

How Does Massage Therapy Work?

The Anatomy of Happiness

Douglas Nelson

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As I greeted Craig in the waiting room, the radiant smile on his face told me we were making good progress on his shoulder pain.

"My shoulder is so much better," he remarked as he entered my treatment room. "I hardly think about it anymore." As a massage therapist who specializes in dealing with specific muscular issues, this is exactly what I hope to hear from the people I serve.

"I must say that the educational process has been just as valuable as the hands-on work. It has given me a greater

treatment is the effect on my mood. When I leave your office and go back to work, I seem to function much more efficiently; I get way more stuff done than usual. Mostly, I am in a much better mood, much happier, and more positive about the world. I have really enjoyed understanding how massage helped my shoulder, but now I'd like to understand how massage affects my mood."

Ready to accept the challenge, I jumped in.

"Here is one reasonable explanation based on emerging neuroscience. For many decades, the prevailing wisdom was that emotions are experienced in the



Why do you feel so good after a massage?

understanding of my own body, what to do, and maybe more importantly, what not to do. I have a better sense of what was happening to my shoulder and why. This whole process is so interesting and educational.

"I came to see you for help with my shoulder," he continued, "but one of the most striking benefits of my massage

mind and, as a result, those powerful emotions then affect our body. For example, when someone offends us, we have the emotional experience of anger. Shortly thereafter, we experience physical symptoms of anger, such as increased muscle tension, constricted breathing, and an increased heart rate.

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On the other hand, powerful positive emotions like joy and happiness also have corresponding physical effects. Our emotions and thoughts have physical consequences. As it turns out, however, the new scientific understanding reveals that these mind-body experiences are at least bi-directional, if not completely the other way around."

"I'm a little lost," he said. "What do you mean by the other way around?"

"The emerging science is providing some really good evidence that the physical sensation can lead to the emotion, instead of the emotion manifesting as a physical experience."

"Wow, that seems completely backward!" he exclaimed.

"Your mind is always trying to make sense of what the body experiences. The brain needs a reason for what it experiences; we interpret meaning so we know how to respond appropriately. I am sure you can remember being really tense some morning, feeling completely out of sorts. If someone asked you why, you probably couldn't point to any specific offense as the reason. Throughout the morning, however, little things that would normally go unnoticed now really bothered you. You looked for things that were wrong to confirm that the tension you were feeling was perfectly appropriate for the terrible mood you were in. In essence, you created a viable emotional reason to explain your tense physical state."

"I assume that the reverse is also true, correct?" Craig interjected. "A better physical state should have a positive effect on emotions."

"Exactly. This might indeed explain what you experience after a massage. You leave my office with a very different physiology than when you arrived. The optimization of muscle function after massage will be experienced as efficient and effortless movement. The muscle tension in your shoulders is drastically reduced. Your breathing is slower and there is a heightened sense of awareness. Think about the emotional correlate your brain must then assign to this new stream of physical information. When do you normally feel such lack of tension, such lightness and freedom?"

"When I am extremely relaxed, happy, and contented; when the world seems like a wonderful place," he responded.

"The experience of physical ease is then interpreted by the brain as being a sign of emotional ease. Relaxation of the body is also relaxation of the mind, as evidenced by the fact that the same class of drugs (benzodiazepines) given as muscle relaxants is also used in the treatment of anxiety disorders. Furthermore, when you return to work with that emotional framework, it changes what you notice around you as well. Little annoyances don't seem as disturbing. Since attention is selective, your peaceful and positive emotional state predisposes you to notice lots of little blessings that you previously might have overlooked. This process becomes very self-reinforcing."

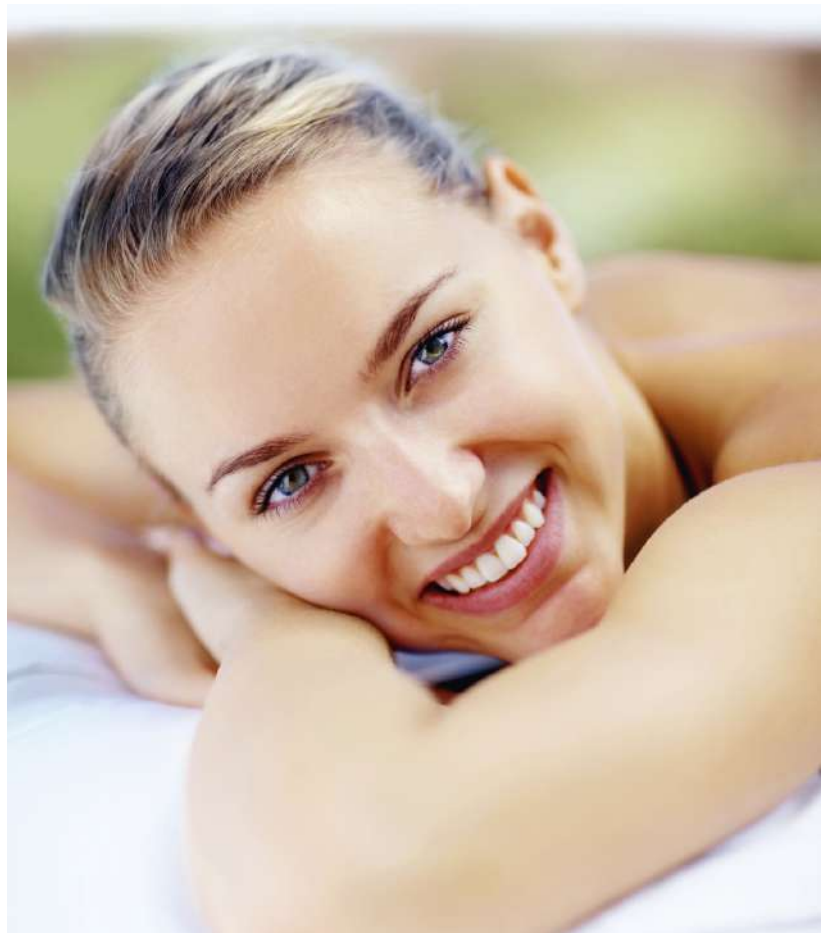
"I find this subject fascinating," Craig

