

Criteria for Abnormal Pronation Five criteria are used to determine whether pronation is abnormal. Unnecessary destructive compensatory motion occurs in the other planes of motion of the STJ. 4 Causes of Abnormal Foot Mechanics Three pathological situations contribute to abnormal foot mechanics: structural malalignment, muscle weakness or imbalance, and loss of structural integrity. STJ pronation is more than the normal 4 to 6 degrees. 4,27,36,75 2.3.4.5.