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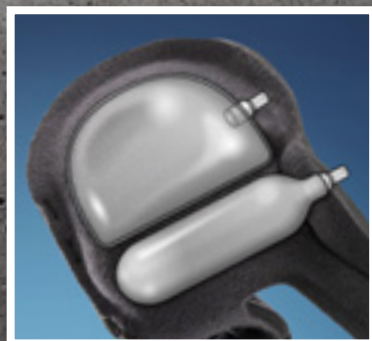
Orthoses are our passion

Mediroyal RESTO DYFEX®

– The new dynamic finger extension orthosis for spasticity



RESTO®
DYFEX



RESTO[®] DYFEX

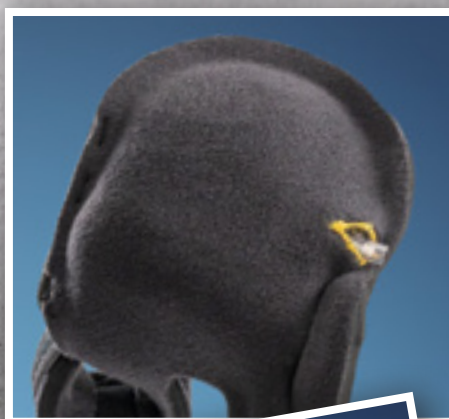
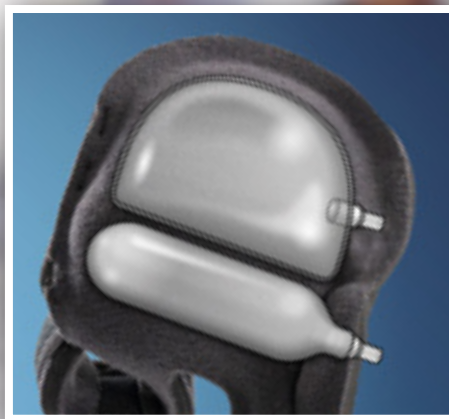
*– The new dynamic finger
extension orthosis for spasticity*

The new E28 RESTO DYFEX[®] is a further development of the previous MR328 DYFEX model that was introduced in 2015. The new platform offers a higher stability along with a new integration of the two air bladders on the finger platform. The straps have been improved along with the attachment on the frame making it more flexible. The design is patented by Mediroyal.

Function

The RESTO DYFEX[®] has been developed for patients with moderate to high spasticity that requires a functional positioning of the hand and fingers. It can also be used for patients that are undergoing treatment with botulinum toxin injections, both during the treatment to support the progression as well as when the effect of the injection wears off.

The concept consists of a malleable frame to support the lower arm, wrist, fingers, and thumb. The finger platform has two integrated inflatable bladders. The bladders complement the function of the finger platform by providing a dynamic support of the metacarpal arch and dynamic extension to the fingers. A constant and slow elongation of the flexor tendons, during a long period of time, changes the sensitivity of the muscle receptors which leads to a higher threshold for triggering spasticity.



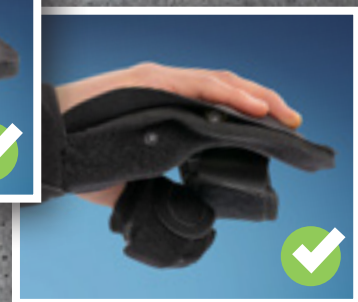
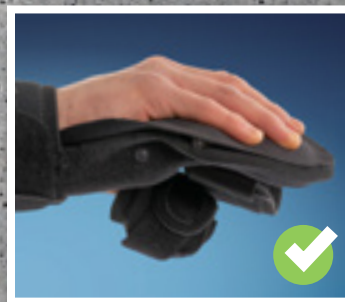
Dynamic Finger Extension and support

The two integrated airbladders allow individual adjustment and support of the finger position, which is essential for both tone inhibition as well as preventing contractures.

The bladders are inflated and deflated with the included pump. The valves are positioned on the ulnar side of the finger platform, for easy access.

- The first bladder is placed directly under the MCP-joints. When inflated, it will support the metacarpal arch, preventing misalignment.
- The second bladder is placed on the finger platform, just in front of the MCP-joints. It provides support to the intrinsic muscles, to extend the PIP- and DIP-joints of the fingers.

We recommend that the bladders are inflated when the splint is applied and deflated when it is removed. The interaction between the static frame and the dynamic bladders makes it possible to reach the individual maximum extension that is possible on your specific patient.



Modular strap

The RESTO DYFEX® splint has been fitted with a modular strap that can be used to provide additional stability in volar flexion. The strap has hook attachments in each end, making it possible to attach it on the finger platform and then run the strap over the dorsal part of the hand, and then attaching it on the proximal part of the splint. The strap can be run either radial-ulnar or ulnar-radial.

RESTO DYFEX® is patented under EU patent EP2997937.

Resto, Dyfex and Mediroyal are registered trademarks of Mediroyal Nordic AB.




SRX® Hookless lining

The RESTO DYFEX® frame is covered with CR-foam with a pressure displacement function. The top cover is a microfiber that provides both high comfort and moisture transportation. This microfiber has a hookless attachment to the textile on the lining, making it easy to apply and remove the cover without the need of hook/loop attachment. This is the same material as in the SRX® Strap. The lining can be machine washed in 60 degrees. It can also be ordered separately as replacements if needed.

Measurement chart E28 RESTO DYFEX®

E28 RESTO DYFEX® is available in left or right model.

Size	Small	Medium	Large	
MCP width mm	60-75	75-85	85-95	

The hand width is measured in mm over the MCP-joints.

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