

Ultraflex<sup>®</sup> — the only technology that can control ALL planes of motion and stretch multiple joints in one orthosis.

Comprehensive day/night neuro-orthotic rehabilitation  
Increase ROM, reduce spasticity, improve gait and increase compliance

- LLPS (low load, prolonged-duration stress) is clinically proven to improve ROM
- Increase both dynamic R1 (angle of catch) and R2
- Level 2 evidence demonstrates clinical superiority in ROM, reduce spasticity and increase compliance
- Gait fine-tuning with Ultraflex Adjustable Dynamic Response™ to improve crouch, equinus and their variations
- Improve reach, grasp and pinch with FirstFlex<sup>2,3,4</sup>
- Pediatric and adult
- Custom-made from cast for each patient
- Patient selected colors and patterns for optimal aesthetics
- Easy to don/doff with biomechanically correct positioning
- Next generation spring technology provides consistent, reproducible tension with fewer adjustments than older technology
- Single patient use; purchased by most insurance providers
- A certified professional will evaluate, fit and follow your patient's care

Positively impacting daily lives:  
200,000+ Ultraflex patients  
200,000+ individualized solutions  
Over 23 years of experience

- 1 Heymann, I., Laluc, A., Paysant, J. "Dynamic vs. Static KAFO Orthoses in the Treatment of Knee Flexion Contractures in Children with Cerebral Palsy." 4th International Cerebral Palsy Conference, Pisa, Italy, 2012
- 2 Scheker, L.R., S.P. Cheshner, and S. Ramirez. "Neuromuscular Electrical Stimulation and Dynamic Bracing as a Treatment for Upper-Extremity Spasticity in Children with Cerebral Palsy." *The Journal of Hand Surgery* 24B.2 (1999): 226-232
- 3 Ozer, Kagan, Stephen P. Cheshner, and Luis R. Scheker. "Neuromuscular Electrical Stimulation and Dynamic Bracing for the Management of Upper-Extremity Spasticity in Children with Cerebral Palsy." *Developmental Medicine & Child Neurology* 48 (2006): 559-563
- 4 Hardy, Kathleen, Kacia Suever, Amie Sprague, Valerie Hermann, Peter Levine, Stephen J. Page. "Combined Bracing, Electrical Stimulation, and Functional Practice for Chronic, Upper-Extremity Spasticity." *The American Journal of Occupational Therapy* 64:5 (2010): 720-726

Start your day/night total rehab program today.

Ultraflex FDA Class 1 braces are available only through a physician's prescription and are fitted by certified professionals. Ortho Active supports your patient care with dedicated sales representatives.

Call our head office to speak with a sales rep, order an Ultraflex ONE or learn more about Ultraflex joints.

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Ultraflex<sup>®</sup>  
Patient Inspired Solutions

## Neurological Solutions

Addressing neuro dynamic/static muscle ROM limitations and common gait deviations



Introducing Ultraflex ONE™  
The ONE™ solution for all your rehab needs.

Ultraflex ONE™ is a patent pending, breakthrough technology that provides protection, stability, functional assist and LLPS in ONE™ family of advanced orthoses.

Features:

- Dynamic extension and flexion assist in one component, easily reversed by the patient or caregiver.
- Extension or flexion ROM limits for protected motion, support and positioning.
- Static progressive stretch option with simple worm drive adjustment.
- Improved lock for easy donning and doffing by the patient or caregiver.

Ultraflex ONE™ is The Only ONE™ you will ever need again for a complete bracing solution!



"With day and night bracing, my muscles are looser and I can walk farther."

Custom-made

Adjustable Dynamic Response™ (ADR™) for Adult and Pediatrics

- ADR™ AFO with anterior shell and SMO CROUCH
- ADR™ AFO with posterior shell EQUINUS
- ADR™ AFO with tabs and SMO EQUINUS AND CROUCH
- USS KAFO with cable release QUAD WEAKNESS
- Unilateral KO ADR™ KAFO ADR™ single upright QUAD WEAKNESS

