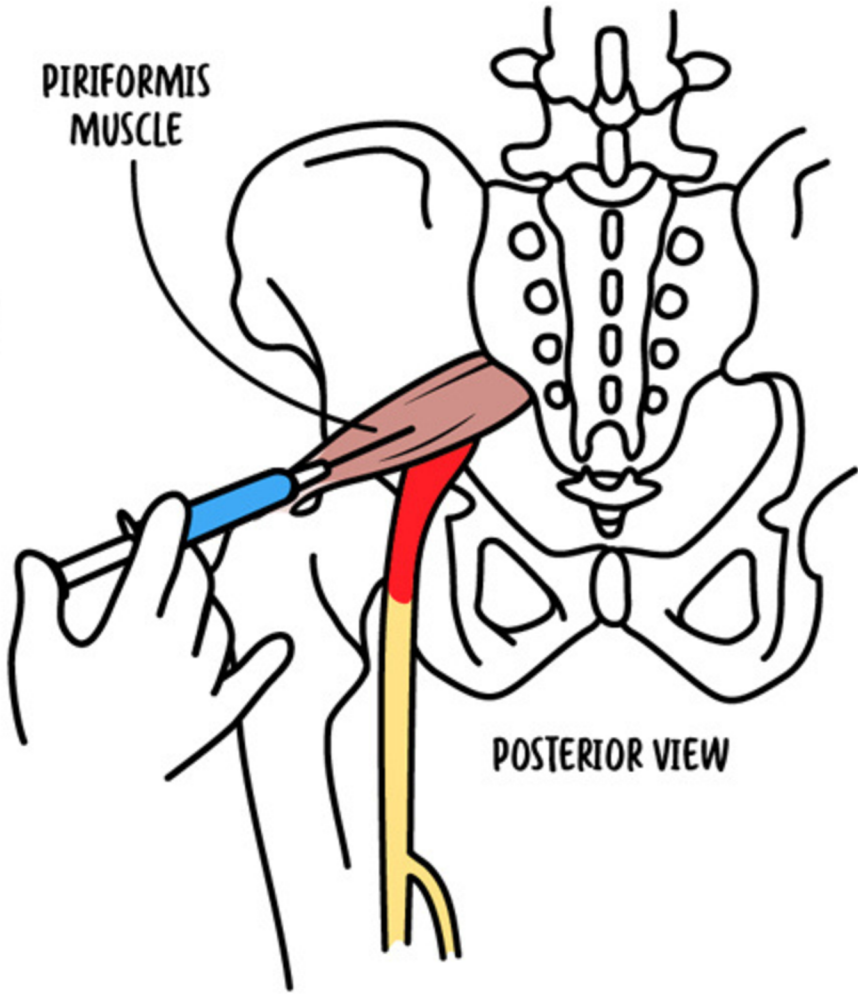


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CLINICAL EXAMINATION

REFLEXES
MOTOR FUNCTIONS
SENSATIONS

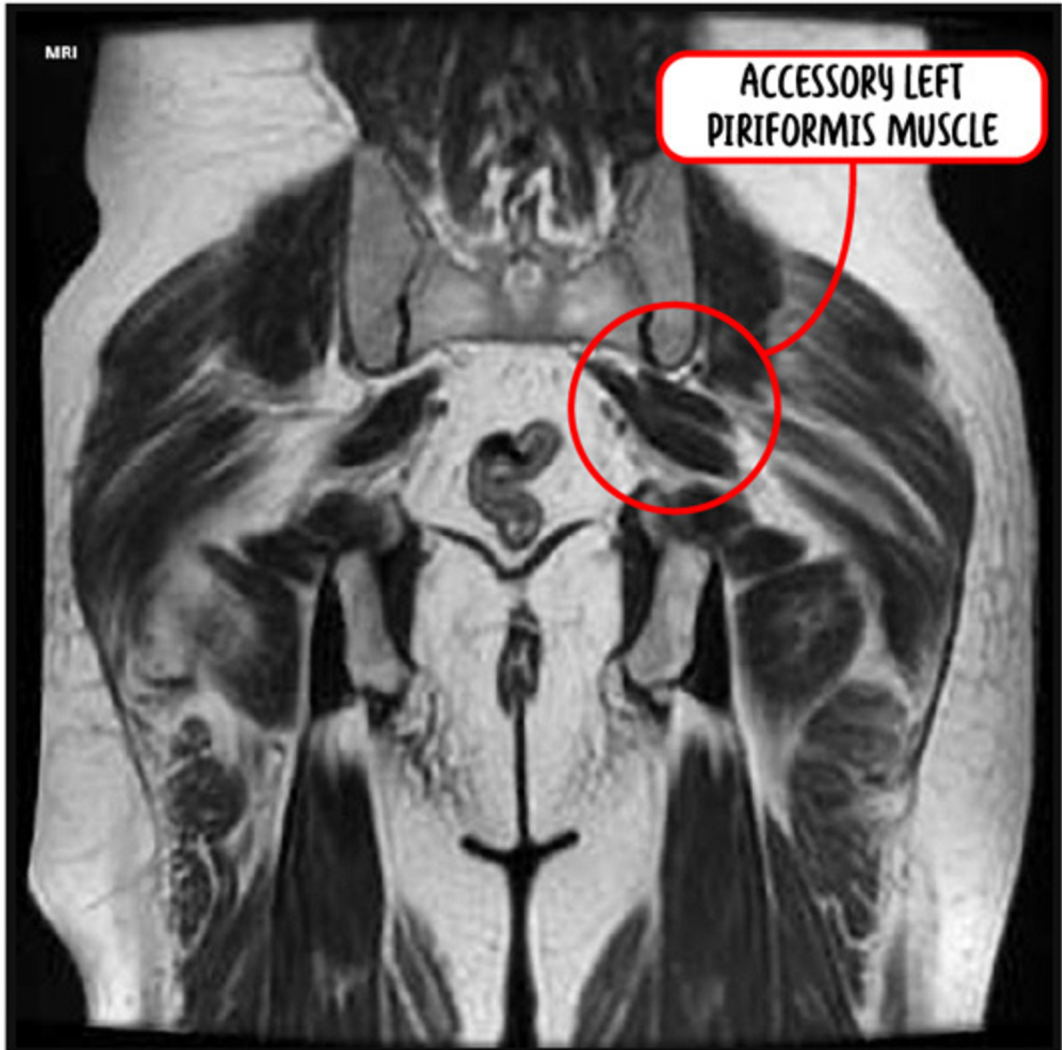
