

# The Fast Fit® Guide to Brace Selection

Prefabricated  
Paediatric  
Orthoses

Is Fast Fit  
right for your  
patient?

Common indicators...

- Young children (birth to 9)
- Fully correctable foot alignment
- In need of orthotic intervention

How to use  
this guide...

**1** Find the Patient Group that best matches the child's presentation  
Use the brief descriptions at the top of each column

**2** Match the level of involvement  
Choose from Mild, Moderate or Strong

**3** Choose a Brace Solution  
Within each patient group are the recommended Fast Fit solutions

## Low Tone Pronation



### MILD

Visible medial arch. Mild heel eversion and forefoot abduction  
Can correct when prompted  
Can be manually corrected with no resistance

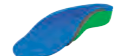
**Chipmunk**  
4.00 - 12.25 in  
Pronation only



### MODERATE

Reduced medial arch. Moderate heel eversion and forefoot abduction  
Can improve when prompted  
Can be manually corrected with mild resistance

**Chipmunk**  
4.00 - 12.25 in



**Cricket**  
4.00 - 7.75 in



### STRONG

Absent medial arch. Strong heel eversion and forefoot abduction  
Cannot improve when prompted  
Can be manually corrected with moderate resistance

**Chipmunk**  
4.00 - 12.25 in



**JumpStart Leap Frog**  
4.00 - 7.75 in



## High Tone Pronation | Supination



### MILD

**HIGH TONE PRONATION**  
Visible medial arch. Mild heel eversion and forefoot abduction  
Can correct when prompted  
Can be manually corrected with mild resistance  
**HIGH TONE SUPINATION**  
Mildly increased medial arch. Mild heel eversion and forefoot abduction  
Can correct when prompted  
Can be manually corrected with mild resistance

**Chipmunk**  
4.00-12.25 in  
Pronation only



**Cricket**  
4.00-7.75 in



**JumpStart Leap Frog**  
4.00-7.75 in



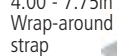
### MODERATE

**HIGH TONE PRONATION**  
Reduced medial arch. Moderate heel eversion and forefoot abduction  
Can improve when prompted  
Can be manually corrected with moderate resistance  
**HIGH TONE SUPINATION**  
Increased medial arch. Moderate heel eversion and forefoot abduction  
Can improve when prompted  
Can be manually corrected with moderate resistance

**JumpStart Leap Frog**  
4.00 - 7.75 in



**JumpStart Bunny**  
4.00 - 7.75 in  
Wrap-around strap



### STRONG

**HIGH TONE PRONATION**  
Absent medial arch. Strong heel eversion and forefoot abduction  
Cannot correct when prompted  
Can be manually corrected with strong resistance or cannot be corrected  
**HIGH TONE SUPINATION**  
Significantly increased medial arch. Strong heel eversion and forefoot abduction  
Cannot correct when prompted  
Can be manually corrected with strong resistance or cannot be corrected

**JumpStart Leap Frog**  
4.00-7.75 in



**JumpStart Bunny**  
4.00-7.75 in  
Wrap-around strap



**JumpStart Kangaroo**  
4.00-7.75 in



## Swing Phase Inconsistency



### MILD

Lands heel first. No obvious compensations of the knee and hip  
Occurs almost never (less than 20% of the time)  
Can control when prompted

**JumpStart Bunny**  
4.00 - 7.75 in  
Wrap-around strap



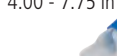
**JumpStart Softback**  
4.00 - 7.75 in



### MODERATE

Lands foot-flat, accompanied by pronation/supination.  
Some compensations of the knee and hip  
Occurs almost always (80% of the time)  
Can improve when prompted

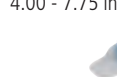
**JumpStart Softback**  
4.00 - 7.75 in



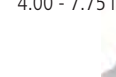
### STRONG

Lands forefoot-first, accompanied by pronation/supination. Marked compensations of the knee and hip  
Occurs constantly (100% of the time)  
Cannot control when prompted

