

BACK PAIN AND MASSAGE

NOV/DEC 2011

Member, Associated Bodywork & Massage Professionals

Back Pain and Massage

How Bodywork Can Help

Karrie Osborn

Whether it's a pulled a muscle from yoga class or an afternoon basketball game, or a long-term pain caused by injury, most of us will come to know the beast that is called back pain. In fact, when it comes to low-back pain specifically, researchers say that 70-85 percent of the population will experience it at some point in their lives.

Causes of Pain

Experts say the cause of back pain can be the result of several factors. High on the list is stress. When our body is stressed, we literally begin to pull inward: the shoulders roll forward and move up to the ears, the neck disappears, and the back tightens in the new posture. "It's an

ergonomics, lack of exercise, arthritis, osteoporosis, a sedentary lifestyle, overexertion, pregnancy, kidney stones, fibromyalgia, excess weight, and more can contribute to pain.

Geoffrey Bishop, owner of Stay Tuned Therapeutics in Flagstaff, Arizona, says mechanics is the main cause of back pain that he sees in his practice. "It's mechanics, including repetitive use and ignorance about preventative postures, and neglect by employers and employees to provide rest and recovery." The past also plays a part, he says. "Old injuries and traumatic events, left untreated and unresolved, seem to dictate where stress lands in the back as well."



Studies show that massage therapy helps reduce back pain more than some medications.

armor effect," says Angie Parris-Raney, a Denver-based massage therapist who specializes in deep-tissue massage and sports therapy. "That protective mode, with the muscles in flex, can even result in visceral problems," she says, where the pain also affects internal organs.

In addition to stress, poor posture, bad

Massage Offers Hope

Those who suffer with back pain know there are no easy answers for chasing the pain away. Physical therapy has proven effective for some sufferers, as has chiropractic and acupuncture, but massage therapy is also making a name

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Everything that is really great and inspiring is created by the individual who can labor in freedom.

-Albert Einstein

Office Hours and Contact

JuliasTherapeuticMassage.com

Julia Cini, CMT

703-402-1710

Monday-Friday 7AM-7PM

Every Other Saturday 2PM-5PM

Every Other Sunday 7AM-7PM

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for itself when it comes to providing relief. In fact, research has shown that massage can be a great friend to the back-pain sufferer.

"Massage therapists have long treated low-back pain safely and effectively," says Les Sweeney, president of Associated Bodywork & Massage Professionals. "They have done so less expensively and less invasively than is possible with other treatments."

In fact, a study by the Group Health Research Institute in Seattle found that massage was more effective at treating low-back pain than medication. Patients who received massage once a week for 10 weeks were more likely to report that their back pain had improved, and improvements were still present six months after the study. Other research from the University of Miami School of Medicine and the Touch Research Institute showed that massage can decrease stress and long-term pain, improve sleep and range of motion, and help lower the incidence of depression and anxiety that often accompanies back pain.

For Parris-Raney's clients, the length of pain relief provided by massage therapy varies depending on the condition they are experiencing. Getting on a regular massage schedule, however, has really helped her clients manage the back pain, she says. When they go past their normally scheduled appointment, "their bodies know it's time to get a massage again." Whether it's just helping clients get through the day, or reminding the stressed-out office worker to breathe, Parris-Raney says massage can play an important part in back pain relief.

Whitney Lowe, owner of Oregon's Orthopedic Massage Education & Research Institute, says the benefits of massage for back pain depend on the primary cause of the pain. "If it is predominantly muscular pain, then massage has a great deal to offer in reducing pain associated with chronic muscle tightness, spasms, myofascial trigger points, or those types of problems. If it's something caused by a joint alignment problem or compression on a nerve, for example, then the role of massage might be somewhat different, such as helping to address the biomechanical dysfunctions,

but not really being able to get pressure off the nerve itself."

