Review Article

Modern Theory of the Development of Adult Acquired Flat Foot and an Updated Spring Ligament Classification System

Chandra Pasapula^{1*} and Steven Cutts²

¹Department of Orthopaedics, Queen Elizabeth Hospital, United Kingdom

²Consultant orthopaedic surgeon, Great Yarmouth hospital, Canada

Abstract

*Corresponding author: Chandra Pasapula, Department of Orthopaedics, Queen Elizabeth Hospital, United Kingdom, Tel: +441216272000; E-mail: cpasapula@yahoo.com

Received August 26, 2017; Accepted September 19, 2017; Published September 29, 2017

Citation: Pasapula C, Cutts S (2017) Modern Theory of the Development of Adult Acquired Flat Foot and an Updated Spring Ligament Classif cation System. Clin Res Foot Ankle 5: 247. doi: 10.4172/2329-910X.1000247

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Clin Res Foot Ankle

ISSN: 2329-910X CRFA, an open access journal

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tight gastrocsoleus/ tendoachillies and failed spring ligament. ese components need to be identi ed and assessed individually. ese can be evaluated clinically and a recent clinical test has also been described for the assessment for the spring ligament complex [8].

Towards a New eory of Plano Valgus Foot

e authors believe the spring ligament is the most important issue in Acquired Adult at foot and tibialis posterior synovitis occurs as a secondary synovitis. It is most likely the primary failing structure in the AAFD. Biomechanical factors may in uence (poor collagen state and obesity and pre-existing planovalgus foot) its early failure. is then drives a mechanically overload of the tibialis posterior leading to its synovitis/dysfunction. is is akin to peroneal overload/dysfunction in pes cavus where peroneous brevis tendon becomes synovitic due to biomechanical overload. We therefore believe that stage 2 atfoot—

Clin Res Foot Ankle

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early stage have probably had no e ect on the natural history of the disease. Bony fusion is e ective but is associated with a loss of dynamic movement in the hind foot and increased pressure on adjacent joints leading to further degenerative changes. e emphasis should be

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ISSN: 2329-910X CRFA, an open access journal