DEC 2018

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Bodywork & Exercise

Increase Body Awareness While Increasing Your Activity

Ruth Werner

You have to give us credit: as a culture, Americans are incredibly interested in getting fit. We invest every year in new diets, exercise programs, and supplements for weight loss and improved energy. Low-range estimates suggest that Americans spend about \$2.6 billion each year on gym memberships alone.

We also tend to pitch full speed into any given commitment. If we're going to get fit, by golly, we're going to do it now, regardless of how long it took us to get into our current state. We don't do things by half measures, and moderation is not in our nature. So how do we keep ourselves injury-free while honoring our commitment to exercise and get healthy?

sports field seems to appeal to our competitive spirit--especially when we're surrounded by others who all seem to be doing better than we are. Combine this kind of human drive with poorly trained athletic trainers who give bad advice about form, pacing, and effort, and we have a recipe for potential problems.

Exercise is only effective when it occurs without injury. Any new exercise program requires some caution, even if it is comparatively easygoing. And more challenging programs are safest and most successful when new participants build up their activity levels carefully and receive excellent guidance about form.

When It Goes Wrong We accrue musculoskeletal and fascial



Moderation is key when beginning a new exercise program

Does It Have to Be All or Nothing? We all know that starting an exercise program doesn't actually mean we'll finish it. When we throw ourselves into an ambitious new routine, we are likely to overdo it and get hurt. Then, we get discouraged, and may give up entirely, only to start the cycle over in another year or so.

Overdoing things in the gym or on the

injuries throughout our entire lifespans. In the best circumstances, they heal well, with a minimum of internal scar tissue, and function returns to practically normal levels. When things are ideal, that sprained ankle you got playing soccer at age 12 doesn't affect your ability to walk in your 30s. The lumbar

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The hardest arithmetic to master is that which enables us to count our blessings.

-Eric Hoffer

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strain you got from picking up the heavy laundry basket I5 years ago resolved well, so at 62, it won't hinder your golf game. We are able to adapt to minor injuries, and we learn how not to exacerbate them.

But when we introduce a new exercise program, especially if that exercise program is more demanding, or demanding in different ways than we have experienced before, we risk the flaring up of old injuries. Scar tissue does not have the weight-bearing capacity of healthy muscle or connective tissue. This is when that old sprained ankle may make itself known, and that weakness in your back will definitely have opinions about your new routine. Sometimes you might feel like your new commitment to fitness was not the best idea.

Injuries Can Happen Any Time

CrossFit is one program that gets a lot of attention because of its reputation for being especially demanding. But any type of exercise can lead to injury if correct form is not observed. Zumba, Jazzercise, and other dance-like programs bring a risk of foot and leg injuries, including sprained ankles, plantar fasciitis, and stress fractures, because the risk for twisting at the knee is so high.

If you aren't paying close attention to your own limits, even yoga can be a source of soft-tissue injury: delayed soreness, problems at the neck and sacroiliac joints, or other injuries. One massage therapist reported seeing several injuries related to a prolonged yoga headstand, probably in a student who was not ready for this challenge.

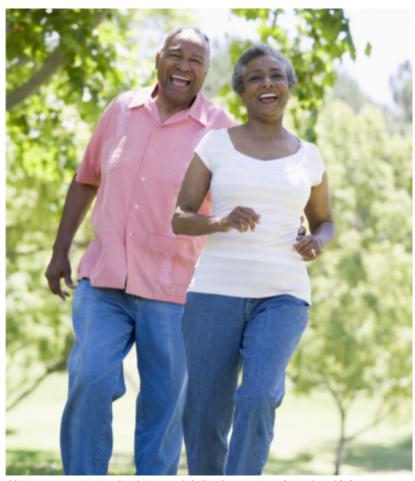
How Can Massage Help?

Massage can help you deal with pain or soreness from your exercise regimen and can also help shorten recovery periods so you can train more efficiently. Although massage therapists are not primary care providers, and cannot diagnose conditions or prescribe specific treatments, your therapist may be able to offer excellent advice for dealing with a fitness-related injury. He or she may also have suggestions about warm-ups, cool-downs, and postexercise stretching, or be able to point you to an appropriate coach or other professional for specific exercise needs and to help prevent future injury.

