



Proximal Interphalangeal Joint Arthroplasty

Therapy Instructions

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1 week

Therapy is started to focus on recovery of motion to the finger joints adjacent to the arthroplasty. In addition, a removable splint is fashioned for the affected joint(s).

Splint:

- Fashion a hand-based volar finger splint that spans the PIP joint, leaving the DIP and MCP joints free.
- Wear splint at all times, including with therapy.

Motion:

- AROM/AAROM/PROM of the fingers and finger joints adjacent to the arthroplasty.
- Flexor and extensor tendon gliding exercises.
- Forearm motion unrestricted.
- No radial or ulnar deviation to the PIP joint at any point in therapy.
- 2 lbs lifting restriction.

Edema Control:

Coban, digit sleeves, ACE wrap, edema modalities per therapist.

2-6 weeks.

Splint:

- The splint can be removed with therapy or home exercises starting at 2 weeks, but otherwise should be worn full-time until 6 weeks.
- Continue splint during other activity and at night.

Motion:

- AROM/AAROM/PROM of the fingers and finger joints adjacent to the arthroplasty.
- AROM out of the splint to the operated joint at 2 weeks
- AROM/AAROM/PROM out of the splint at 4 weeks
- Flexor and extensor tendon gliding exercises
- Wrist/forearm motion unrestricted
- 2 lbs lifting restriction.

Edema Control:

Coban, digit sleeves, ACE wrap, edema modalities per therapist.

6 -10 weeks

Continue to focus on finger ROM and begin to include strengthening. Transition to home exercise program by 8-10 weeks as symptoms allow.

Splint:

- Wean from splint during daytime; continue at night until 10-12 weeks.
- If an extensor lag is present, re-mold splint to hold PIP joint in full extension.

Motion:

- Begin gentle finger strengthening using putty or other modalities per therapist.
- 5 lbs lifting restriction starting at 6 weeks.
- 10lbs lifting restriction at 8 weeks.

Edema Control:

Per therapist

10-12+ weeks

Continue therapy past 10 weeks only if additional work conditioning is required.

Splint:

- Discontinue if still using during the day.

Motion:

- No restrictions at 10 weeks.