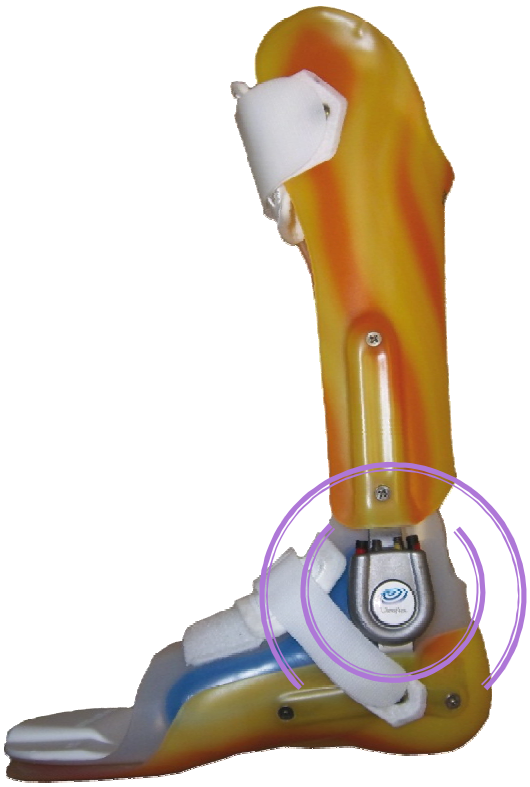
MANAGING GAIT DYSFUNCTION

Ultraflex®

ULTRA SAFE STEP™ Ankle



ADJUSTABLE DYNAMIC *RESPONSE™ (ADR™)* FOR THE ANKLE AT INITIAL AND TERMINAL STANCE

INDICATIONS

Improves gait training for stroke rehabilitation (forced limb use programs).

FEATURES AND BENEFITS

Floor Reaction Design

- Dampens ground reaction force (GRF) for smoother and more efficient gait.
- Redirects GRF at initial contact through forward progression.
- Other designs possible.

Adjustable Range of Motion

- Dorsi and Plantar flexion range from 0-40º.

Dual Adjustable Dynamic Response for Stance.

- Adjustable response at initial contact and terminal stance.
- A more biomechanically sound design allowing the ankle to move more while storing & releasing energy.
- Adjustable dampening muscle compensation: torque up to 60 Nm

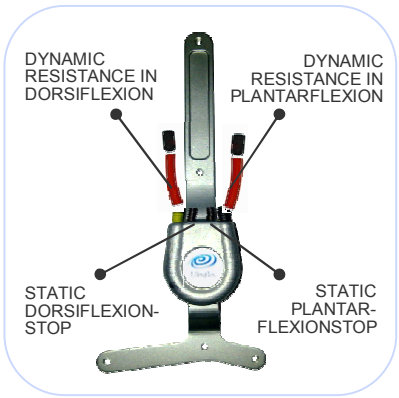
Prevents Toe Drag

- Returns ankle to neutral and assist foot clearance during swing.
- Improve initial contact, stabilize ankle complex and advance the body during mid stance.

Ground Reaction Force Transfer

- Dual medial & lateral stirrups support mid-foot and transfers GRF to toe lever.

Improve gait quality while decreasing your patient's energy cost



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