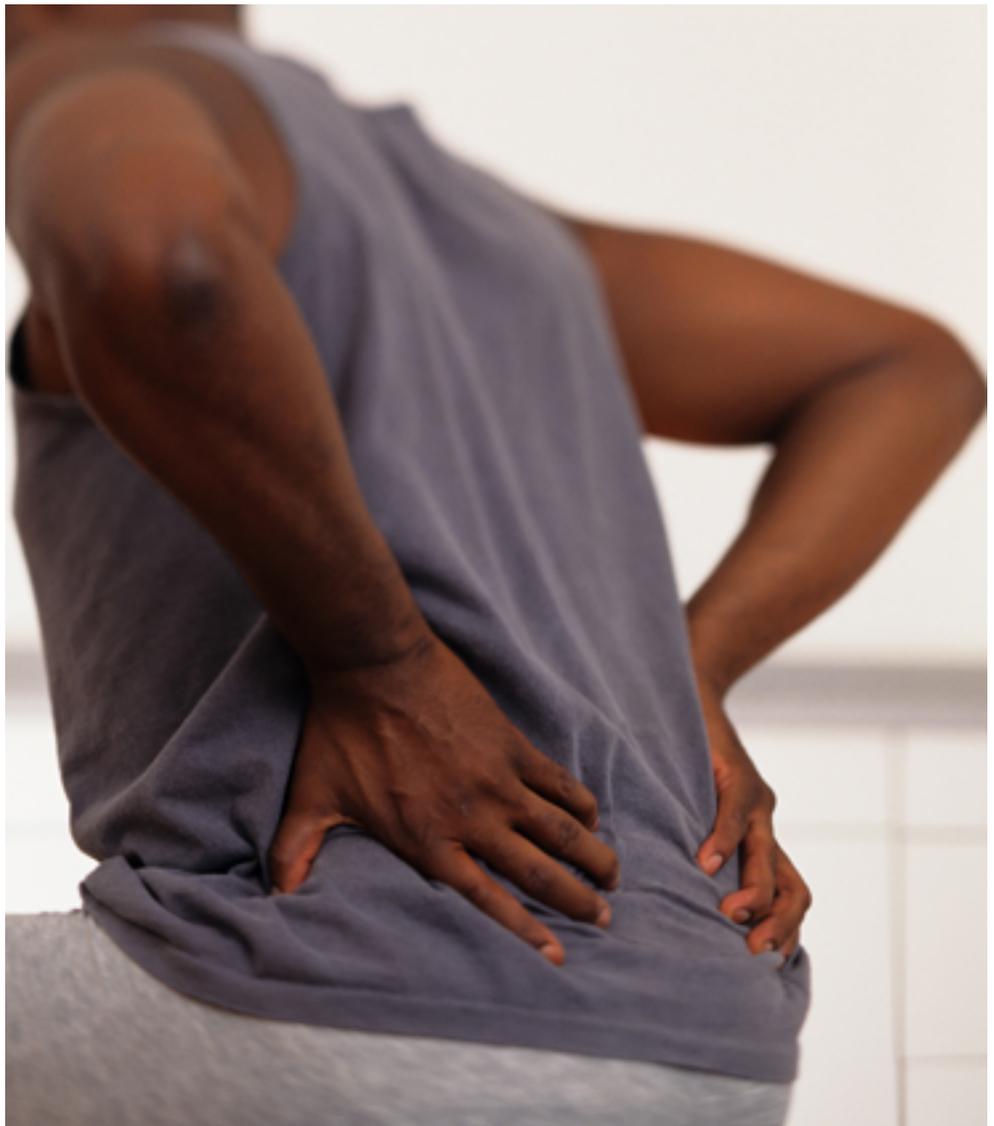
Massage Works

When it comes to back pain, there are a lot of options out there. Ultimately, massage, and its myriad benefits, might be a viable answer. For back pain sufferers, Parris-Raney says massage can work wonders. "Massage can help relax the body, relax the psyche, and improve a client's range of motion and circulation to the affected tissues," she says. Not only can massage help directly with the pain, but it can also make life a little easier, too. "Massage lets you tap into the parasympathetic system," she says, "and tap into all the good hormones that help you sleep better and help you handle stressors along the way." All of that helps in building a healthier back and a happier you.

Benefits of Massage

From stress relief to skin rejuvenation, the benefits of massage are extensive. When it comes to managing back pain, however, there are some specific benefits touch therapy can offer:

- Improved circulation. With increased circulation comes faster recovery time for sore, overworked muscle tissues.
- Increased release of endorphins. The prevalence of these natural painkillers is boosted every time you have a massage. This can only help in managing pain.
- Improved movement. Range of motion and flexibility both get a boost with massage.
- Increased relaxation. When you relax, your muscles relax, thereby calming the pain.



Be sure to communicate with your massage therapist if you are experiencing back pain.

Be Smart with Smartphones

Tips for Avoiding Injury

Have you ever noticed that your neck gets cranky after an extended Angry Birds binge? Or your thumb starts to throb the day after sending 40 emails from your phone during a particularly boring meeting? With more people spending more time on their smartphones, stories of repetitive strain injuries like these are on the rise.