LOCAL ANAESTHETIC INFILTRATION TEST
POSITIVE -> PAIN DISAPPEARS



INVESTIGATIONS

ELECTRONEUROMYOGRAPHY (ENMG)
DISTAL RADICULOPATHY CHANGES OF PROXIMAL,
BUT NOT LUMBAR NERVE ROOTS

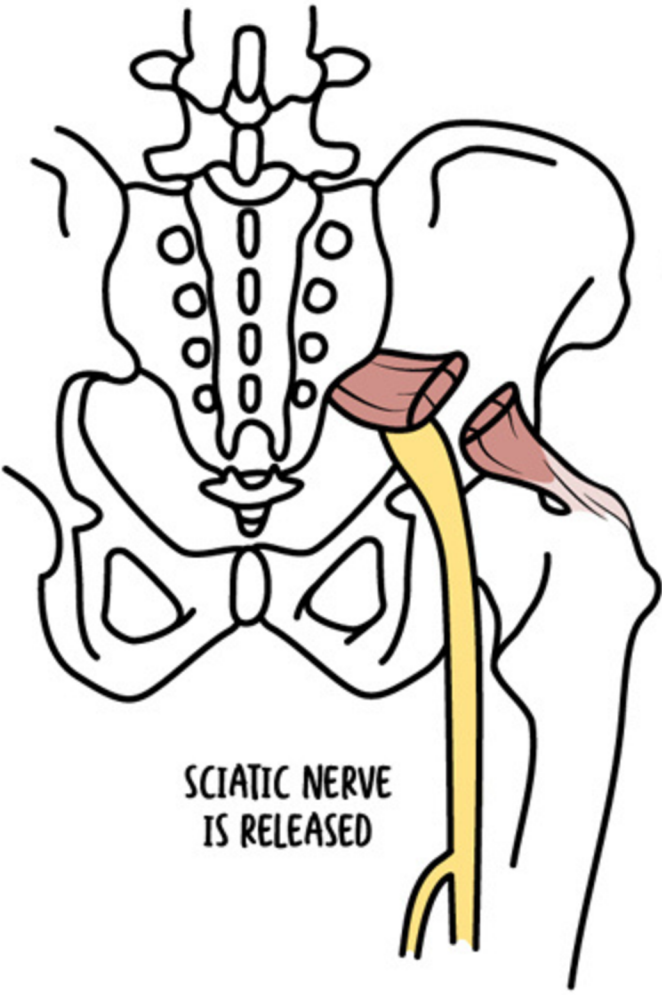
