

Pathophysiology Of Adult Acquired Flatfoot Deformity

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Adult acquired flatfoot deformity (AAFD) is a painful and debilitating chronic foot and ankle condition. It is characterized by flattening of the medial longitudinal arch and dysfunction of the posteromedial soft tissue of the foot and ankle. Posterior tibial tendon dysfunction was initially thought as the cause of flatfoot deformity. However, recent evidences suggest that the pathophysiology of acquired flatfoot deformity in adult is more than just dysfunction of the posterior tibial tendon, thus term Adult Acquired Flatfoot Deformity (AFFD) was coined as to recognize the complexity of the condition.

This lecture will cover the anatomy and biomechanical aspect of the normal foot and ankle and the changes that occur in AFFD with its corresponding clinical manifestation.