Certified Hellerwork practitioner and licensed massage therapist Joseph Hunton has seen, and experienced, the results of overuse and improper ergonomics when it comes to these devices. "I had been sitting and standing with my head bent over the phone while holding it and making fine finger movements for hours at a time," Hunton says of the days that followed the arrival of his new smartphone. "This was a recipe for strain and pain."

Being Smart

Hunton encourages smartphone users to stretch and take frequent breaks, and cautions that improper use may result in a stiff neck, sore upper back, and tight

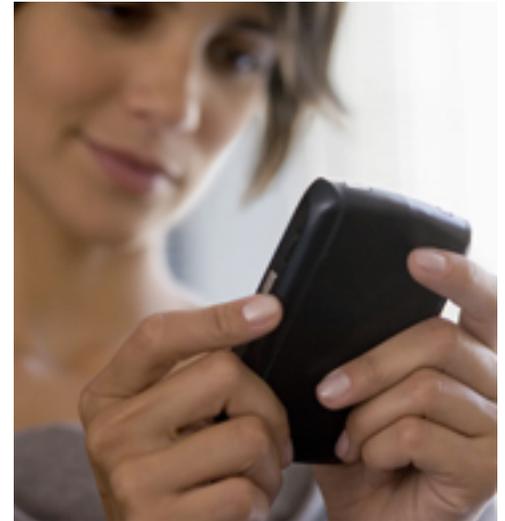
arms. Here are some more smartphone ergonomic tips to avoid the pain:

- Bring the phone up to your line of sight to keep your head aligned with your spine.
- Use a wireless headset to prevent arm strain.
- Never hold the phone between your head and shoulder.

Frequent smartphone use can also cause repetitive strain injuries of the thumb. Hunton reminds us to use our smartphones intelligently. "Although it can perform many functions, it is not really a computer, gaming station, or video monitor," he says.

Options for Relief

Stretching, limiting your smartphone use, and receiving frequent massage are all successful ways to alleviate the strain caused by repetitive use. Listen to your body, and communicate with your massage therapist about any pain or discomfort that might arise from the use of these devices.



Follow these guidelines to stay pain-free.

The Case for Chocolate

New Studies Show Health Benefits

It's not like we need a specific reason to eat chocolate, but it doesn't hurt that studies are finding increasing health benefits associated with the popular indulgence. While chocolate is high in sugar and saturated fat, it does contain chemical compounds with proven benefits, so enjoy--in moderation--and expect to reap some of these rewards.

Improved Heart Health

A study in the Archives of Internal Medicine found that women over 70 who ate chocolate at least once a week were 35 percent less likely to suffer from heart disease during the survey period. Researchers suspect that the flavonoids found in chocolate, which are known to reduce blood pressure, likely improve overall cardiovascular health.

Reduced Liver Strain

These same flavonoids in dark chocolate that help decrease blood pressure can also reduce post-meal abdominal blood pressure spikes that strain the liver by widening and relaxing blood cells. A Spanish study of patients with end-stage liver disease showed that dark chocolate helped reduce some of the risks associated with conditions like cirrhosis.

Safer Pregnancy

Dark chocolate has been shown to help pregnant women avoid preeclampsia--a significant complication where blood pressure spikes to dangerous levels--by nearly 40 percent when consumed five times a week. Dark chocolate is especially rich in theobromine, which relaxes

muscles and dilates blood vessels. As an additional benefit, it also seems to improve circulation in the placenta.

Increased Endurance

Research out of the University of California, San Diego, demonstrated that mice given epicatechin, a flavonoid found in dark chocolate, could run for 50 percent longer than those who only drank water. The mice also grew new capillaries and mitochondria in their muscles, changes that explain their enhanced endurance capacity. Unfortunately, perhaps, for chocolate lovers, is that researchers say just one-sixth of 1 ounce of chocolate each day is the ideal serving size to receive this benefit.

*The capacity to
devote yourself
to the welfare of
others yields
otherwise
unobtainable
power and
potential for
good.*

-Dalai Lama

ENJOY THE HOLIDAY SEASON! Wishing you and your family a very healthy, safe and prosperous NEW YEAR! Looking forward to seeing you in the coming year:) Best Regards, Julia Cini

Julia's Therapeutic Massage & Bodywork, Inc.

10400 Eaton Place, Suite 560
Fairfax, VA 22030



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