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Orthoses are our passion

Erix Humerus Fracture Brace

BOA®
BOA Fit System



ErixHumerus Fracture Brace

ErixHumerus is an innovative and user-friendly fracture brace, designed to simplify application for the patient while offering exceptional comfort, low weight, optimal stability and functional support.

The brace features a modular system consisting of a fracture shell with a hook-compatible surface, combined with the Boa® Fit System for effortless, one-handed adjustment. The closure mechanism ensures a quick and secure fastening throughout the entire treatment period, even when the patient is at home without assistance. ErixHumerus with the shoulder part, provides suspension and functional positioning, enhancing both use and comfort in daily activities.



Humerus fracture brace

The humerus fracture brace is constructed from a patented, lightweight, and flexible composite material based on polymers and cork. It is lined with soft microfleece on the inside for enhanced comfort, while the exterior is covered with a hook-compatible loop fabric for easy attachment and adjustment.

Its circumferential design offers excellent flexibility and effective immobilization, allowing individual adaptation throughout the immobilization process. The fit can be continuously adjusted to accommodate changes in volume, as muscle atrophy during the treatment period may result in a reduction of muscle mass by as much as 20%. To ensure an optimal fit, the material can also be reshaped using a heat gun when needed.



Boa® Fit System

The Boa® Fit System features a strong, low-profile hook base that attaches directly to the fracture brace. The primary dial is positioned anteriorly for ergonomic access, and the two closure tabs are secured to the overlapping section of the brace.

The system enables quick, secure, and consistent tightening, even for patients with reduced grip strength and ensures stable immobilization of the fracture. Thanks to its innovative design and strategic placement, the Boa® dial can be operated easily with one hand, making it especially suitable for individuals with limited dexterity or unilateral arm function. The hook-based attachment also allows for individual customization of the fit and pressure, supporting both comfort and healing throughout the treatment period.



BOA®
BOA Fit System



Shoulder suspension part

To ensure the positioning of the shoulder and to provide suspension to the fracture brace, a modular shoulder part can be fitted directly to the fracture brace, making application for the patient easy. The shoulder part is made from CR-Foam, lined with Neptune™ Sky that has a high comfort. It is attached to the fracture brace with low-profile hook strips that can be accommodated individually to ensure an individual fit. The shoulder part has integrated friction surfaces laminated to the posterior part that provides a good suspension over the scapula. The anterior closure is modular and can be cut individually and is secure with a modular low-profile hook.



ErixHumerus Fracture Brace

Functional design, easy to apply and wear

One of the greatest challenges in fracture bracing arises when the patient lacks grip strength or has reduced mobility in the opposite shoulder. This often makes it difficult to apply or fasten the brace correctly, leading to poor fit and brace migration.

ErixHumerus offers a functional design that enables easy self-application, even for patients with limited strength or mobility. The system ensures a secure and stable immobilization, with full adjustability throughout the treatment period.

Thanks to the Boa® Fit System, the level of support can be finely tuned with a simple turn of the dial – ensuring optimal fit, comfort, and therapeutic effect every day, without the need for assistance.




ErixHumerus is pending a registered Community Design in the EU.

Measurement chart

NRX910 · ErixHumerus Fracture Brace · Available in left or right version in the following sizes:

Size	1 – Left	1 – Right	2 – Left	2 – Right
Circumference biceps cm	18–28	18–28	27–38	27–38
Art.no	NRX910-L1	NRX910-R1	NRX910-L2	NRX910-R2



The measurement is taken circumferentially around the biceps. The chest strap is adjustable in length.

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