

The Power of Touch

In a High-tech World, It Pays to Reach Out

Nora Brunner

Physician and holistic health pioneer Rachel Naomi Remen once confessed that as a pediatric intern she was an unrepentant baby kisser, often smooching her little patients as she made her rounds at the hospital. She did this when no one was looking because she sensed her colleagues would frown on her behavior, even though she couldn't think of a single reason not to do it.

The lack of basic human contact in our high-tech medical system reflects a larger social ill that has only recently started to get some attention--touch deprivation. The cultural landscape is puzzling. On the one hand, we are saturated in suggestive messages by the

skin-to-skin contact is beneficial to human health, American social norms inhibit this most basic form of human interaction and communication. Despite our supposedly enlightened attitudes, we Americans are among the most touch-deprived people in the world.

"Touch deprivation is a reality in American culture as a whole," writes Reverend Anthony David of Atlanta. "It's not just babies needing to be touched in caring ways, or the sick. It's not just doctors and nurses needing to extend it. It's all of us, needing connection, needing to receive it, needing to give it, with genuine happiness at stake."



High-tech can mean low-touch. Ensure you're getting the tactile connection humans require.

mass media; on the other hand, the caring pediatrician is afraid someone might look askance at her planting a kiss on a baby's forehead. What's wrong with this picture?

Social Norms

Unfortunately, touch has become, well, a touchy subject. Though there's growing scientific evidence that

Distant, Disconnected

How did we come to deprive ourselves so tragically? According to Texas psychology professor David R. Cross, PhD, there are three reasons Americans don't touch each other more: fear of sexual innuendo, societal and personal

Continued on page 2

*Wise people
are not sick.
They are sick of
being sick, so
they are well.*

-Tao Te Ching

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In this Issue

The Power of Touch

The Health Benefits of Ginger

The Scoop on Sugar

Continued from page 1

disconnection aided by technology, and the fact that the ill effects of non-touching are simply not that obvious and don't receive much attention.

It's no surprise Americans are often afraid physical touching signals romantic interest, which leads to the twin perils of either having our intentions misunderstood or wondering if someone's gesture is an uninvited advance. This ambiguity is more than enough to scare most people from taking someone's arm or patting them on the back.

The potential for the loaded gesture is further complicated by our litigious society in which unwelcome touch can mean, or be interpreted as, dominance, sexual harassment, or exploitation. People in the helping professions are regularly counseled on how to do their jobs without creating even a hint of ambiguity. In one extreme example, counselors at a children's summer camp were given the advice that when kids proactively hugged them, the counselors were to raise both arms over their heads to show they hadn't invited the contact and weren't participating in it. One wonders how the innocent minds of children will interpret this bizarre response to their spontaneous affection.

Another reason for touch phobia, according to Cross, is that we live in a society with far-flung families and declining community connections. Technology plays a significant role in the way we communicate, and it seems we move farther away from face-to-face communication with every new invention. How ironic that the old telephone company jingle that encouraged us to "Reach Out and Touch Someone" gave way to the slew of electronic devices we have today, all ringing and beeping for our attention. While these devices were invented to improve communication, some people wonder if the net effect is lower quality in our exchanges of information.

While there is scientific research showing non-touch is detrimental to health, Cross says those negative effects aren't obvious. The effects of a lack of touch are insidious and long-term and don't amount to a dramatic story for prime time.

"Humans deprived of touch are prone to mental illness, violence, compromised immune systems, and poor self-regulation," Cross says. So serious are the effects of touch deprivation, it's considered by researchers to be worse than physical abuse.

Benefits of Touch

Stated more positively, science does support the preventive health benefits of touch. For example, Tiffany Field, PhD, founder of the Touch Research Institute, notes that in a study on preterm infants, massaging the babies increased their weight and allowed them to be discharged earlier. Discharging babies earlier from expensive neonatal intensive care units could save the healthcare system \$4.7 billion annually.

In other research, scientists at the University of North Carolina found the

stress hormone cortisol was reduced with hugging. Cortisol is associated with anger, anxiety, physical tension, and weakened immunity.

