

Back Pain and Massage

How Bodywork Can Help

Karrie Osborn

Whether it's a pulled 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.

armoring 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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*Whatever is the
cause that
binds is the
path that
liberates.*

-Gyalwang Karmapa

Office Hours and Contact

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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 and 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 and 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."

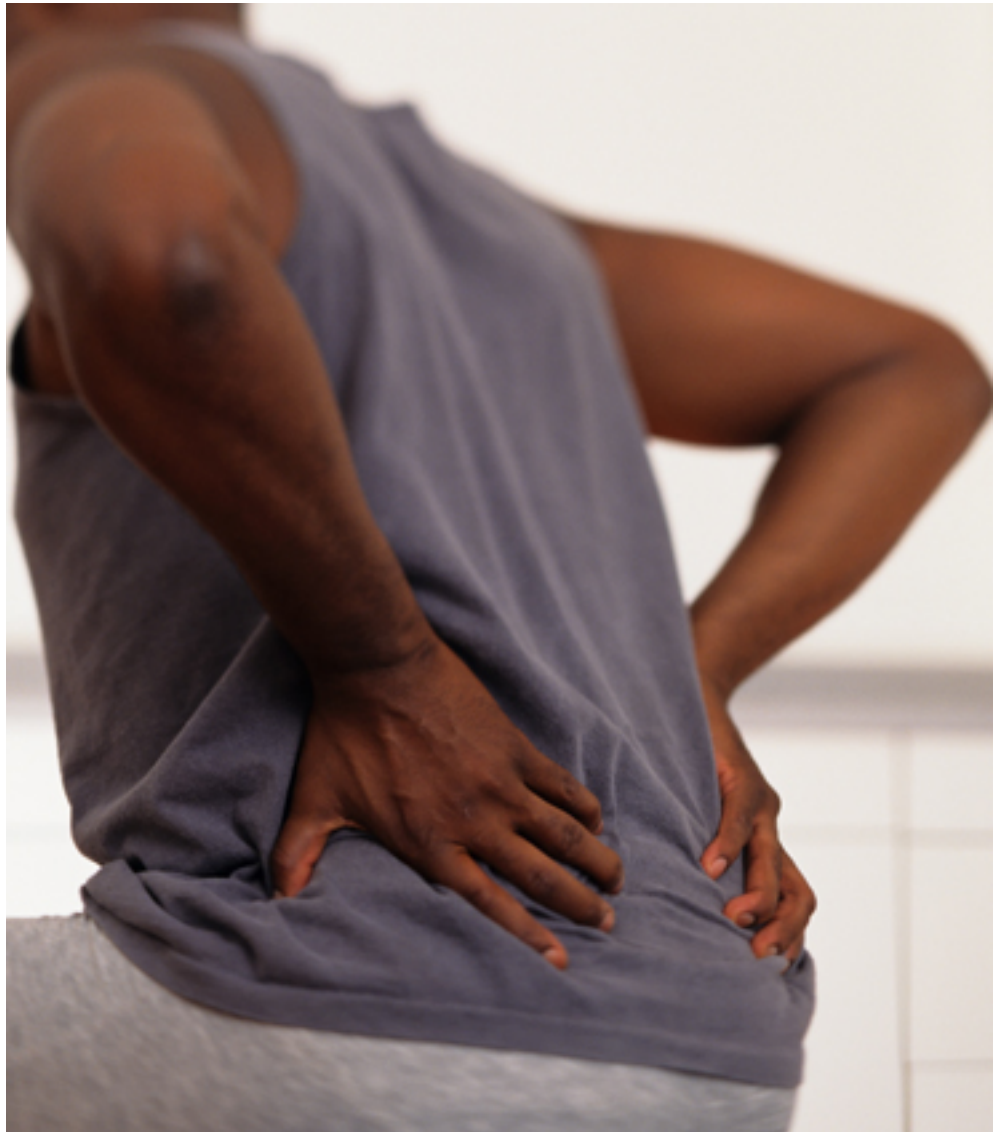
Massage Works

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.

The Art of Bathing

Simple Recipes to Soothe Mind and Body

From bubble baths to essential oils to Dead Sea salts, prepared bath products are designed to enhance a bathing experience, but they can be expensive. Instead of spending the extra money on special bath products, try one of these natural, simple bath recipes with ingredients you probably already have in your cupboard or refrigerator.

Epsom Salts

ADD 2 CUPS EPSOM SALTS TO BATH WATER.

Magnesium sulfate, or Epsom salts, has been used for centuries as a folk remedy, and research now confirms its numerous benefits. The second most abundant element in human cells and a crucial component for bone health, magnesium is also needed for muscle control, energy production, and the elimination of toxins. Magnesium eases stress, aids sleep, and improves concentration while reducing inflammation, joint pain, and muscle cramps. Sulfates help to flush toxins from the body, prevent or reduce headaches, and even improve brain function.

Most American diets are deficient in magnesium. However, one of the best ways to boost dietary intake is by bathing in Epsom salts, which are readily absorbed through the skin.

Milk

ADD 2-4 CUPS MILK OR BUTTERMILK TO BATH WATER.

Rich in calcium, protein, and vitamins, milk replenishes the skin, while lactic acid found in milk acts as a natural exfoliant. A member of the alpha hydroxy acid family, lactic acid breaks the glue-like bonds between the outer layer of dead skin cells. Soak in a milk bath for 20 minutes, then gently scrub skin with a loofah or washcloth.

Honey

ADD 1/4 CUP HONEY TO BATH WATER.

A fragrant, natural humectant, honey helps skin attract and retain moisture. Its antibacterial and anti-irritant properties make it an ideal cleansing and soothing additive to a warm bath.



Turn your home bath into a spa experience.

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.

May You Walk In Beauty.

-Navajo blessing

FRESH GINGER TEA: Ginger is full of adaptogens, strengthening our immune system. This is also true of garlic and ginseng. This time of year, I love to make a decoction of ginger tea. Thickly slice about a thumb-size piece of ginger root and simmer in a quart of water, covered, for 15-20 minutes. Enjoy the resulting tea and refrigerate the leftovers, which make excellent stock for soups, broths, and rice. Delicious with apple cider as well.

STOWE YOGA CENTER CLASS SCHEDULE: (\$12 Drop In)

Sat. 9:15-10:15 am Open Class (beginner-friendly)

Sat. 10:30-11:30 am Prenatal Yoga (beginner-friendly)

Mon. 5:30-6:45 pm Open Class (beginner-friendly)

Tues. 8:00-9:00 am Open Class (beginner-friendly)

Wed. 8:00-9:00 am Ashtanga Short Forms (intermediate)

Thur. 8:00-9:00 am Open Class (beginner-friendly)

Kirtan with toning, chanting and drums (donation)

Stowe Yoga Center

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Member, Associated Bodywork & Massage Professionals