



Pediatric Hip Abduction Orthosis Fitting Instructions

Model 148 is a prefabricated hip orthosis designed primarily for the treatment of Legg-Calve-Perthes disease. The preset hip abduction angle is intended to achieve maximum containment during ambulation. The hip joint allows the range of hip flexion and extension to be controlled in 20° increments. The orthosis is available in two prefabricated sizes, or may be custom made through our central fabrication services.

<p>Pelvic Girdle Adjustment</p>	<p>Required Tool: Phillips head screwdriver.</p> <ul style="list-style-type: none"> • Pelvic modules have approximately two inches of adjustment from the stated size. • To size the pelvic module, loosen the four screws securing the left and right hip segments. • Adjust the left and right hip segments by sliding the loosened screws in the slots. • Tighten the four screws to match the patient's pelvic diameter. • Cut white foam to fit into space caused by opening the pelvic module to the patient's width. Fasten to back of liner using hook and loop attachment. • Keep thread locker off plastic section, as this can weaken the plastic.
<p>Hip Joint Adjustment</p>	<p>Model 148 (Sizes: S, L) with 2040-C hip joint for static positioning or ROM activity control:</p> <p>Required tool: 3 mm hex key (included), thread locker.</p> <ul style="list-style-type: none"> • Loosen socket head cap screws with 3 mm hex key. • Move joint uprights along slots to change orthotic hip joint elevation in relation to the patient's anatomical hip axis. • Secure upright screws with thread locker and tighten. • Place socket head screws on flexion/extension range of motion plate for static position control or range of motion control. There is a 20° interval between adjustment positions. • Abduction is preset at 15°, but can be adjusted by bending the distal uprights with bending irons.



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