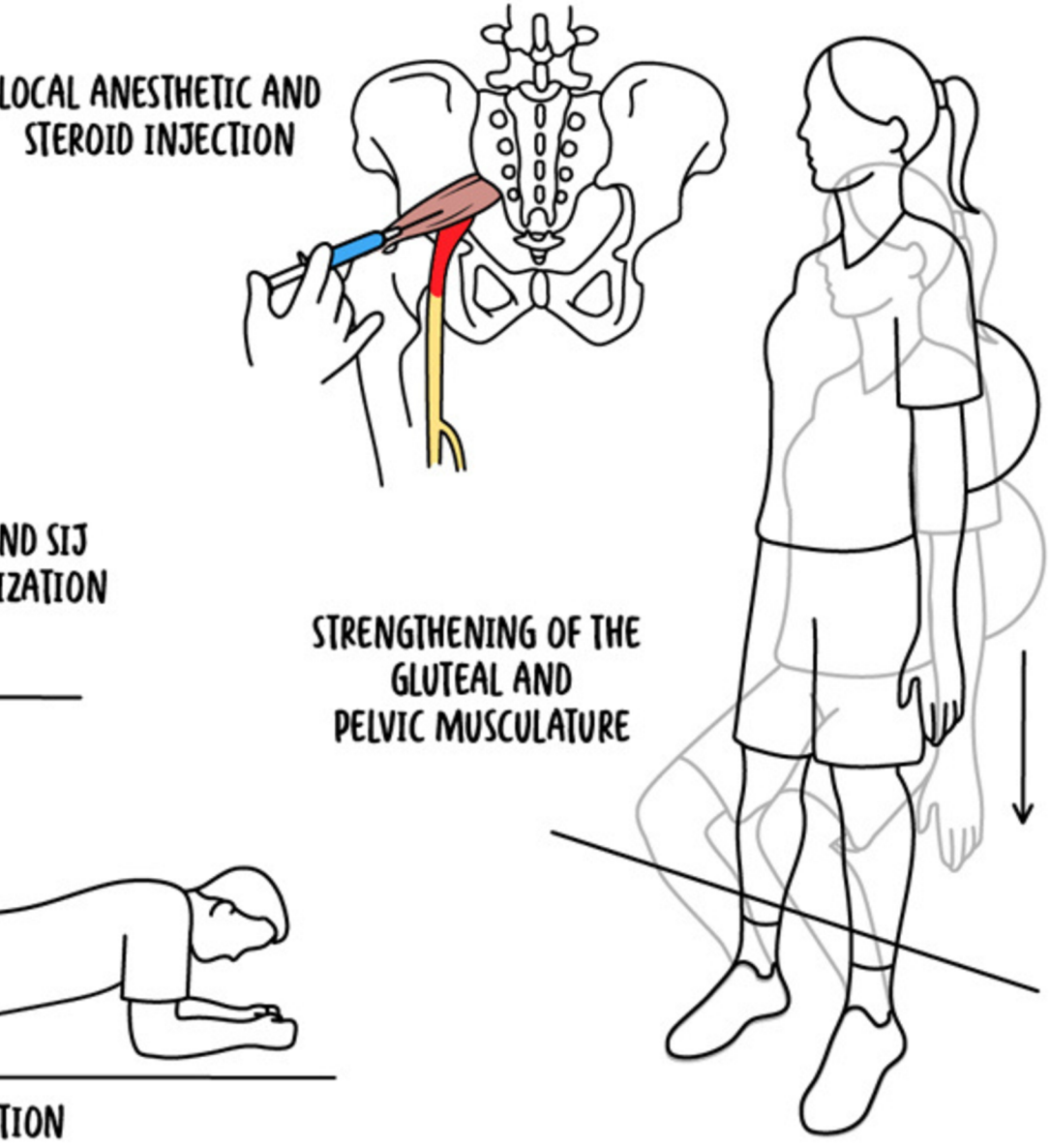
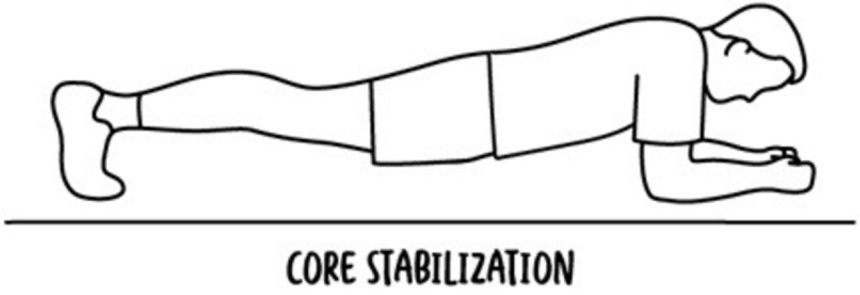
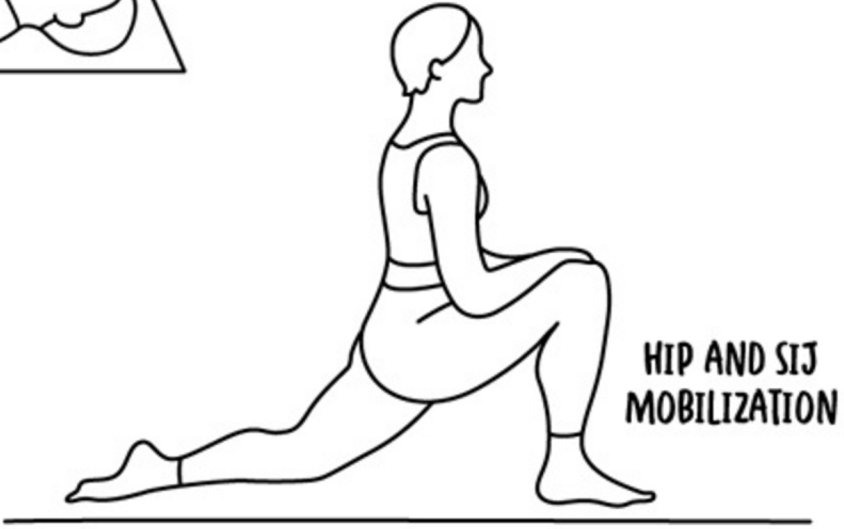
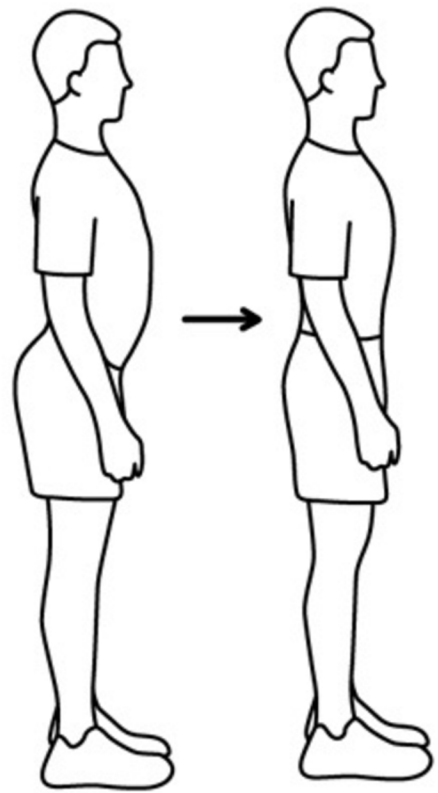
MRI SCAN
SIZE AND THICKNESS
SIDE DIFFERENCE
ANOMALIES



* CASE CONTRIBUTED BY HEBBA ABDELMONEM

Armando H. Faiql

CONSERVATIVE MANAGEMENT



SURGICAL MANAGEMENT
FAILURE OF CONSERVATIVE MANAGEMENT
RESULTS ARE GOOD OR EXCELLENT IN 50-85 % OF CASES