

DCO



DYNAMIC CERVICAL ORTHOSIS

AN ACTIVE SYSTEMS PRODUCT

THE DYNAMIC CERVICAL ORTHOSIS (DCO) was specifically designed for patients with mild to moderate head ptosis (head drop). Tailored to fit both pediatric and adult clients, this device is effective in combating head ptosis, improving speech patterns, swallowing, and visual degradation normally associated with head drop. Whether the condition is caused by weakness or a neuromuscular deficit, the DCO can be effective in facilitating an upright position. The DCO is a low profile system that encourages extension of the neck to promote a more upright, neutral position. Using small elastic tensioning bands, this revolutionary device separates itself from other cervical supports through its dynamic function. Allowing the head to move against the adjustable resistance of the tensioning bands, the wearer has the ability to achieve normal range of motion, but will always be assisted back to a neutral extended position when at rest.



KEY FEATURES

- Adjustable tension resistance bands can accommodate any degree of head drop
- Resistance bands can be “loaded” to combat asymmetries in tightness of neck musculature
- Low Profile: Can be worn under normal clothing
- Easily contoured to fit any body shape
- Adjustable for different heights and head shapes
- No posts or mandibular supports necessary
- Comfortable, soft headband designed to hold its position
- Lightweight, easy to use and maintain (can be wiped down with warm soapy water)

INDICATIONS

- Neck Weakness
- Head Drop (Ptosis)
- Parkinson’s Disease
- Multiple Sclerosis
- Myopathy
- Amyotrophic Lateral Sclerosis
- Poor Head Control Due to Hypotonic Cerebral Palsy

CONTRA-INDICATIONS

- Rigidity of the Neck Musculature
- Fusion of the Cervical Vertebrae
- Fixed Neck Position

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The DCO is the most advanced system available for the treatment of head drop. This truly dynamic device is the only system available that supports a neutral, midline position, while still allowing normal movement. Through the use of the dynamic resistance bands, the DCO offers a resistance to movement, helping to facilitate strengthening of the musculature of the neck, while assisting with re-centering in midline.



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TECHNICAL SUPPORT

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