The incidence of exercise-related injury

has a lot to do with people not paying attention to their own needs. One of the many things massage therapy offers to people who want to become healthier and more fit is the chance to become more aware of your own body in a powerfully positive way. Increased body awareness and self-appreciation may be the best tools for helping you increase activity levels without hurting yourself. In this way, you can reach your goals with power and joy, rather than with pain and injury.

Ruth Werner is a former massage therapist, a writer, and a continuing education provider. She wrote A Massage Therapist's Guide to Pathology (Lippincott Williams + Wilkins, 2013).



Massage can get you back on track following an exercise-related injury

Skin Care Through Changing Seasons

Keep your skin looking and feeling great

With the change in season, many people will begin to notice a difference in the way their skin looks and feels. Many people find that as we move closer to winter, their skin becomes more dried out and flaky. The good news is there are things you can do to keep your skin looking good as the seasons change.

"Winter approaching doesn't mean your skin has to look dull and dry," says Goldman, celebrity esthetician/waxologist and owner of the Stript Wax Bar. "It also doesn't mean you have to turn to chemicals in an effort to maintain some of your tan throughout the fall and winter. There are much better options available to everyone who wants to take advantage of

Here are some tips that can help keep skin looking and feeling great as the seasons change:

- Dull skin can be countered by having regular facials. Facials remove dead and flaky skin and help restore a natural glow. They give skin an overall healthier appearance.

- When winter approaches, it is keep it looking great. important to moisturize the skin so it doesn't become dried out. After cleansing, follow with an anti-aging serum and apply a good quality moisturizer.
- Bypass the chemical tans that come in take-home spray bottles and lotions. They usually contain chemicals you should avoid putting on the skin and will most likely not provide the natural tan look most people seek. Tanning booths also have risks, so opt for an organic spray tan instead
- Go to a waxologist for hair removal, so skin irritation and problems can be avoided. Having hair professionally waxed will keep the skin smooth and unblemished.
- Drink plenty of water to maintain youthful cells. If the skin doesn't get enough water, it will look aged and dehydrated.
- Eat foods like strawberries, tomatoes, salmon, edamame, tea, broccoli, and avocado, which have nutrients that help protect the skin and



Keep your skin looking great all winter long.

The Sunshine Vitamin

Shelley Burns

In the world of skin health, we focus on ways to improve skin quality. We work to prevent acne, cellular damage, dryness, and wrinkles. It is less common to discuss how a skin-care strategy may increase risk of developing other health conditions.

Skin cancer is one example. To prevent skin cancer, we protect ourselves with sunscreen--especially during summer months. But by using sunscreen we are blocking the absorption of vitamin D, the "sunshine" vitamin.

Vitamin D is fat soluble and contains powerful antioxidant anticarcinogenic properties that can prevent premature aging and cellular damage. Solid research indicates that vitamin D plays a role in reducing the risk of cancer, specifically breast, colon,

and prostate cancers. Vitamin D has been associated with preventing diabetes by reducing insulin sensitivity. It also improves heart health, reduces the risk of multiple sclerosis, strengthens bones, and decreases the effects of seasonal affective disorder.

Vitamin D can help resolve skin conditions like psoriasis, as it plays a role in skin cell regulation, including cell turnover and growth. Vitamin D can be effective in reducing the itching and flaking associated with this disorder. Ultraviolet B (UVB) treatments have long been used successfully in treating psoriasis because UVB produces vitamin D in the body.

Getting between 5-10 minutes of direct sun exposure daily on the arms, face, hands, and back (without sunscreen) can

provide enough vitamin D to meet your requirements, though exposure does present a risk. Because it is difficult to obtain enough vitamin D through food, many prefer to use supplements. Research on the health benefits of ingesting vitamin D led experts to advise an intake of 25-50 micrograms daily.

Shelley Burns is a doctor of naturopathic medicine and campleted studies at the Canadian College of Naturopathic Medicine. She has certification in complementary and integrative medicine from Harvard University.

If you do not believe you can do it then you have no chance at all.

-Arsene Wenger

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