Frame Modifications - Forefoot

Information Provided By Kevin Orthopedic Institute

1st Ray Cut Out
Frame resection proximal to 1st metatarsal head

FUNCTIONS:
- Offloads 1st metatarsal head
- Increases 1st ray joint excursions

CLINICAL INDICATIONS:
- Hallux valgus
- Hallux limitus
- Plantarflexed 1st rays
- Bunion deformities
- Sesamoiditis

A 1st ray cut out is a 45°, 65° or full clipping of the distal medial portion of the orthotic frame. The cut's angulation begins at the 1st innerspace of the distal frame and terminates at the medial edge of the frame. A full 1st ray cut out is a perpendicular cut at the 1st innerspace, runs parallel along the medial 1st metatarsal and curves 90° outwards at the 1st metatarsal base and terminates at the medial edge of the frame.

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