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Orthoses are our passion

# PROXI® DIP/PIP Finger Splint

– Circular compression with low profile

## DIP



## PIP



### MR2701 · Proxi® DIP/PIP Finger Splint

Finger injuries are often quite problematic as immobilization also disturbs the function of the finger but might be necessary for the healing process. The new Mediroyal Proxi® DIP/PIP finger splint provides a good compromise with a low profile design, stability, support, and compression that can be applied both for a DIP or PIP joint.

The Proxi® DIP/PIP splint is made from a combination of laminated molecular modified thermoplastic that can be shaped without heating. The thermoplastic has been laminated onto a Neptune™ textile material that is breathable and has a high skin comfort. The top surface is a laminated loop fabric where the hook strap can be attached. The finger loop design makes application easy and secure.

The splint is available in two sizes and lengths. The circumference around the finger is adjustable.

**Indications:** After trauma to the DIP/PIP joint, to unload a trigger finger, instabilities, swelling over the joint, after dislocations or rheumatic/inflammatory processes.

### Size chart

Size	1	2	
Circumference DIP/PIP	40–55 mm Ø	50–65 mm Ø	
Length	30 mm	38 mm	

Proxi® is a trademark of Mediroyal Sweden AB

MR2702 · Proxi® Trigger Splint





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# PROXI<sup>®</sup> Trigger Splint

*– Low profile with an adjustable support*

## MR2702 · Proxi<sup>®</sup> Trigger Splint

Trigger finger can affect all fingers of the hand but are more common for the ring finger and the thumb. The disorder is characterized by catching or locking of the involved finger in full or near full flexion, typically with force. There may be tenderness in the palm of the hand near the distal palmar crease and often a nodule can be felt in this area, making it harder for the tendon to slide in the sheath, which causes the locking.

A part of the treatment can involve cortisone injection in combination with avoiding activities that cause pain. A splint can be useful to unload the tendon as well as keeping the roughened segment of tendon in the tunnel, making it smoother especially during the night.

The Mediroyal Proxi<sup>®</sup> Trigger Splint is made with a combination of molecular modified thermoplastic that makes it possible to shape without heating it. The thermoplastic has been reinforced with a malleable aluminum part that will assist the thermoplastic and make it possible to keep the desired shape during activity. Both materials are laminated onto a Neptune<sup>™</sup> textile that offers breathability and a high comfort for the patient. The top surface is a laminated loop fabric where hook straps can be attached. The finger loop design makes the application and adjustment easy for the patient and the splint is held in place by an NRX Strap PLUS that is non-elastic, with a friction surface on the inside. The NRX Strap is positioned directly onto the splint platform and secured around the hand with the enclosed hook tabs.



The platform can also be re-shaped by using hot water, this might be useful when using it for thumbs. Adjust the desired flexion of the platform by bending the metal part. Then open the hook strap and immerse the complete splint into hot water 75-80 degrees C. When soft, remove from the water and place it on a dry towel to absorb the excess moisture. Then close the finger loop and apply over the finger/thumb. Adjust the shape of the platform and if necessary, adjust the metal splint. Let it cool completely.


The splint is available in three different sizes and lengths. The circumference around the finger is adjustable.

**Indications:** Trigger finger to dig II-V, can also be used for the thumb if adjusted with hot water.



### Size chart

Size	S	M	L
Platform length	60 mm	70 mm	75 mm



*– Note that the platform length should be measured 5 mm below the PIP joint into the vola.*

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**MR2701 · Proxi<sup>®</sup> DIP/PIP Splint**