

Azul Massage and Body Care: Monthly Newsletter

September, 2017 Member, Associated Bodywork & Massage Professionals

Carpal Tunnel Syndrome

Bodywork Treatment Proves Successful

Cathy Ulrich

It started as a vague feeling of numbness in her thumb and first two fingers, then progressed slowly to a definite tingling that woke her several nights a week. "It's not so bad on weekends when I have a chance to rest my arms, but it's now getting in the way of things I like to do at home," says Marie, who spends long hours during the work week typing at her computer keyboard. "I love to knit and cook, and I've had to curb these activities, as well."

Diagnosed with carpal tunnel syndrome, Marie displayed the classic symptoms: soreness in her forearms, pain in her hands at the end of a long day at the computer, and a feeling of tightness that had spread from hands and wrists all the

the same way many times a day over a long period of time, she has literally worn out the tissues involved in that motion. This type of injury -- called a repetitive strain injury, or RSI -- creates tiny tears in the fibers of the soft tissues of the body. While they don't immediately cause loss of function, these micro-tears set up conditions for chronic inflammation that will eventually manifest as pain, soreness, tightness, tingling, and burning.

CTS

The hand and wrist combination work together as an amazing, mechanical anatomical wonder. Imagine a set of ropes and pulleys that travel from the

"The way to get started is to quit talking and to start doing" ~Walt Disney



Working at a computer keyboard for long hours each day can bring on carpal tunnel syndrome.

way to her elbows. And recently, she'd been getting headaches.

Marie has a couple of different options for treating the problem. "My doctor tells me he can operate, but the surgery isn't always successful," she says. "He recommends I try bodywork first."

Because Marie does the same motion in

elbow through the wrist to the finger tips. The muscles reside in the forearm, moving the fingers via long tendons that run through channels in the wrist. The nerves that send and receive sensory and motor information from the brain run alongside the tendons through these same channels.

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Office Hours and Contact

Azul Massage and Body Care

810-522-5460

Sun. 12:00-6:00 PM

Mon. 12:00-9:00 PM

Tues. thru Thurs. 10:00 AM -9:00 PM

Fri./Sat. 10:00 AM - 8:00 PM

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When bending or straightening a finger, these tendons slide back and forth, just like cables. When continually working at a keyboard and using the same motion in the same position thousands of times a day -- like millions of Americans do -- the cables begin to wear. And just like threads in a rope, some of the collagen fibers will tear. This process progresses until enough fibers are torn that the body develops inflammation in the tendons and sheaths. Swelling ensues, which pinches the nerves, producing the classic symptoms of tingling, swelling, and even loss of grip strength.

The Bigger Picture

The symptoms of carpal tunnel syndrome may reveal an even bigger problem. The nerves that carry sensory and motor information to the hand arise from the spinal cord in the neck, travel under the collar bone, through the armpit and elbow, all the way to the wrist. A nerve can become entrapped at the neck, shoulder, elbow, or wrist, and an impingement in any of these places can have a cumulative effect on the tingling felt in the hands. These entrapments are usually caused by poor postural habits. The soft tissues become shortened around habitual positions of rounded shoulders and forward head from working long hours at the computer and the channels where the nerves travel through the shoulders and arms can close down. Sound familiar?

Can Bodywork Help?

A recent study conducted at The Touch Research Institute at the University of Miami School of Medicine looked at the efficacy of bodywork in treating carpal tunnel syndrome. Researchers found that after the completion of four massage sessions, the participants experienced an improvement in grip strength and a decrease in pain, anxiety, and depression. Participants also showed improvement in specific medical tests used to diagnose carpal tunnel syndrome.

This landmark study verifies what bodyworkers have observed clinically for years: Massage -- and especially deep tissue techniques, such as neuromuscular therapy, Rolfing, and Hellerwork -- can reorganize the connective tissue fibers, break up scar tissue, and reduce or eliminate the cause

of inflammation. Soft tissue work helps realign these tiny fibers of the tendons and sheaths, and the body can then heal itself -- and ease or even eliminate carpal tunnel syndrome.

