

Anti-Supination Reaction & Posts - Forefoot

Information Provided By KevinRoot Medical



Valgus Metatarsal Wedge

VG Met Wedge



6°

4°

2°



Valgus metatarsal head wedge

FUNCTIONS:

- Accommodates forefoot valgus
- Supports non-plantigrade everted metatarsal heads

CLINICAL INDICATIONS:

- Rigid forefoot valgus
- Elevates lateral metatarsal heads
- Oversupination throughout rear-, mid- and forefoot due to rigid planterflexed 1st ray
- Positive Coleman Block test

A valgus metatarsal wedge is semiflexible to rigid (35-65 Shore A) EVA material added to the superior edge of the distal frame where it extends distally into the forefoot and terminates at the sulcus. Its distal edge gradually decreases in height as it extends to the medial side. The height and amount of material added is dependent on the desired angulation.

CLINICAL PEARL

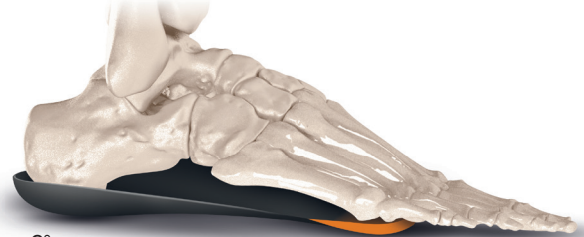
This type of extrinsic forefoot post is recommended for angulations of 2°-6°. It can be paired with intrinsic forefoot posting if higher angulation is desired.



Inferior view
(transparent)



6°

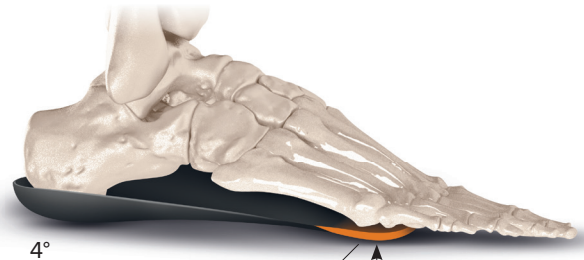


6°

ORF



4°

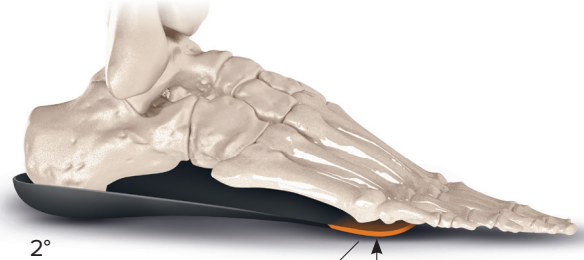


4°

ORF



2°



2°

ORF

Anterior view
(phalanges excluded)

Lateral view

Notes: All illustrations and diagrams are of right foot
Colors on illustrations are for visual purposes and will vary on final product
ORF = Orthotic Reaction Force