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SMO & AFO Trim Lines & Fit Check



On the medial side of the foot, braces should be trimmed behind the big toe and ball of the foot.

This edge must be back far enough to not impinge on the bony portion of the ball of the foot.



On the lateral side of the foot, braces should be trimmed just behind the 5th toe.

Extend or push up on the 5th toe to ensure the fit is correct. This will simulate the movement the toe experiences while walking. The plastic edge of the brace should not restrict this movement.



If the device fits properly, there will be a gap between the edges of the plastic on the top of the foot.

Depending on the child, this gap may be as narrow as 3/8" (1 cm) on small feet or as wide as 1" (2 1/2 cm) on larger children. These plastic wings should never touch or overlap.

Full Footplate



On the medial side of the foot, the dorsum wing should be trimmed behind the big toe.*

The medial footplate should be trimmed to the end of the big toe on the plantar surface.



On the lateral side of the foot, the dorsum wing should be trimmed just behind the 5th toe.*

The lateral footplate should be trimmed to the end of the 5th toe on the plantar surface.



SMOs and AFOs with a full footplate should be trimmed to the end of the distal toes but can extend 1/8" - 1/4" (1/3 - 3/5 cm) beyond the toes.

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** Trimlines on medial and lateral side may vary based on AFO design and goals.*

Fit Check

01



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03



If the AFO has a molded inner boot or dorsum wings, there will be a gap between the edges of the plastic on the top of the foot.

This gap may be as narrow as 3/8" (1 cm) on small feet (~pinky-wide width) or as wide as 1" (2 1/2 cm) on larger children. These plastic wings should never touch or overlap.