



## Clinical Analysis of Various Adult Foot Types: How Foot Type Affects Function and Influences Musculoskeletal Pathologies

2 Day Program - 15 Contact Hours

### Student Objectives:

1. The student will identify the basic biomechanical principles of the foot and lower extremity as a function of gait and recognize the affect pathological foot conditions have upon normal gait.
2. The student will demonstrate the ability to reliably find subtalar neutral position.
3. The student will demonstrate the ability to assess the level of uncompensation of a rearfoot varus deformity and the flexibility of a forefoot varus deformity.
4. The student will be able to differentiate between a compensated and uncompensated rearfoot varus deformity.
5. The student will demonstrate the ability to accurately take a subtalar neutral impression cast.
6. The student will demonstrate the ability to select the correct casting method for optimal orthotic outcomes.
7. The student will demonstrate the ability to differentiate between common pathological foot-types.
8. The student will demonstrate the ability to select the appropriate orthotic design and selection based on pathological foot-type.
9. The student will recognize the relationship between pathomechanical foot types and various differentially diagnosed foot conditions.
10. The Student will be able to capture a digital video and perform slow motion gait analysis to accurately interpret a subject's foot type.