



## Lateral Flange

Lateral Flange High  Medium  Low  

### Lateral frame flange

#### FUNCTIONS:

- Prevents foot from sliding off lateral side of orthotic
- Helps lateral ankle instability
- Adds rigidity and strength to frame
- Lateral stabilization of 5<sup>th</sup> ray and calcaneus

#### CLINICAL INDICATIONS:

- Midfoot supination
- Severe pes planus (when coupled with pronation corrections)
- Collapsed calcaneocuboid joint

A lateral flange is a curved increase in the height of the frame superiorly on the lateral side of the device. It begins at the lateral mid-calcaneus (distal rearfoot) and extends distally with the curvature increasing in height to the apex near the calcaneal peroneal tubercle, then decreasing in height to terminate just proximal to the styloid. The height of the flange can be modified at the practitioner's discretion.

#### CLINICAL PEARL

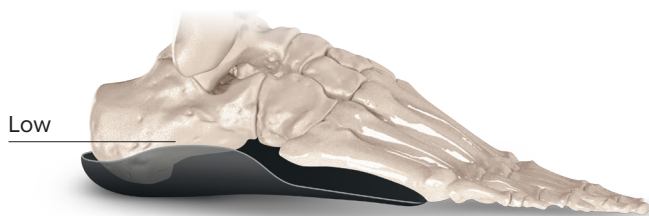
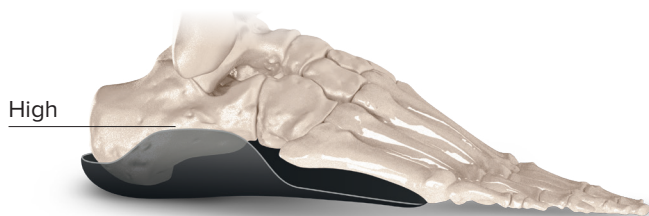
This modification adds bulk to a device, it is recommended a patient uses proper shoe gear to accommodate.



Posterior view



Lateral view



Lateral view  
(transparent)

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