



*FlexiOH*<sup>®</sup>  
The Next*Generation*  
Orthopedic Immobilization Technology

## **THUMB SPICA IMMOBILIZER**

# **INSTRUCTIONS FOR USE**

Please read these instructions carefully before application. Stickers should be used from the label to keep record of product identity.

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# FlexiOH<sup>®</sup>

The NextGeneration

Orthopedic Immobilization Technology

FlexiOH<sup>®</sup> is the first of its kind- an orthopedic immobilizer that has the rigidity to hold the fractured part as well as ensuring proper skin ventilation. FlexiOH<sup>®</sup> comes as an easy to fix wearable material on the injured part. After wearing, light treatment completes the curing process and makes the FlexiOH<sup>®</sup> rigid. This process is quick and only takes 3-10 minutes, depending on the size of FlexiOH<sup>®</sup> immobilizer. After the course of therapy, FlexiOH<sup>®</sup> can be removed easily without the use of any other external cast cutter or spreader.

The design and the material of FlexiOH<sup>®</sup> are engineered to provide superior comfort to the patient. A foam, which is in contact with the skin, is bio-compatible (**ISO 10993-10 certified**) and provides cushioning against the hardened polymer. The FlexiOH<sup>®</sup> immobilizer is designed such a way that the intermittent hollow spaces facilitate circulation of air and evaporation of sweat or water from the skin surface.

Radiolucency of FlexiOH<sup>®</sup> short arm cast shows that it does not interfere with the radio diagnosis.

## KEY FEATURES



Safer



Washable



Latex Free



Comfortable



Breathable



Lightweight



Quick Application

## FlexiOH<sup>®</sup> THUMB SPICA IMMOBILIZER

FlexiOH<sup>®</sup> Thumb Spica immobilizers are designed for immobilization of thumb. It has an built-in soft hook and loop fastener which is very comfortable for skin contact. It is used to provide support for thumb injuries (ligament instability, sprain or muscle strain), gamekeeper's thumb, De Quervain's syndrome or fractures of the Scaphoid or first metacarpal. Doctors need to apply it on the patient's hand and then cure it with the RizeyCure<sup>®</sup> light device (recommended) or direct sunlight for around 3-5 minutes depending on the size of immobilizer, until it gets rigid.

FlexiOH<sup>®</sup> Thumb Spica Immobilizer comes in 3 different sizes : S, M and L. All of the immobilizers vary in terms of palm circumference, wrist circumference, and thumb circumference. For the best fit of FlexiOH<sup>®</sup> Thumb Spica Immobilizer, taking the measurement of patient's hand is necessary before application.

### INTENDED USE

Absolute washable orthopedic Immobilizer for immobilization of thumb.

- Scaphoid fracture – seen or suspected
- De Quervain tenosynovitis /  
Other ligamentous or soft tissue injuries to the thumb.
- Non-angulated, non-displaced, extra-articular fractures at the base of the first metacarpal

**CAUTION :** In any case of constant discomfort, skin rashes, increased pain, numbness or redness of the skin, Patients should consult immediately to HCPs. FlexiOH<sup>®</sup> should be removed immediately if required as per HCP's opinion.

## DO'S AND DONT'S

### Do's

- You can perform normal day-to-day activities which require less movement of the fractured part while wearing FlexiOH® immobilizer.
- You can take bath / shower and enjoy shallow swimming pool but not very deep.
- Clean your immobilizer on regular interval to maintain your skin hygiene.
- Keep injured limb in elevated position in order to reduce swelling. Dry FlexiOH® immobilizer with hair dryer if required.

### Dont's

- Do not touch upper surface of FlexiOH® immobilizer during light curing process. Its higher temperature may cause burns.
- Do not lift any weighted object from the fractured hand without your doctors permission.
- Do not try to remove hand from FlexiOH® immobilizer without your doctors permission.
- Avoid swimming/ any outdoor or indoor games which involves strenuous muscle-skeleton activities.
- Protect from hot beverages as it can burn your skin.

## POLICY AND FEEDBACK

We aim to provide quality product with patients' comfort and convenience. We are always ready to improve our product. We love to hear from you about your experience with FlexiOH® immobilizer. Your opinion and suggestions are valuable for us.

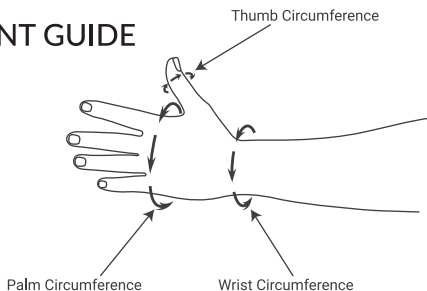
In case of any inconvenience regarding FlexiOH® immobilizer, you can directly write to us. Contact informations are available on the contact page.

NOTE: Do's and Dont's are just for information purpose. This may not be considered in every fracture cases. Take your physician's advise before following it.

## SPECIFICATION

Materials:	Silicone Rubber (USP VI), Light curable resin and Nitrile Rubber foam
Curing System:	RizyCure <sup>®</sup> Light device or Direct sunlight
Ultimate Tensile Strength:	1.25 kN ( $\pm 10\%$ )
Ultimate Compression Strength:	3.5 kN ( $\pm 10\%$ )

## MEASUREMENT GUIDE



## SIZE CHART (in cm)

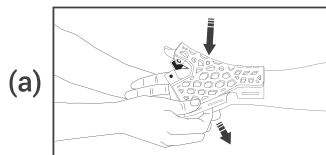
Size vs Measurement:	S	M	L
Palm Circumference:	16	18	23
Wrist Circumference:	15	16	21
Thumb Circumference:	5.5	6.5	8.5

### Notes :

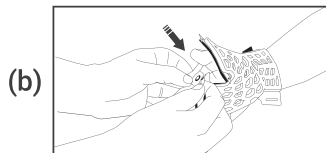
- \* Above sizes fit better as per dimensions mentioned in the table.
- \* However FlexiOH<sup>®</sup> adapts to an oversize to a certain extent by stretchability.
- \* We advise healthcare professionals to choose the size as per patient's comfort.

## APPLICATION PROCESS

FlexiOH<sup>®</sup> Thumb Spica Immobilizer application process is as follows -



Take FlexiOH<sup>®</sup> Thumb spica immobilizer and place in the way that it cover thumb tip and metacarpal line.



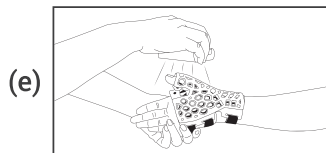
First Lock the press button around palm.



Then tighten the loops first arond the palm and then loop around the wrist.



Lock the press button arond the thumb area. Then start curing around the thumb area with RizyCure<sup>®</sup> light device.



Once thumb is immobilized, expose rest of the immobilizer for 3-5 minutes.

After completion of curing process, if immobilizer is tight around the thumb. Cut the snap button and use back to back strap.

NOTE: Patients may be advised to keep hand position static for about 10 minutes after curing process to achieve its maximum rigidity.

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