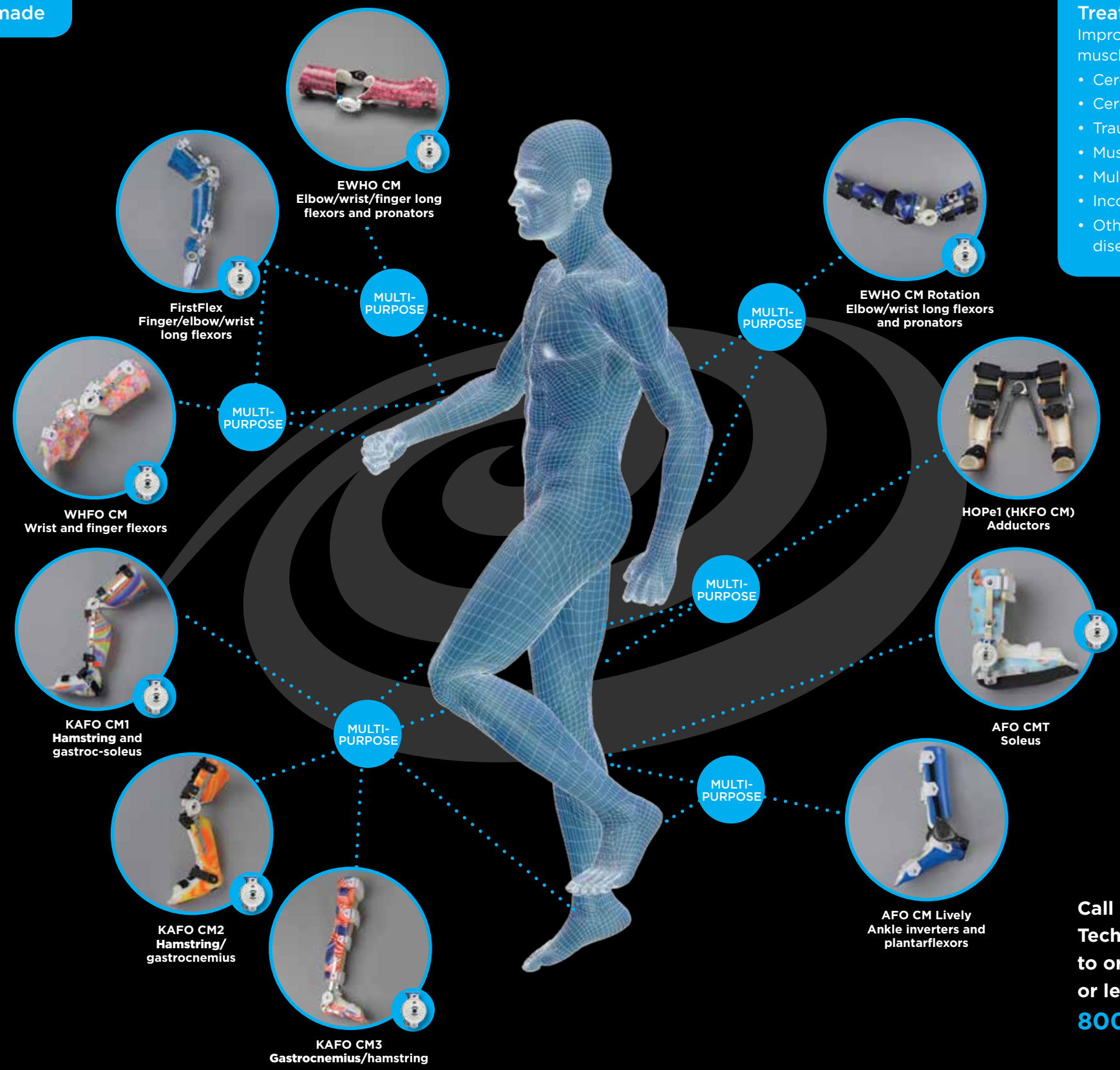
Patented elastomer technology:

- Posterior channel augments tibialis anterior at initial contact
- Anterior channel augments gastroc soleus from mid-stance through terminal stance
- KO ADR for quad weakness to augment knee loading response

**Legend**

Ultraflex ONE™ - provides dynamic extension/flexion assist, static progressive extension/flexion and extension or flexion limits

Custom-made



**Treatment Specialties**  
 Improve dynamic and static muscle ROM for:

- Cerebral palsy (CP)
- Cerebral vascular accident (CVA)
- Traumatic brain injury (TBI)
- Muscular Dystrophy (MD)
- Multiple Sclerosis (MS)
- Incomplete Spinal Cord Injury
- Other central nervous system diseases or disorders

**Call our Clinical Technical Support Team to order an Ultraflex or learn more.**  
**800-220-6670**