**JumpStart Softback**  
4.00 - 7.75 in



**JumpStart Kangaroo**  
4.00 - 7.75 in



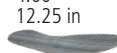
## Excess Plantarflexion Toe-Walking



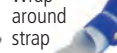
### MILD

Ankle plantarflexion: 0°  
Occurs occasionally (less than 50% of the time)  
Can correct when prompted  
Can be manually corrected with mild resistance

**Carbon Fibre Footplate**  
4.00-12.25 in



**JumpStart Bunny**  
4.00-7.75 in  
Wrap-around strap



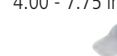
**JumpStart Softback**  
4.00-7.75 in



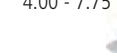
### MODERATE

Ankle plantarflexion: 0-2°  
Occurs frequently (50% of the time)  
Can improve when prompted  
Can be manually corrected with moderate resistance

**JumpStart Softback**  
4.00 - 7.75 in



**JumpStart Kangaroo**  
4.00 - 7.75 in



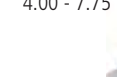
### STRONG

Ankle plantarflexion : 2° or more  
Occurs constantly (100% of the time)  
Cannot correct when prompted  
Can be manually corrected with strong resistance or cannot be corrected

**JumpStart Softback**  
4.00 - 7.75 in



**JumpStart Kangaroo**  
4.00 - 7.75 in



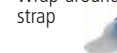
## Knee Hyperextension



### MILD

Gentle knee extension: 0-2°  
Occurs occasionally (less than 50% of the time)  
Can correct when prompted  
Can be manually corrected with mild resistance

**JumpStart Bunny**  
4.00 - 7.75 in  
Wrap-around strap



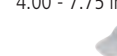
**JumpStart Softback**  
4.00 - 7.75 in



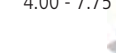
### MODERATE

Marked knee extension: 2-5°  
Occurs frequently (50% of the time)  
Can improve when prompted  
Can be manually corrected with moderate resistance

**JumpStart Softback**  
4.00 - 7.75 in



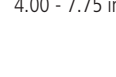
**JumpStart Kangaroo**  
4.00 - 7.75 in



### STRONG

Significant knee extension: 5° or more  
Occurs constantly (100% of the time)  
Cannot correct when prompted  
Can be manually corrected with strong resistance

**JumpStart Kangaroo**  
4.00 - 7.75 in



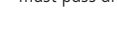
## Excess Dorsiflexion Crouching



### MILD

Gentle excess dorsiflexion and knee flexion: 5-10°  
Occurs occasionally (less than 50% of the time)  
Can correct when prompted  
Can be manually corrected with mild resistance

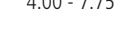
**JumpStart Bunny**  
4.00 - 7.75 in  
Wrap-around strap must pass anteriorly



### MODERATE

Marked excess dorsiflexion and knee flexion: 10-15°  
Occurs frequently (50% of the time)  
Can improve when prompted  
Can be manually corrected with moderate resistance

**JumpStart Kangaroo**  
4.00 - 7.75 in



### STRONG

Significant excess dorsiflexion and knee flexion: 15° or more  
Occurs constantly (100% of the time)  
Cannot correct when prompted  
Can be manually corrected with strong resistance or cannot be corrected

**JumpStart Kangaroo**  
4.00 - 7.75 in



## Positioning Limited Ambulation



### MILD

Accompanied by mild pronation/supination  
Frequent assisted ambulation  
Can be manually corrected with moderate resistance

**Chipmunk**  
4.00-12.25 in  
Pronation only



**Cricket**  
4.00-7.75 in



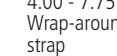
**JumpStart Bunny**  
4.00-7.75 in  
Wrap-around strap



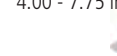
### MODERATE

Accompanied by moderate pronation/supination  
Occasional assisted ambulation  
Can be manually improved

**JumpStart Bunny**  
4.00 - 7.75 in  
Wrap-around strap



**JumpStart Kangaroo**  
4.00 - 7.75 in



### STRONG

Accompanied by strong pronation/supination  
Assisted transfers only, or non-weight bearing  
Cannot be manually corrected

**JumpStart Kangaroo**  
4.00 - 7.75 in

