

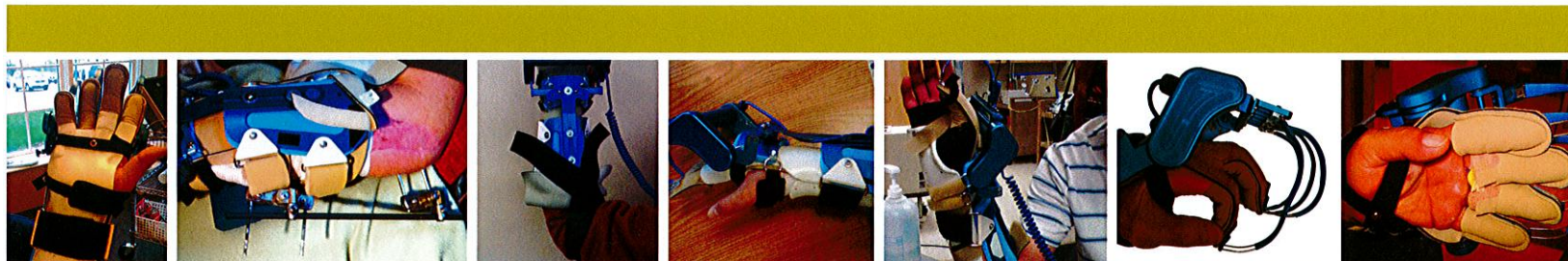
## Indications

For the treatment and prevention of intra-articular adhesions, extra-articular contractures, and excessive post-operative swelling. Vector1 has been used for, but is not limited to the following diagnoses:

- Tenolysis
- MP Arthroplasty
- Burn
- Degloving
- Flexor tendon repair
- Stiff hand syndrome
- Extensor tendon repair
- Post external fixation
- Edema
- Skin graft
- Dupuytren's contracture
- Complex Regional Pain Syndrome
- ORIF

## Patient Benefits

- Less post-operative pain and edema.
- Decreased length of time for wound and soft tissue healing.
- Decreased rehabilitation and recovery time.
- Maintains ROM between rehabilitation sessions.
- Reduction in length of time to reach desired ROM.
- Adjunct to clinical therapies.



# Vector1

Strongest motor on the market to prevent rebound of unit during prescribed ROM

Increased ROM for a full composite fist

Glove feature to ease donning and doffing of unit facilitates increased compliance



To Order Call: Joints In Motion Medical, LLC  
262-547-4276 toll-free: 866-546-4276

# Lantz Medical



## 48 Hour Rule

When considering a Vector1 Hand CPM for your patient, it is very important to keep in mind the "48 Hour Rule" as it often is a determining factor in insurance coverage.

Most insurance companies subscribe to the clinical benefits derived from using CPM within "48 Hours" post-operatively. Numerous clinical studies have demonstrated that early passive motion prevents adhesions and contractures while enhancing hemodynamic nutrients. Collagen deposition is less randomized and scar tissue is laid down in a more linear fashion as edema is pushed out during those first critical "48 Hours".<sup>1,2,3,4,5</sup>

Thank you for keeping the "48 Hour Rule" in mind when ordering a Vector1. Lantz Medical representatives communicate regularly with surgery schedulers to ensure guidelines are properly followed for optimal patient coverage. It is our goal to keep you informed so your patients receive the highest level of service possible. Lantz Medical and our distributors look forward to assisting in your patients' positive outcomes.

**\*Note: Work Comp has no "48 Hour Rule" requirement.**

1. Salter RB (1994, May). The physiologic basis of continuous passive motion for articular cartilage healing and regeneration, *Hand Clinics*, 10(2), 212-214
2. O'Driscoll SW, Giori NJ: Continuous passive motion (CPM): theory and principles of clinical application, *J Rehab Res Dev* 37:179, 2000.
3. Hastings H, Carroll C: Treatment of closed articular fractures of the metacarpophalangeal and proximal interphalangeal joints, *Hand Clin* 18:4, 1988.
4. Frykman GK, et al: CPM improves range of motion after PIP and MP capsulectomies: a controlled prospective study. Abstract 72. Proceedings of the 44th annual meeting of the American Society for Surgery of the Hand, Seattle, September, 1989.
5. Letsch R, et al: Intra-articular fractures of the distal humerus, surgical treatment and results, *Clin Orthop Rel Res* 241:238, 1989.



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