CLINICAL QUICK REFERENCE: WHEELCHAIR FRAME LENGTH

Frame length selection plays a key role in propulsion efficiency, stability, maneuverability, and overall wheelchair fit.

CLINICAL TIPS

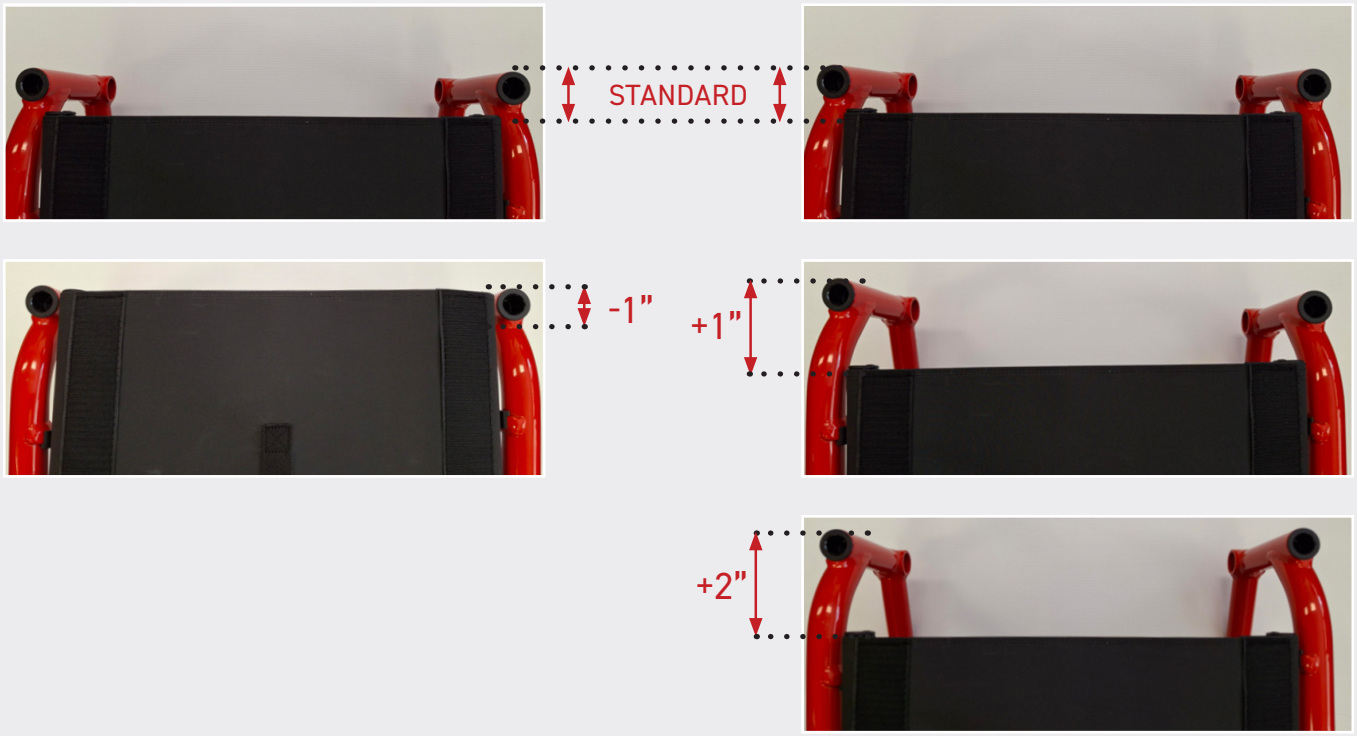
- Shorter frames often benefit active users prioritizing efficiency and responsiveness.
- Longer frames may be appropriate when stability or positioning needs outweigh maneuverability.
- Always consider body measurements, environment, and functional goals together.

QUICK COMPARISON

FRAME LENGTH	TYPICAL USER PROFILE	CLINICAL ADVANTAGES	CLINICAL CONSIDERATIONS
-1" or - 2" Shorter Frame Compared to Standard	• Smaller or active users • Tight indoor environments	• Rear wheels closer to center of mass • Improved propulsion efficiency • Excellent maneuverability • Easier transport and storage	• Ensure rearward stability • May limit seat depth or component selection • Will affect how client sits with chosen hanger angle
Standard Frame	• Most users • General daily use	• Balanced stability and maneuverability • Flexible configuration options • Forgiving setup	• This is how the wheel-chair was engineered to perform
+1" or + 2" Longer Frame Compared to Standard	• Taller users • Longer femur length that cannot be supported by seat depth • Higher stability needs	• Increased rearward & anterior stability • Additional space for positioning or wheels/ accessories	• Reduced maneuverability • Increased push effort • Larger overall footprint • Will affect how client sits with chosen hanger angle

*For the folding frames, see incompatibilities at end of folding order form on p.7

HELIO A6, A7, C2, MOVE



APEX C, APEX A, VELOCE