

## **Post-Operative Hand & Wrist Rehabilitation**

These multidisciplinary guidelines form the basis of a progressive rehabilitation programme. These are general guidelines for the most common hand & wrist surgical procedures and are not designed to replace sound clinical reasoning. Any specific instructions from the consultant orthopaedic team either verbally or in post-operative notes must take precedence.

Despite the guidelines having timeframes and management suggestions it is important to “support the philosophy that every patient must be managed according to their individual needs and the variable characteristics of injury, surgical findings and lifestyle”.

## Arthroscopic TFCC debridement

	Day 0	2 weeks	4 - 6 weeks	6 - 12 weeks	12 weeks
Advise	<ul style="list-style-type: none"> <li>Elevate, particularly in first 24-48 hours</li> <li>Can move fingers gently within bulky bandage.</li> <li>Avoid using hand for ADLs</li> <li>Keep clean and dry</li> </ul>	<ul style="list-style-type: none"> <li>Removal of sutures</li> <li>Scar management</li> <li>Gentle AROM exercises are initiated at the wrist (linear motion), forearm (in the neutral position), hand, and digits</li> </ul>	<ul style="list-style-type: none"> <li>AROM exercises for fingers, hand, and wrist.</li> <li>Patient continues ADL tasks to restore motor control.</li> </ul>	<ul style="list-style-type: none"> <li>AAROM and PROM may begin below the pain reflex level.</li> <li>Commence gentle isotonic strengthening with light putty with the forearm in the neutral position.</li> <li>Work on end-range motion below the pain reflex level to restore the full range of motion</li> <li>Continue AROM exercises.</li> </ul>	<ul style="list-style-type: none"> <li>PROM exercise</li> <li>Progressive strengthening</li> <li>Isotonic strengthening with putty</li> <li>Isotonic wrist flexion and extension with weight (start slowly with the minimal weight to prevent a setback to the inflammatory phase)</li> <li>Isometric strengthening with grip and hold</li> <li>All strengthening conducted in linear motion patterns while maintaining a neutral forearm position.</li> </ul>
Avoid	<p><b>AVOID:-</b></p> <ul style="list-style-type: none"> <li>Avoid forced movements or repetitive activities.</li> </ul>				

### Hints

- Wound healing occurs at differing rates in different people and the time frames for suture removal and scar management are a guide only.
- Where there is significant pain and swelling, exercises should be kept within comfortable limits during the initial post-operative weeks.
- If there are concerns about wounds, then this should be discussed with the surgeon
- Any concerns about CRPS, then early discussion with the surgeon is recommended