

Relaxation this Spring

May 2014

Member, Associated Bodywork & Massage Professionals

The Implications of Bodywork

Human Touch Has Powerful Results

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Whether in giving or receiving, touch is as essential to human survival as is food. Infants deprived of touch, even when they are getting adequate nutrition, will fail to thrive. Elders isolated by loss of partners and friends become depressed not only because of the absence of social interaction, but also because of the simple loss of physical contact.

We calm our pets by stroking them, we greet each other with a hug or a handshake, and we soothe our children by holding them. No other form of connection is as powerful and universal as touch. Taking a look at how this sensation is connected to the brain provides insight into the significance of bodywork.

because of our skin. Our skin tells us about our environment and ourselves. When we touch something with our fingers, we're not only sensing the object, we're also feeling our own skin, our own boundaries.

In the first few days of an embryo's life, the cells that eventually become a fully formed baby divide into three layers. The brain and skin come from the same layer, and they develop together, not only before birth, but well into the first year of life. When a baby is held, cuddled, and breast-fed, she's getting crucial stimulation to build neural connections between her skin and her brain that will ultimately last her entire lifetime.

*Everything you
do can be done
better from a
place of
relaxation.*

-Stephen C. Paul



No matter the age, human touch plays a significant role in mental and physical health.

Skin and the Brain

The adult human lives inside an envelope of about 18 square feet of skin. Every inch houses thousands of nerve endings and various kinds of sensory receptors, all working to tell the brain about its surroundings. The cold of an ice cube, the softness of a cat's fur, a warm breeze, the caress of a loved one--all of these feelings are possible

Study after study has shown that touch is not only important for development, but is crucial to survival. James H.M. Knox of Johns Hopkins Hospital reported in 1915 that babies left in orphanages and given proper nutrition died at a rate of about 90 percent. Other studies of the same era confirmed

Continued on page 2

Office Hours and Contact

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In this Issue

The Implications of Bodywork
De-stressing the Commute
The Case for Chocolate

Continued from page 1

these findings and showed that those babies who did survive were often mentally handicapped and stunted in their growth. These valuable studies helped institutions understand the importance of touch. When staff was added to provide enough time for each child to be held, handled, and touched, mortality rates dropped dramatically.

Massage for Children

Those early statistical studies showed how vital touch is to developing infants. Researchers are also finding that giving massage to premature infants can improve their growth and overall health. A study conducted by the Touch Research Institute (TRI) at the University of Miami found that when stable premature babies were given five, one-minute massages a day, they gained 47 percent more weight than their counterparts who didn't get massage.

A 2001 study conducted by TRI showed that when mothers gave their infants a 15-minute massage before bedtime, these sleep-challenged kids went to sleep more quickly and were more alert during daytime hours.

Conversely, clinical research and sociological studies link touch deprivation with aggression. A 2002 study reported that adolescents with a history of aggressive behavior showed less aggression and were less anxious after receiving a 20-minute massage twice a week for five weeks.

Massage also reduces the symptoms of Attention Deficit Hyperactivity Disorder so kids can concentrate better, and it's even been found that the right kind of touch can help kids with autism relate better to teachers and family members.

Massage for Adults

Ongoing research by the Touch Research Institute continues to prove that massage is an important therapy for many conditions. After a massage, levels of the stress hormone cortisol drop in saliva tests, examinations show an improvement in alertness and relaxation, depression scores decrease, and mental focus improves.

The exponential growth of the bodywork field is a testament to the value of safe, therapeutic touch. Of course bodywork

can play an essential role in the healing of specific chronic or acute orthopedic conditions, but it also serves as a powerful aide in improving the quality of life for adults.

Stan, a former client, was going through a nasty divorce. He had friends to support him emotionally, but it seemed that the thing he missed most was the nurturing touch of his partner. He credits weekly massage appointments, along with seeing a counselor, to his emotional recovery. Massage can be a healthy way to get that much-needed human contact.

Massage for Elders

People confined to nursing homes rarely get more than daily hygienic care in terms of touch. Yet elders need touch as much as infants; studies show that when they receive regular massage, the elderly have less depression and anxiety,

experience better physical coordination, and show a decrease of stress hormone in their saliva.

Geriatric massage is a growing field requiring specialized training, and many massage therapists offer it in their practices. Some nursing homes now provide massage to their residents. Elders appear to respond as well to bodywork as, if not better than, their younger counterparts.

Contact for All Ages

Before babies learn about their hands and feet, they need the touch of loved ones and caregivers. We retain that need our entire lives. Remember to savor touch the next time you're lying on a massage table. Your therapist is not only working out tight muscles, she's contacting your entire nervous system, calming you through pathways that were put in place before you were born.



Infant massage has shown great benefits in calming babies and helping pre-term infants thrive.

De-stressing the Commute

Turning Road Rage into Road Sage

The average American commuter spends an hour a day driving to and from work. During this stressful, stop-and-go time, it's likely that blood pressure increases, adrenaline begins pumping, and muscles constrict and tighten. By the time you get home, you're wiped out and grumpy, and you have less to offer to those you come home to. If this sounds familiar, recognize that you have the power to reduce commuter stress. Here are a few tips to make your commuter time contribute to -- rather than detract from -- your life.

- Employ adjustable back cushions, pillows, wedges, and lumbar supports for a more comfortable commute. For more information, check out www.relaxtheback.com.

- To successfully sidestep the late-afternoon slump often caused by the stress hormone cortisol, keep some healthy snacks within arms reach. Celery, string cheese, water, and nuts -- especially almonds -- are good options

for the drive home.

- Borrow books-on-tape/CD from the library. Consider purely entertaining novels to ease the intensity of your drive.

- Learn a foreign language. Libraries also loan out these types of tapes and CD, too.

- Use your commute as an opportunity for spiritual or emotional growth. When stressing about a traffic jam, remind yourself that it's completely out of your control. Remember, attitude is everything.

- Practice breathing. When stress occurs, breathing becomes shallow and constricted. Taking full, deep breaths gives the body more oxygen, helping to regulate physical and mental function. Exhaling fully releases tension and built up toxins.

For more ideas on achieving calm in a busy world, consider reading *Serenity* to

Go: *Calming Techniques for Your Hectic Life* (New Harbinger Publications, 2001) by Mina Hamilton.



Creativity goes a long way on your commute.

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.

*Those who bring
sunshine into the
lives of others,
cannot keep it
from themselves.*

-James M. Barrie

Mother's Day is right around the corner, so don't wait and schedule her a relaxing massage!

I'll be taking 20% off all mothers, sisters, grandmothers, daughters, and mothers-to-be that come in to my Westport office this month!

Be sure to call or email ahead to ensure you get the time you want and need!

I hope everyone has a great month!

Mental Escape Massage

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