Frame Modifications - Frame Attributes

Information Provided By Kevin Orthopedic Institute

Width of Frame

Overall width of orthotic frame to accommodate various shoe gear

FUNCTION:
- Proper fit and coupling with shoe gear

CLINICAL INDICATIONS FOR WIDE WIDTH:
- Increased stabilization and control
- Dispersed orthotic pressure across a greater area

CLINICAL INDICATION FOR STANDARD WIDTH:
- Normal stabilization and control

CLINICAL INDICATIONS FOR NARROW WIDTH:
- Reduced stabilization and control
- Fits narrow shoes
- Focused orthotic pressure among smaller area

Wide frame
A wide frame refers to the width of the distal edge of an orthotic’s frame. When the medial trimline of the device is extended linearly past the device’s distal frame, it reaches the medial side of the tibial sesamoid. When the lateral trimline is extended linearly past the device's distal frame, the lateral trim line would reach the lateral side of the 5\(\text{th}\) metatarsal head.

Standard frame
A standard frame refers to the width of the distal edge of an orthotic’s frame. When the medial trimline of the device is extended linearly past the device’s distal frame, it bisects the tibial sesamoid. When the lateral trimline is extended linearly past the device’s distal frame, the lateral trimline bisects the 5\(\text{th}\) metatarsal head.

Narrow frame
A narrow frame refers to the width of the distal edge of an orthotic’s frame. When the medial trimline of the device is extended linearly past the device’s distal frame, it bisects the fibular sesamoid. When the lateral trimline is extended linearly past the device’s distal frame, the lateral trimline borders the medial side of the 5\(\text{th}\) metatarsal head.

Note: Narrow frames are not recommended with deeper heel cups.

Notes: All illustrations and diagrams are of right foot
Colors on illustrations are for visual purposes and will vary on final product