

## Digisplint Anti-Swan Neck Splint

The DS Anti-Swan Neck Splint can be used on the PIP or DIP joints of the fingers as well as the IP joint of the thumb. Care must be taken when worn on the DIP joint as the splint can slip off

This splint will stop the hyper extension of these joints and keep the finger in a neutral or slightly flexed position. While wearing this splint you will be able to maintain full flexion of the finger.

Commonly used in different forms of Arthritis, it is also beneficial in cases of Ehrlors Danlos Syndrome or other dysfunctions of hyper mobility. It is also used to stabilize fingers damaged by injury or surgeries to the tendons of the finger.

The DS Anti-Swan Neck Splint can be adjusted by spreading the rings further apart for a tighter fit or squeezing them together for a looser fit.



### Additional Options



**Lateral Supports** - The DS Anti-Swan Neck Lateral Support Splint has all of the above features but will also support a lax (loose) joint, offering more stability to the joint. It can also correct a deviating joint that is lax, but will only support a joint that is not correctable. The lateral supports can be added to either side of the splint but is most effective when attached to both sides of the splint. Lateral supports are also added to protect painful joints.

**Pressure Plates** - Occasionally, when the joint has been in a hyper extended position for a long time, the top of the rings can dig into the skin on the dorsal side of the finger and cause discomfort. In these cases, Digisplint can add pressure plates to the splint which make the top of the splint much wider spreading the pressure over a wider area making the splint much more comfortable to wear. Pressure plates can be added to just one ring or to both rings.

**Spacer** - A spacer can also be added to the volar side of the splint for leverage and in the case of swollen PIP joints can make the splint more comfortable to wear.



## Measuring: Digisplint Anti-Swan Neck Splint

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Tools Required: Digisizer and Washable Marker

1. Sketch the placement of the splint on the client's finger with a washable marker. Angling away from the palmar (volar) side of the joint at 45 degrees proximally to the dorsal side of the finger (between the PIP and MCP), then 45 degrees distally to the dorsal side of the finger (between the PIP and DIP).
2. The finger should be relaxed (in slight flexion) when measuring.
3. Slide the Digisizers onto the finger over the sketch you have made. The ring sizer should fit snug so that when you slide the sizer on at an angle and then pull distally, there should be resistance against the skin.
4. Record the sizes and indicate which hand, finger and joint the splint is being made.

To Add a Lateral Support

1. When recording the sizes, also indicate which side of the finger the support is to be placed (ulnar or radial). If only one lateral support is required, the support should be placed on the side opposite to the direction of the deviation. We will also require information as to which hand and finger the splint will be used on. If unsure as to the placement of the lateral support, the most effective support is offered by putting them on both sides.

