

# The DAFO® Guide to brace selection



Low Tone  
Pronation

## MILD

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



PattiBob®

## MODERATE

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



Chimpunk®

## STRONG

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



JumpStart® Leap Frog®



DAFO 4



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 inversion and forefoot adduction.  
Can correct when prompted.  
Can be manually corrected with mild resistance.



Chimpunk  
Pronation only



JumpStart  
Leap Frog



DAFO 4



JumpStart Bunny®  
Wrap-around strap



DAFO 4  
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 inversion and forefoot adduction.  
Cannot correct when prompted.  
Can be manually corrected with strong resistance or cannot be corrected.



DAFO Tami2  
Free ankle



DAFO 3.5  
Very flexible strut



Swing Phase  
Inconsistency

## MILD

Lands heel first. No obvious compensations of the knee and hip.  
Occurs occasionally (less than 80% of the time).  
Can control when prompted.



JumpStart Bunny  
Wrap-around strap



DAFO 4  
Wrap-around strap

## 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.



DAFO 3.5  
Very flexible strut & elastic anterior strap

## 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.



DAFO 3.5  
Semi-rigid strut & elastic anterior strap



DAFO FlexiSport  
Moderately flexible strut



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.



JumpStart Bunny  
Posterior strap



DAFO 4  
Posterior strap



JumpStart  
Softback



DAFO  
Softback



DAFO 3.5  
Moderately flexible strut



DAFO FlexiSport  
Moderately flexible strut



JumpStart  
Kangaroo®



DAFO 3



DAFO Tami2  
PF block



DAFO 2



Knee Hyperextension

## MILD

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



JumpStart Bunny  
Posterior strap



DAFO 4  
Posterior strap



JumpStart  
Softback



DAFO  
Softback



DAFO 3.5  
Moderately flexible strut



DAFO FlexiSport  
Moderately flexible strut



JumpStart  
Kangaroo



DAFO 3



DAFO Tami2  
PF block



DAFO 2



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  
Wrap-around strap



DAFO 4  
Wrap-around strap

## MODERATE

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



DAFO 3.5  
Semi-rigid strut & solid anterior strap



DAFO FlexiSport  
Semi-rigid strut

## 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.



DAFO FA



DAFO Turbo



DAFO  
Floor Reaction



Positioning  
Limited Ambulation

## MILD

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



JumpStart Bunny  
Posterior strap



DAFO 4 Softy®  
Posterior strap



DAFO  
Softback Softy®



JumpStart  
Kangaroo



DAFO 3.5 Softy  
Moderately flexible strut



DAFO 8 Softy



DAFO Turbo Softy

## MODERATE

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

## STRONG

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



Helping kids lead healthier, happier lives®

To view all of our custom orthoses, visit  
cascadedafafo.com/products/custom-dafos

- Fast Fit Orthoses

Shoe inserts

Patibob

Chipmunk

JumpStart Kangaroo

JumpStart Softback

JumpStart Bunny

JumpStart Leap Frog

JumpStart braces
- Custom Orthoses

DAFO 4

DAFO Tamiz

DAFO Softback

DAFO 3.5

DAFO Flexisport

DAFO 3

DAFO 2

DAFO FA

DAFO Turbo

DAFO Floor Reaction

DAFO 4 Softy

DAFO Softback Softy

DAFO 3.5 Softy

DAFO 8 Softy

DAFO Turbo Softy

**Custom DAFO and Prefabricated Fast Fit Orthoses**

The orthoses in this guide include both our custom DAFOs and our Fast Fit line of prefabricated shoe inserts and JumpStart braces.

- Our custom DAFOs are created from casts and digital scans, built to your precise specifications. These dynamic orthoses are suitable for all age groups, and many patients wear them into adulthood.
- Our Fast Fit products are ordered by foot size and designed for patients with fully-correctable foot alignment who need flexible support for standing and walking. For more information, visit the Fast Fit section of cascadedafafo.com.

Both product lines are backed by our Full (90-Day) Warranty.

The  
DAFO®  
Guide  
to brace selection

1 Find your patient group

- Low Tone Pronation
- High Tone Pronation or Supination
- Swing Phase Inconsistency
- Excess Plantarflexion Toe Walking
- Knee Hyperextension
- Excess Dorsiflexion Crouching
- Positioning Limited Ambulation

Patient presentations appear vertically in the left column.

Find the patient group that best matches your child's presentation.

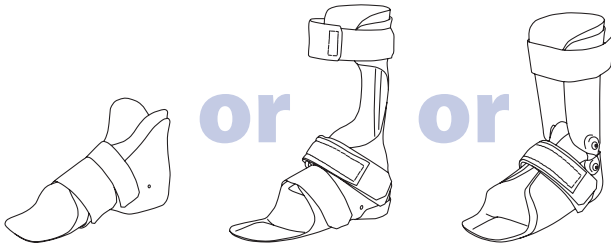
2 Match the level of involvement

Horizontally, each patient group has descriptive categories of involvement:

- Mild
- Moderate
- Strong

3 Choose a brace solution

The recommended DAFOs are listed within each patient group. For information regarding a specific brace, please visit **cascadedafafo.com**.



**Cascade Dafo** believes...

“better mobility gives children a wider range of experiences, more success in the activities they choose, and ultimately more control over their lives.”