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# Effective Therapy from Experienced Professionals

Western

Pennsylvania Sports Medicine &

Rehabilitation Clinic Inc.

## The Power (and Weakness) of the Wrist



A wrist fracture has the potential to impact daily life for an extended period of time. Wrist fractures result from falls, sports activities and improper lifting. Owing to the complex architecture of the bones, muscles and ligaments in the wrist and hand, healing can take a while.

The wrist itself is not a bone, but a joint connecting the hand and the forearm. The type of treatment will depend upon the nature and the extent of injury to the bones, muscles and ligaments. Typical symptoms include pain, swelling and bruising especially with movement.

In some cases, nerve involvement can result in a tingling sensation in the fingers. It is important to rest and restrict motion to allow the injury to heal and to prevent displacement of bone fragments and other complications.

Wrist fractures are typically treated by applying a cast that holds the wrist in place, provides protection from movement and helps reduce pain. At times, surgery may be required.

# **Rapid Return to Function with Physical Therapy**

During the healing period, the wrist is kept immobilized. This allows sufficient time for the healing process. The physical therapist will select the appropriate rehabilitation option to reduce pain and restore functionality. Some of the options include:

#### Exercise

After removal of the cast, patients may experience some discomfort and weakness as they start to use their wrist again. A customized

physical therapy exercise program is a critical component for easing pain and building strength while restoring functionality and dexterity in the affected area.

#### Hot and Cold Therapy

Hot and cold packs are used to alleviate pain and swelling once the cast is removed and throughout rehabilitation.





Frank T. Zock, PT, SCS, ATC

BS: Physical Therapy, University of Pittsburgh Board Certified: Clinical Specialist, Sports Physical Therapy Member: American Physical Therapy Association

A Portage native, Frank has spent his career specializing in Orthopedic and Sports Physical Therapy. As a Certified Athletic Trainer and Specialist in Sports Physical Therapy, Frank has treated numerous high school, college and professional athletes. This considerable experience can also help you when you have pain or an injury.

Call us today for an evaluation of your condition.

CALL TODAY TO SCHEDULE YOUR APPOINTMENT!

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# Our Many Specialty Areas Deliver Outstanding Therapy Solutions.

- Graston Technique<sup>®</sup> Treats Scars, Adhesions and Muscle Injuries
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- Orthopedic Physical Therapy
- Industrial Rehabilitation
- Neurological Rehab
- Foot & Ankle Therapy
- Hand Therapy
- Pre and Post surgical Orthopedic Rehab
- Sports Performance Enhancement Programs
- Silver Sneakers Program

Call one of our 5 locations to schedule an evaluation of your condition.

#### Mobilization

A therapist performs manual therapy techniques to relieve joint stiffness and restore a normal range of motion.

#### Ultrasound

Soft tissue is stimulated below the surface of the skin using audio waves to accelerate the healing process through cellular regeneration while decreasing pain and swelling.

#### **Electrical Stimulation**

This method is an effective tool for alleviating pain, strength training and rehabilitation for joints that have been inactive for extended periods of time.

#### **Therapeutic Massage**

Therapeutic massage offers many benefits. It can relieve stress in stiff joints (giving the patient a better range of motion) and enhances the body's own ability to heal itself. Depending upon the needs of the patient, a variety of massage techniques can be used to reduce inflammation and relieve pain.

### **Don't Get Sidelined**

Often, patients seek over-the-counter painkillers to deal with wrist pain, since it's an inconvenience.

Sometimes, patients are reluctant to schedule time to have a wrist examination, despite significant pain. Getting the wrist checked as soon as possible is important since it can help avoid serious complications down the road.

Wrist fractures are painful and affect the ability to perform daily tasks. Without proper strengthening and rehabilitation, recovery can be a long, painful process. If you are experiencing pain from a wrist injury, we can create a customized treatment plan that will reduce pain, restore mobility and facilitate recovery. Call us today to ensure a quick and speedy recovery.

# **Western Pa Sports Medicine & Rehab Offers**



**Transportation Services For Our Patients!** 

### Call today to schedule in one of our 5 convenient locations.

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