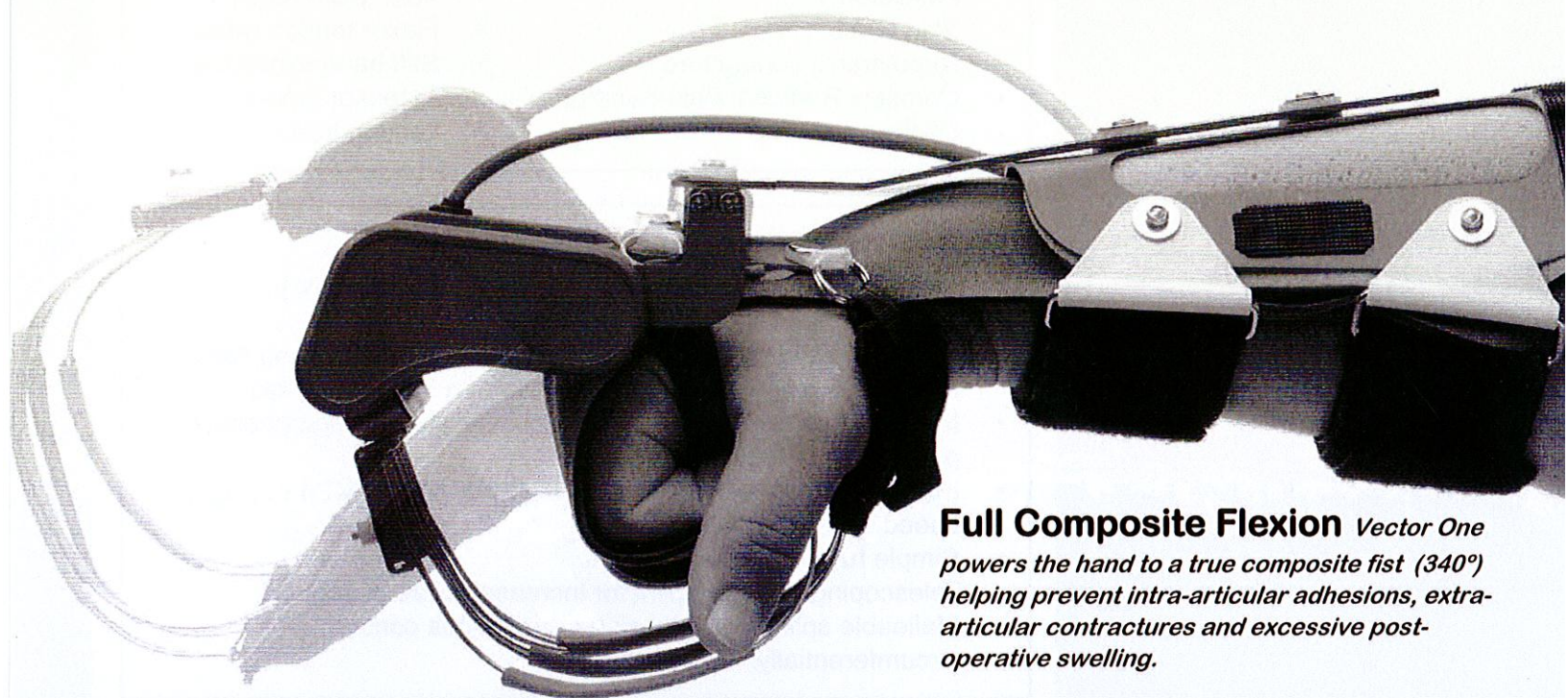
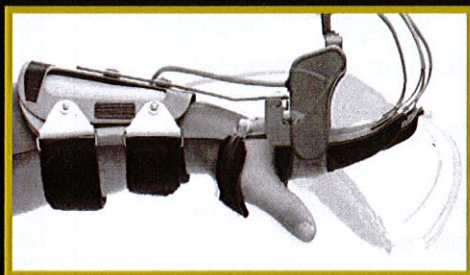


Vector1

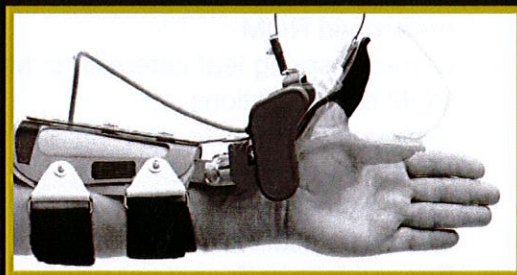
Innovation In Continuous Passive Motion



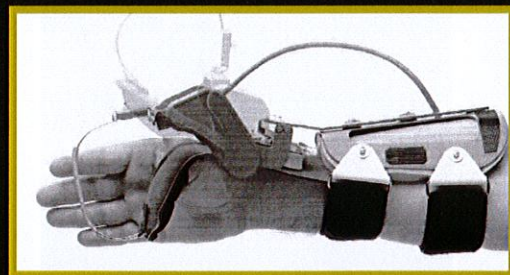
Full Composite Flexion *Vector One* powers the hand to a true composite fist (340°) helping prevent intra-articular adhesions, extra-articular contractures and excessive post-operative swelling.



Hyperextension *Vector1* brings the hand into hyperextension maximizing palmar/digital stretch and elongation. The lightweight device sets up quickly and is easy to operate.



Thumb Abduction *Vector1* can be utilized effectively for thumb rehabilitation by rotating the splint 90° to the radius and making a simple glove change.



Thumb Adduction *Clinicians* will appreciate how the *Vector One's* malleable dynamic spring leaf caterpillars allow for a variety of injury considerations.

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.

- MP arthroplasty
- Tenolysis
- Escharotomy
- Fasciotomy
- Skin Graft
- Dupuytren's contracture
- Complex Regional Pain Syndrome
- ORIF
- Edema
- Burn
- Degloving
- Volar plate repair
- Flexor tendon repair
- Stiff hand syndrome
- Extensor tendon repair
- Tendon transfer

Key Features and Benefits

- -21° hyperextension to 340° flexion (full composite fist).
- 9 gradations of speed: low-end torque.
- Up to 45 minutes, 25 seconds of pause at extension and flexion limits which allows for a controlled stretch and rest period.
- Intrinsic plus/safe hand position accomplished by first phalanx positioning of finger plates.
- Intuitive and convenient digital display of angle, ROM settings, speed and force.
- Simple hand control functions.
- Telescoping forearm splint for increased base of support.
- Malleable splint for increasing surface area contact circumferentially.

Clinical Advantages

- Strongest motor on the market to prevent rebound of unit during prescribed ROM.
- Dynamic spring leaf caterpillars: Malleable to accommodate ROM considerations.
- Glove option to ease donning and doffing of unit facilitates increased compliance.
- Programmable force, ROM and speed to accommodate vast clinical considerations for optimal outcome.
- Expand feature for patient warm-up.
- Pause feature increases low load prolonged stretch to enhance tissue elongation.