Massage therapy has been found useful in reducing symptoms such as anxiety, depression, pain, and stress, and is helpful for those suffering with a variety of illnesses, including anorexia nervosa, arthritis, cancer, fibromyalgia, and stroke. While more research is needed, massage therapy has also been shown to reduce symptoms associated with alcohol withdrawal and smoking cessation, and can strengthen self-esteem, boost the immune system, increase flexibility, and improve sleep.

As a nation, we are still finding our way in terms of increasing our touch quotient; but those who make their way into a massage therapy room are farther along than most.



Massage helps boost self-worth and contribute to emotional well-being and connection.

The Health Benefits of Ginger

Easing Nausea, Joint Pain, and Allergies

This pungent spice is found in cuisine around the globe, but ginger has also been used for more than 2,500 years for its medicinal properties. The ancient Chinese knew that it aided in the absorption of many herbal preparations and they prescribed it extensively as a digestive tonic.

A native root of southeast Asia, ginger is a potent ally in the treatment of nausea, motion sickness, and joint pain. Current research confirms ginger's efficacy as an anti-inflammatory, GI calmativ, and antihistamine. The active ingredients found in ginger -- gingerols and shogaols -- lower levels of prostaglandins, the chemicals responsible for pain and inflammation in joints and muscles. By reducing prostaglandins, ginger can even have a positive effect on heart health and circulation because chronic, systemic inflammation increases the risk of heart attack and blood vessel compromise.

Ginger comes in several forms. Fresh

and dried ginger is available in supermarkets for use in cooking. It's also available in capsules, an extract pill form, prepackaged tea bags, crystallized, and as a topical oil.

Recommended Uses

MOTION SICKNESS AND NAUSEA

Most medications for nausea and motion sickness work to calm the nervous system and can cause drowsiness and dry mouth. On the other hand, ginger calms the digestive tract directly and has been shown to reduce nausea after surgery and chemotherapy. For motion sickness, take 100 mg two hours before departure and every four hours afterwards or as needed.

ARTHRITIS AND MUSCLE ACHES

Massage ginger oil into affected areas and/or take up to 1 g of powdered ginger daily to reduce inflammation.

COLDS AND ALLERGIES

Drink up to 4 cups of ginger tea daily or enjoy authentic ginger ale (made from

real ginger).

While ginger has no known side effects, it's always a good idea to consult your health care practitioner to make sure it's right for you.



The ginger plant has many medicinal uses.

The Scoop on Sugar

Not Such a Sweet Story

Shelley Burns, N.D.

Most people have no idea just how much sugar is in the foods Americans consume. However, this sweet culprit may be behind many health issues, including skin problems. Here's why.

When refined carbohydrates, otherwise known as simple sugars, are consumed in excess, they cause an increase in blood sugar levels. This excess sugar (glucose) attaches itself to proteins and is referred to as glycosylation. All cells in our bodies have a protein component to them including our hormones, enzymes, cholesterol, and immune cells. As proteins become coated with glucose, they are unable to work effectively.

Collagen, that vital component of a glowing complexion, makes up 40 percent of the proteins in the body. Glycosylation hastens protein

cross-linking, which weakens collagen. The result: wrinkles.

But wait, there's more. Sugar also causes an increase in levels of cortisol, the stress hormone, which can interfere with hormonal balance and increase inflammation. Skin inflammation can manifest as acne, puffiness under the eyes, and eczema. Sugar also increases insulin levels and reduces sensitivity of insulin. In fact, research shows people with acne process sugar poorly, which could be a direct result of high cortisol and high insulin levels in the blood.

And finally, sugar depletes the necessary nutrients required to keep the immune system healthy. For example, sugar interferes with the way the body uses vitamin C, which is needed for the formation of collagen and elastin as well

as immunity. It can also lead to sluggish digestion, which also affects the skin.

The best way to steer clear of sugar is to read labels. Avoid products that list sugar in the first three ingredients, and be aware of words ending in "ose" such as sucrose, dextrose, and maltose, all of which are sugar indicators. Also avoid processed foods and refined carbohydrates, such as white flour, white rice, and white potatoes.

Whenever the sweet allure of sugar tempts you, remember, sugar-free is key to beauty.

*MINDFUL –
The act of being
mindful opens
you to the
experience of the
moment.*

-unknown

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Love and light,

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