

Spring 2009

Family Nurturing Tree

Helping Children Find Focus

Massage Calms ADHD Kids

Cathy Ulrich

Imagine lying on a massage table. As your massage therapist sets to work, you feel your body relax. Your muscles soften, your nervous system calms. Now, imagine how you feel when the massage is over--relaxed, alert, calm, and content.

Anyone who has gotten a massage understands the many benefits that it offers. Massage is usually reserved for adults--or sometimes infants--but what about massage for kids and adolescents? If massage helps calm the body and improve alertness, how might it help kids with attention-deficit/hyperactivity disorder (ADHD)? Can children and teenagers who can't sit still benefit from massage?

Understanding ADHD

Attention-deficit/hyperactivity disorder, or ADHD, is rapidly rising as the most common psychiatric diagnostic label for children. Anywhere from 3-7 percent of all school-age children and adolescents may have it, and it is one of the primary causes of behavioral problems in general pediatric settings. Nine boys are diagnosed with ADHD for every girl, but the rate of diagnosis for girls has been rising as well, and girls who are diagnosed have the same level of impairment as boys.

Kids with ADHD show difficulty holding attention and display impulsive behaviors and overactivity levels beyond what might be expected for their age group. They typically show poorer academic performance, have difficulty in social settings, and can't adapt as well emotionally as kids without ADHD. Studies show that a diagnosis of ADHD puts kids at higher risk for delinquent

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*The flowers of spring
are winter's dreams
related at the breakfast
table of angels*

-Kahlil Gibran



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Many kids with ADHD who receive massage say they are happier and more confident

behaviors and substance abuse. Other diagnoses such as learning disabilities, mood disorders, and anxiety disorders are often seen in the same children.

Medical Treatments

Now a household name, the drug Ritalin is the most common medication prescribed for children diagnosed with ADHD. In fact, it's the most common drug prescribed for any childhood disorder. It's been estimated that more than five million school-age children take Ritalin annually.

Known to stimulate areas of the brain associated with attention, arousal, and inhibition, Ritalin seems to help improve ADHD symptoms in about 75 percent of cases, but its effects last only as long as it's taken, and it does produce side-effects. Nervousness, headaches, sleeplessness, and rapid heart rate are sometimes seen with its use, and overdose can produce severe effects such as agitation, hallucinations, high blood pressure, seizures, heart arrhythmias, and psychosis. In addition, studies are only now being conducted on long-term effects.

Ritalin, as well as other psychostimulant drugs, can be effective in improving attention span and modifying behaviors associated with ADHD, but kids need to be monitored carefully for side effects and appropriate dosage.

Massage for ADHD

Two recent studies conducted by the Touch Research Institute at the University of Miami reported that regular massage therapy can be an effective treatment for kids with ADHD. One study found adolescent boys who received ten 15-minute daily massages were observed by their teachers to be more focused in their schoolwork, and they fidgeted less. In addition, the children rated themselves as happier than those who participated in a relaxation therapy program.

Another study involved kids aged 7-18, 20 percent of whom were girls. Each subject received a 20-minute massage twice a week. They showed immediate improvement in their moods and longer-term behavioral improvement in the classroom. They also reported feeling happier and their teachers found them to be more attentive.

In adult studies, massage has been shown to reduce levels of the stress hormone cortisol, helping to mitigate the active fight-or-flight response. Massage also helps improve math computation performance and raises alertness levels, as measured on electroencephalograms (EEGs). Finally, massage decreases depression and increases mental focus. The same effects are seen in children and teenagers with ADHD.

The Details

Incorporating professional massage into your child's routine may help him to develop an age-appropriate ability to focus, a calmer disposition, and even increased confidence. Studies report that two 20-minute massages a week are enough to show significant improvement in ADHD children. Because these kids have trouble staying still for prolonged periods, they better tolerate shorter, more frequent massages.

For massage on children with ADHD, a practitioner generally uses simple, moderate-pressure strokes to the child's head/neck, arms, torso, legs, and back. Dividing time between these areas--say four minutes

each, will address the full body and is enough to get the desired effect. Most kids do fine fully clothed. A comfortable bed, chair, or table in a quiet room is best. For parents seeking skilled bodywork for their kids, chair massage is a great choice, done with the child fully clothed for about 20-30 minutes at a time.