Bodywork to the entire arm, shoulder, and neck will also free soft tissues where hidden tightness can contribute to the problem. Soft tissue inflammation can travel through the continuous connective tissue framework from fingertips to head and even cause headaches -- as was the case with Marie. Massage can restore these tissues to normal function.

Other Considerations

In addition to bodywork, it's important to evaluate postural habits, work station positioning, and movement patterns. When workers become so focused on their work that they forget their bodies, they tend to maintain positions that

contribute to the cause. It's important to identify several ways and several positions to accomplish the same thing. Moving the mouse from one side to the other, even during the same day, can help prevent fatigue and tissue failure. Wrist rests and keyboard trays are important, and a regular stretching routine is essential.

Finally, along with exercise and good nutrition, include bodywork as part of your regular health maintenance program. Regular massage reduces connective tissue inflammation and prevents scar tissue from forming. Movement education, such as the Alexander Technique, Feldenkrais Method, structural integration, and Trager Approach can help correct postural issues that also contribute to the problem. Bodywork is a treatment of choice to keep carpal tunnel syndrome from slowing you down.



Massage and bodywork can help mitigate the symptoms of repetitive stress injuries, like CTS.

Footprints for Health

You walk on them all day, but did you know your feet do more than carry you from one place to the next? They also have a unique connection to balanced health and well-being. In a form of bodywork known as reflexology, the feet are said to contain reflex areas that mirror and connect to all parts of the body--and pressure on these points can actually influence your state of health.

Reflexology is viewed primarily as a stress reduction or relaxation technique. Using the thumb, finger, and hand, gentle pressure is applied to reflex areas of the feet in order to decrease stress and bring the body into equilibrium.

Although simplistic in application, the effects of the treatment can be profound. Through activation of nerve receptors in the hands and feet, new messages flood into the body system, changing its tempo and tone. In essence, the foot or hand becomes a conduit for sharing information throughout the body. Function in the connecting area is

improved and, at the same time, the body experiences overall relaxation and benefits to the circulation and elimination systems. When the body's systems are at optimal functioning, self-healing is enhanced.

Scientific studies have documented the benefits of reflexology for a variety of ailments, ranging from reduction of pain, improvement in circulation, and release of tension, to improved effectiveness of medication, as well as benefits for diabetes and headaches.

In this sense, reflexology is not a medical treatment for specific symptoms or diseases, but rather a way to facilitate the body's inherent healing power.



Treat your feet, and body, to reflexology.

Try This Breathing Exercise

Anne Williams

Do you ever find yourself unconsciously holding your breath when you're tense? This can cause tension to build in your body and may let the chest collapse, leading to misalignment.

Proper breathing provides oxygen to the muscles and body, helps you stay relaxed and centered, and even helps you maintain correct body alignment throughout your day.

You can also use breathwork as part of a stress-reduction program by following this progressive relaxation exercise.

1. Begin by lying in a comfortable position without crossing your arms or legs, and focus on your breathing to create a slow, deep pattern. Inhale through your nose while counting to 10 and expanding your abdomen. Hold the breath for one second, and exhale

through your nose on the count of 10. Inhale and exhale in this pattern five times.

2. Beginning with your head, tense your facial muscles as tightly as possible and count to five. Release the muscles completely, and sense the muscles feeling heavy and still. Work down your entire body, tensing muscle groups and then relaxing them. After the head, move to the neck, chest, arms and hands, abdomen, back, thighs and gluteals, lower legs, and feet.

3. After relaxing each set of muscles, mentally scan your body for any areas of remaining tension and ask those areas to relax completely.
4. Repeat the slow breathing exercise.

5. Gently begin to move your body to come out of the deeply relaxed state.

Try using progressive relaxation directly

before or after your sessions, directly before bed, or at any time during the day as a pick-me-up. Focus on taking full, deep, even, rhythmic breaths. With a little practice, you can become more aware of your own breathing patterns and use breathwork effectively as you move throughout your day.

*"Every strike
brings me closer
to a home run!"
~Babe Ruth*

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