

HELIO KIDS C

Clinical notes

CLINICAL ISSUE	SOLUTION	WHY MOTION COMPOSITES
The client and caregiver goals include maximizing safety with growth capabilities.	A wheelchair that offers growth adjustability, WC19 certification, and remains its durability and rigidity throughout its lifetime.	HELIO Kids C is configurable with a depth adjustable back, unibody side frames, and WC19. This combination is rarely found together, allowing the HELIO Kids C to grow with the child, maintain rigidity, and provide safety with transportation.
The client has potential to grow in height over the life of the wheelchair and needs the wheelchair to grow with them.	Using a wheelchair with Depth Adjustable Back provides built in seat depth adjustability.	The HELIO Kids C built in seat depth adjustment provides 3 inches of growth. The HELIO Kids C grows by moving the backcanes, not by expanding the frame. This means that the uni-body frame is not compromised with holes or joints.
The client is at risk of upper extremity pain and injury due to overall load weight during self-propulsion.	Using a wheelchair made of the lightest materials available.	The HELIO Kids C is made of carbon fiber which has the highest strength to weight ratio of any wheelchair frame material. It is the lightest wheelchair available in its category.
The client is at risk of upper extremity pain and injury if proper pushrim ergonomics are not used.	Using a wheelchair that allows for individualized and precise rear wheel adjustment.	5 inches of rear wheel height adjustability in ¼ inch increments allows for precise adjustment and the most optimal UE positioning.
The client is at risk of upper extremity (UE) pain and injury if distribution of weight over the rear wheels is not achieved.	Using a wheelchair that allows for individualized and precise center of gravity (COG) adjustment.	4 inches of COG adjustment in ¼ inch increments allows for precise adjustment and the most optimal UE positioning.
The client's height requires that they have a wheelchair with a low front seat to floor height for accessibility and transfers. Also the client's goal is to facilitate social interaction with same aged peers.	Using a wheelchair with a lower front seat to floor height to accommodate transfers and facilitate eye to eye communication with same aged peers.	The HELIO Kids C offers a front seat to floor height of 13 inches, one of the lowest available.

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The client wants to maintain independent propulsion at home and/or in the community and needs an efficient, adjustable, folding wheelchair.	Using a wheelchair that is highly adjustable and is designed to feel and perform like a rigid wheelchair with the convenience of a folding frame.	The HELIO Kids C folds in the traditional fashion and has several design features (uni-body side frame, symmetrical molded crossbrace, and ultra-rigid folding system) that, along with correct set up, ensure an incredibly efficient ride.
The client's goal is to maximize cost effectiveness over the lifetime of the wheelchair.	Purchasing an ultralightweight custom manual wheelchair made of the highest quality material vs a standard wheelchair with proven durability.	The HELIO Kids C is adjustable and made of high-quality materials. Designed to take full advantage of carbon fiber's exceptional fatigue resistance, its frame structure significantly exceeded the minimum cycle requirement of the ISO strength and durability test, demonstrating outstanding long-term durability.
The client wants to maximize activity level, community involvement, and independence.	Evidence shows that using an optimally configured ultralightweight wheelchair reduces risk of overuse injuries, allows for energy conservation, and maximizes independence.	The HELIO Kids C is the lightest wheelchair available in its category. The rigidity of the folding system, including the symmetrical cross brace and unibody side frames, allows the HELIO Kids C to perform as efficiently as a rigid wheelchair.