In addition, supplementing with home massages between professional sessions can also be useful. Talk to your massage therapist about private massage lessons for you. She can teach you simple, effective techniques to use on your child when frequent visits to the massage therapist may not be practical.

By adding massage to your child's routine, you're giving him much needed physical contact and helping to calm his nervous system, which will pay dividends in his ability to do school work, interact with peers and teachers, and be happier in general. And if you're massaging your child yourself, you'll create the opportunity for a stronger emotional bond between the two of you.



Bodywork helps children with ADHD succeed in the classroom, boosting self-esteem.

Why Buy Organic?

Is the Higher Price Worth It?

While shopping in your grocery store's produce section, you may notice the organically grown apples are pocked and not as big and perfectly round as the conventional produce, but they are more expensive. What's the difference, and which do you choose? Your decision may significantly impact not only your health but the health of the planet and the economy.

Defining "Organic"

Organic foods are derived from sustainable farming practices that maintain and replenish soil fertility without the use of toxic pesticides and fertilizers. These foods are minimally processed and do not include artificial ingredients or preservatives. On the other hand, conventional farms often rely heavily on pesticides, genetic modification, synthetic hormones, and antibiotics.

Does It Really Matter?

To understand the fallout of conventional farming is to realize the argument for organics. Bob Scowcroft, executive director of the Organic Farming Research Foundation, touches on the devastating consequences of pesticides. "DDT nearly eliminated the American eagle by affecting their ability to reproduce" he says. "Since World War II, we've introduced more than 9,000 chemicals into the environment. And we don't know the full impact on humans and different sized humans," he adds, alluding to studies revealing damaging effects on children.

When you buy organically certified foods, you're ensured they are free of pesticides, hormones, antibiotics, and genetic DNA modification. "Organics are better for the environment, and it's an investment in the revitalization of rural America," Scowcroft says. Organic farms are usually smaller, family-owned farms contributing to the economy of struggling rural America, he explains. The organic choice may be a little more expensive, but it's an investment in your health and the future.

High Time for Tea

Discover the Healing Properties of Taking Tea



The health research is enough to make you forego the latte for strong brewed tea instead. Name your color -- black, white, green, even red -- teas are packed with disease-preventing antioxidants (more than some fruits and vegetables) and contain vitamins, minerals, and at least half the caffeine of coffee.

Fortified with free radical-fighting polyphenols, tea drinkers have a reduced risk of many different cancers, in particular stomach, colorectal, and even skin cancer. Tea drinkers also have a lower risk of heart disease, stroke, and high cholesterol. Containing anti-inflammatory and arthritis-preventing properties, tea also helps stimulate the immune system and protect the liver against toxins.

But you have to drink up. Most research points to five or so cups of brewed tea each day to reap the health benefits. Decaf tea loses some but not much of its health punch, due to extra processing.

All traditional tea -- white, green, oolong, and black -- is derived from the leaves of an evergreen tree called the *Camellia sinensis*, and all contain the health-promoting polyphenols. White tea is made from young

tea leaves, dried in the sun without fermentation or processing. Green tea is dried with hot air after picking, so it retains its color but is not fermented. Oolong tea, sometimes referred to as “brown” tea, is fermented but not processed to the point of black tea. Black tea, on the other hand, is fully fermented, which accounts for the color of the leaves and its stronger flavor.

Rooibos, or red tea, is naturally caffeine-free and from the *Aspalathus linearis*, a shrub that grows only at high altitude near Cape of Good Hope in South Africa.

Herbal teas are made from a variety of plants, roots, bark, seeds, and flowers and are technically herbal infusions rather than tea. Though they don't contain the same antioxidants and haven't received the same research-based accolades as traditional tea, the herbs in these infusions have certain healing properties that have been used for centuries to treat many common health issues.

Coming Summer 2009

Appreciative Coaching

Appreciative Coaching is based on Appreciative Inquiry, a strength based positive approach to creating change in organizations. Appreciative Coaching has been modeled after this program to empower individuals in creating positive change.

It uses the stages of Discovery, Dream, Design, and Destiny to help you identify or build on your strengths and talents so you can explore, imagine, and create your life and purpose, and act using these strengths and talents to be the change you desire.

Contact Debi for more details!