

Otto Bock[®]

QUALITY FOR LIFE



Necky Cervicalorthesen
Quality support – great design!

| Patienten Information |

Whiplash injury – What is it?

Whiplash injury (also called the whiplash syndrome or accelerating trauma) is an injury caused to the cervical spine by sudden hyperextension of the neck followed by strong hyperflexion. Frequent secondary effects are injuries to the cervical soft tissue. This can also often result in a bad headache and a painful stiffening of neck musculature. Pain can even radiate to the shoulder blades and down the arms. These symptoms are not always immediately apparent, and initial onset of pain is often only noticed after several hours or even days.

Although whiplash usually heals within a few weeks, without secondary injuries, a thorough medical examination should always be performed in order to prevent nerve injuries or other lesions.

How does whiplash occur?

The most frequent reasons for whiplash are front or rear impact car collisions (according to estimates more than 200,000 car drivers in Germany suffer from a whiplash caused by car accidents each year). Impact from the

Necky Cervical Orthoses



collision causes the occupant's trunk to suddenly jerk forward (accelerating trauma). At the same time the head is caused to snap back and the neck musculature cannot compensate for this sudden movement, allowing the cervical spine to be overextended (Fig. 1). Afterwards the movement of the trunk is abruptly stopped. In this moment the neck musculature cannot control the motion of the head and the head is jerked towards the chest (Fig. 2). The jerking movements cause a severe hyperextension of the cervical spine. The opposite case can occur in case of sudden and strong braking.

This is a complex injury mechanism in which different flexion, extension and tearing forces are at work, and which can result in cervical spine injuries. These injuries can also occur during other activities, such as during sports or while at work.



Fig. 1



Fig. 2

Otto Bock Cervical Orthoses

Cervical orthoses provide the necessary neck stability and support to those suffering from whiplash. Your physician will prescribe the orthosis to immobilize the cervical spine.

Depending on the severity and type of injury, Otto Bock cervical orthoses provide clinically appropriate fittings to relieve the cervical spine.

The Otto Bock cervical orthoses provide therapeutic support with high comfort and excellent fit. The circumference is infinitely adjustable and the orthoses are easy to put on and take off. The cervical orthoses are also washable, allowing you to use them for a long time, and the attractive cover is especially skin-friendly.

Otto Bock Cervical Orthoses: attractive, quality support with a great design!

Necky Cervical Orthoses





Necky Color

- Attractive, anatomically shaped cervical orthosis
- Colors: blue and black



Necky Color Micro

- Anatomically shaped cervical orthosis with skin-friendly microfiber cloth
- Color: champagne



Necky Color Forte

- Anatomically shaped cervical orthosis with integrated reinforcement
- Colors: blue and champagne



Necky Philadelphia

- Cervical orthosis with high stabilizing effect



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**Please contact us if you have any
further questions.**

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