

## Benefits • CGO II

### • *The CGO*

- Is unnoticeable in daily activities
- Does not immobilize
- Improves grip strength
- Increases endurance
- Fast acting therapy through motion

### • *Independent Industrial Trials Have Reported*

Immediate grip strength increase and wrist pain relief with unlimited return to work & normal activities of daily living. Symptom relief experienced in all participants who consistently reported normal hand use & increased productivity.

### Testimonials:

*"The TED protocols and the Carpal Glove have been an integral part of our program designed to eliminate/reduce our Worker's Compensation Costs. I know for a fact that the use of these tools has helped us resolve symptoms in a non-surgical manner. This not only helps the company avoid costs, but more importantly the employee's symptoms and pain have been resolved in a shorter time frame without putting themselves and their family through the stress, pain and risk of a surgical procedure."*

Chris Smith, Manager of Human Resources, Delta Faucet – Chickasha

*" My pain eventually escalated to the point that I considered changing my career... Not only did my splint enable me to continue playing the harp it did not restrict my complicated hand movements in any way. I am truly forever grateful to Roger and his research which has allowed me to not only continue with my life but allowed me to do so in a pain free manner. "*

Gaye LeBlanc, Principal Harpist, Oklahoma City Philharmonic Orchestra

*"Treatment according to the model provided by Mr. Williams will allow rapid noninvasive conservative successful treatment of most cases of CTS including surgical failures"*

Gabriel M Cuka, MD, MBA, MS

*"The results were amazing. The reduction in pain came quickly and the process did not require me to change my lifestyle."*

Penny Hoke, R. N.

*"Splints were fitted on Friday. By Sunday she had reached her line count without pain. More importantly she reports no aching during typing. "*

Cynthia Mathis, OTR/L

## CARPAL GLOVE ORTHOSIS: CGO™



## *Protection Through Motion*

***Co-dynamic™: "To Assist In The Planes Of Motion While Providing A Therapeutic Effect In The Course Hand Activity"***



Theraid Mfg. Inc. Phone: (405) 732-8900  
2904 Parklawn Drive Fax: (405) 732-8974  
Midwest City, OK 73110 E-mail: sales@carpalglove.com  
73110

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www.carpalglove.com

## SCIENCE

**Carpal Tunnel Syndrome, (CTS):** Often reported by people who perform the same kinds of activities in their work, play or hobbies. Traditional explanation depends on the theory of "repetitive motion" as the cause. Anatomically the space in the wrist tunnel is believed to be irritated and that causes pressure on the larger nerve in the wrist. Common recommendations for treatment involve immobilizing with a brace, grip strengthening, therapy, steroid injections, and surgery.

**Literature Review:** Researchers are confirming with greater regularity that problems accompany immobilization or bracing & may contribute to the need for surgery because of increased pressure on the nerve tunnel by the rigid bracing. The Bureau of Labor & Statistics (BLS) have reported that nearly 60% of patients have return of symptoms within 5 years of surgery. Lost range of motion, lost grip strength and hand function have been well documented when resorting to wrist splints and braces. Return to work while wearing braces is cumbersome and often deleterious with little long term benefit.

**Classic Symptoms:** CTS is characterized by tingling, numbness and pain usually in the wrist, fingers and thumb. Traditionally, it is believed that repetitive motion causes CTS but many people who are diagnosed with CTS do not perform repetitive tasks in their work. The symptoms may cause one to avoid using their hands, shake their hands often to relieve symptoms or wear wrist braces.

**Alternative & effective:** CTS has consistently responded well to a new, effective tool called a CoDynamic™ Orthotic designed according to 15 years of research and development. The orthotic does not limit hand motion, Fig. 3, but addresses a little known component function of the wrist that sometimes becomes out of balance & shifts in one direction excessively, Fig. 1. Slight counter interference developed by sophisticated diagnostic equipment allowed patients with CTS to treat their condition while continuing to work, play & everything one does.

## NEW THEORY

**CO-DYNAMIC™ is the basic principal with which thousands of patients have experienced relief from symptoms of CTS. The treatment is commenced when you use your hands. By returning to your lifestyle activity and productivity symptoms are resolving.**

Fig. 1 Wrist drop anatomically.  
Fig. 2 Fluoroscanner Image reveals the patented technology carefully engineered & CNC machined to exacting standards to reduce symptoms while encouraging immediate return of hand function.

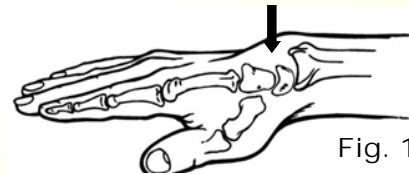


Fig. 1

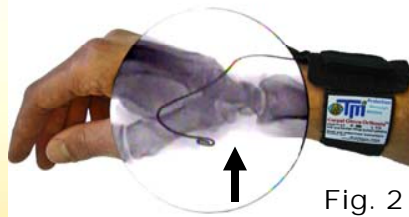


Fig. 2



Fig. 3

Fig. 3 Wrist movement is totally free to perform the intricate yet often powerful hand activities of daily living. The more your hand and arm perform the sooner relief is experienced often immediate.

Grip strength has been clinically documented to increase substantially in 60% of CTS patients

## NEW TECHNOLOGY

**The patented CGO™ is the world's first Co-Dynamic™ Orthosis.**



Fig. 4

Simplicity  
Research  
Productivity  
Dependability =  
Symptom Resolution

**The embedded technology of the spring applies a controlled resistance that:**

- **Interferes with a little known but critical hand function (wrist drop) that left unchecked, continues to complicate symptoms of CTS**
- **Restores normal wrist alignment**
- **Eliminates symptoms of tingling numbness and pain associated with Carpal Tunnel Syndrome**
- **Allows for and promotes immediate return to the customary activities at hand, what every they may be**