

Biomechanical Assessment for the Prevention of Musculoskeletal Disorders in Football Player

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Biomechanical Assessment

Foot:

Gait

Bare foot

Ankle

Knee

Pelvis

Spine:

Lumbar

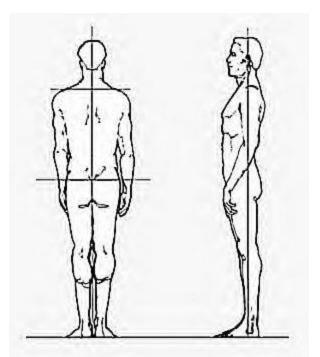
Lower thoracic

Upper thoracic

Cervical

Shoulder

Head









Correct Head Posture



Forward Head Posture













Hyper Kyphosis Hyper Lordosis



Normal spine



Lordosis of the spine



Kyphotic spine



Normal spine



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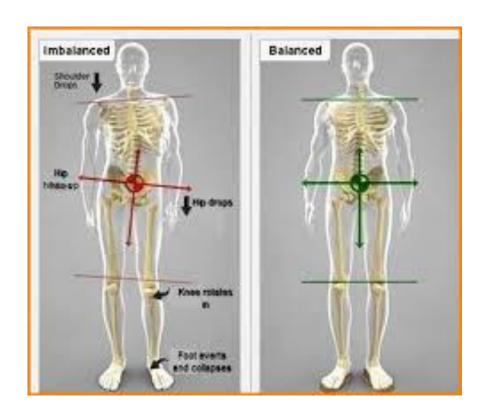
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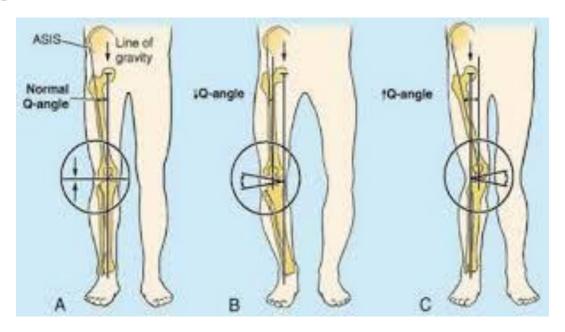


Imbalanced



Genovarum Genovalgum







Plantar Scan:

- Pes Planus
- Pes Cavus
- Pronation
- Supination

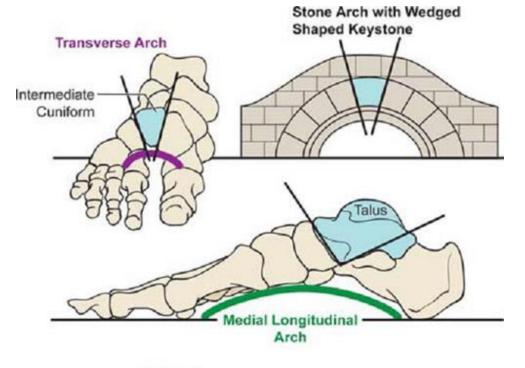




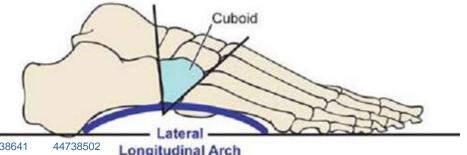
Newton's third law of motion states that if one object exerts a force on another object, then the second object exerts a force of equal strength in the opposite direction on the first object.



Biomechanics in Football









Foot Orthotics



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Foot Orthotics



Costom-made

Foot scan
Design
C.N.C Produce











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Right Foot 8641 44738502



Thank you

