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CerviCollar: A Non-Compressive Cervical Collar

Tech ID: 34159 / UC Case 2025-770-0

BRIEF DESCRIPTION

A revolutionary redesign of the cervical collar to prevent jugular vein compression, enhancing safety and comfort for neck stabilization.

FULL DESCRIPTION

CerviCollar is an innovative medical device designed to stabilize the neck without exerting pressure on the jugular veins, thereby reducing the risk of increased intracranial pressure and promoting cerebral perfusion. Unlike traditional cervical collars, this product strategically avoids contact with the neck's sides, focusing instead on key points around the jaw, the back of the head, and the shoulders to ensure stability without compromising comfort or safety.

SUGGESTED USES

- Emergency medical services for immediate neck stabilization post-injury.
- Hospitals and trauma centers for patients with neck injuries and potential brain trauma.
- Rehabilitation centers for continuous neck support during the recovery process.
- Home care settings for patients requiring long-term neck stabilization

ADVANTAGES

- Eliminates jugular vein compression, reducing potential for increased intracranial pressure and brain injury.
- Enhances neck stabilization by focusing on non-compressive support structures.
- Improves patient comfort significantly, facilitating better recovery outcomes.
- Adjustable and customizable fit to accommodate various body sizes and shapes.
- Easy to clean and maintain, ensuring hygiene and safety in medical settings.

PATENT STATUS

Patent Pending

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OTHER INFORMATION

KEYWORDS

cervical collar, neck brace, traumatic brain injury, medical device

CATEGORIZED AS

- » **Medical**
- » Devices
- » Disease: Central Nervous System
- » Disease: Musculoskeletal Disorders
- » Rehabilitation

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