said. "In fact, after each of our previous sessions, that evening I'd share with my wife some cool anatomy fact or principle I learned from you. I even gave each lesson a name."

"You're kidding," I said, bemused and curious. "If I might ask, what might you call this one?"

"The Anatomy of Happiness," he replied with a smile.

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Your physical state can affect your emotional well-being.

Massage for Your Teenager?

Bodywork Can Ease Adolescent Angst

While teens may be less likely than their parents to go to a massage therapist, there are plenty of reasons why this age group should be encouraged to give it a try. The benefits of massage are well documented, among them relief of muscle tension, lowered stress hormones, increased sense of relaxation, improved immune function, and even a heightened ability to concentrate, according to studies conducted by the Touch Research Institute at the University of Miami School of Medicine. But for teenagers, there's an additional payback.

The teenage body is in the midst of transformation -- exponential growth and development in a rapid period of time. On the physical side, teens may be at increased risk for aches, pains, and injury. Many teens strain their bodies with competitive sports, get erratic sleep, and consume a less-than-optimal diet. Massage can help muscles recover from overuse, and help balance the body and maintain that stability.

Perhaps even more crucial, teen massage can help improve body image and sleep patterns, and contribute to decreased depression, anxiety, and stress. This keeps a teen connected to her body, even as it morphs in confounding ways. "Many teens are self-conscious, and not happy with their bodies," says Eeris Kallil, massage therapist and shiatsu instructor at the Boulder College of Massage Therapy, in Colorado. "Massage can help teens stay grounded." Bodywork has also been reported to help mediate eating disorders, a growing concern among teens.

Another potential plus: A beneficial, therapeutic relationship can develop between bodyworkers and teenagers during the years when adolescents need adult confidantes, but keep parents at a distance. The practitioner can become a supportive, trusted adult in a teen's life. And the session itself, according to Kallil, can be a way to deal with all the physical and emotional turmoil of this tender age.



Massage eases teen depression and anxiety.

Massage for Seniors

Bodywork Improves Quality of Life

Almost 35 million Americans are age 65 or older, and about 2,000 more reach this age every day. As the U.S. demographic shifts to an older population, it's important to find ways of helping our elders maintain their health and vitality. Massage for seniors is gaining importance as an alternative therapy to increase quality of life, and many massage therapists are getting special training to better serve this growing population.

SENIORS' SPECIAL NEEDS

While similar in technique to other forms of massage, geriatric massage considers the special needs of the elderly. The specialty trained practitioner knows about positioning for greatest comfort and will often have the client rest in the same position for the entire massage. Mobility challenges

may dictate the massage be done in a bed or wheelchair. The therapist may also work both sides of the body at the same time to enhance body awareness, or only work hands and feet, if the client prefers. Sessions may be limited to 30 to 45 minutes, as older clients often do better with shorter, more frequent, massages.

The geriatric massage therapist is aware of health issues associated with aging and how to safely work with this type of client and with associated physicians. Consequently, the practitioner is able to individualize the massage service based on the client's health, mobility, and comfort level.

BENEFITS OF GERIATRIC MASSAGE

A recent study conducted at the Weaver's Tale Retreat Center in Oregon looked

at the effects of massage for elderly clients. The results of the two-year study showed that participants experienced a decrease in breathing rate of 50 percent and an improvement in range of motion, posture, body awareness, skin color, and muscle tone. Furthermore, it is well documented that caring touch benefits emotional well-being in seniors -- a population at greater risk of suffering from depression.

Massage therapy can add to the quality of a senior's life, both physically and emotionally. Consider booking a session for someone you love, and make a difference in their life.

We all have our WHY we scheduled our first massage appointment - but we often don't realize just how important it will become in our health care plan. I experienced my first professional massage because it was a requirement to start school. I never even had one before signing up to become a massage therapist! When I injured my back, and I got to see firsthand how massage can help us in the healing process. In the many years since then, I have never questioned that routine massage should be a part of my health care plan. My practitioner and I may focus on something different each session but what never changes is that feeling when I walk out of the studio. I am recentered, both body and mind. I am ready and excited to reach for my goals and challenge myself in all aspects of life.

Before experiencing massage for myself though, I wouldn't have been able to tell you a single reason why I would want to add it to my monthly budget. This month's newsletter is all about how massage therapy works and who will benefit from it (sneak peak: just about everyone!). Maybe you'll find a tip or two to help explain why it is such a big part of your general wellbeing. Not to mention, if you've been searching for that perfect holiday gift, maybe you'll find it in massage!

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