**July 2017** 



# Safe Fun in the Sun

### Nutrition Offers UV Shield

Sharron Leonard

Because sunlight activates the synthesis of vitamin D, a nutrient that works with vitamin A to build strong bones and good eyesight it is essential for health. Furthermore, bright light, specifically sunshine, can improve your mood and help ward off depression. But all things in moderation. Overexposure to UV rays can cause potentially extensive damage to the skin, an all-too-common occurrence. "Skin cancer is now considered epidemic throughout the nation", according to The Centers for Disease Control Prevention. "Over one million residents in the United States are expected to get skin cancer this year more people than the collective total of all who will get cancers of the breast, prostate, lung and colon. Exposure to

toxic molecules. These are known as free radicals and can lead to malignancies. Sunscreen, adequate coverage and sunglasses have long been recommended to avoid this damage, but diverse studies now suggest some promising supplemental strategies for UV protection from the inside out. Certain nutrients and a low-fat diet have shown specific anti-cancer properties.

#### Free Radical Control

Antioxidants have long been known to neutralize free radicals and render them inactive, protecting cellular structure. Powerful antioxidants include vitamin C (citrus fruits, strawberries, broccoli, tomatoes), vitamin E (asparagus, raw



UV rays cause oxidative damage and can actually change the skin's DNA.

ultraviolet (UV) rays in sunlight causes 90 percent of the skin cancer cases." And this overexposure may double the risk of melanoma, a type of skin cancer that causes more than 80 percent of skin cancer deaths.

UV rays cause oxidative damage and can actually change the skin's DNA cellular structure, creating highly unstable and

nuts and seeds, spinach), beta-carotene (yellow and orange vegetables) as well as the minerals zinc (shell fish, legumes, whole-grain foods) and selenium (nuts, whole-wheat bread, oatmeal). A recent study published in the Journal of Investigative Dermatology demonstrates that lutein and zeaxanthin, plant

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pigments found in predominately green leafy vegetables, also have strong antioxidant properties that diminish the effects of UV irradiation by reducing the acute inflammatory responses. Luteinand zeaxanthin-rich foods include green, leafy vegetables such as spinach, kale, broccoli and turnips as well as corn and egg yolks.

As long ago as 1991, studies have shown green tea consumption and topical application afford protection against skin tumors. More recent research corroborates these results and points to the polyphenols in green tea, which contain antioxidant anti-inflammatory properties. In addition, one major element in green tea, epigallocatechin-3-gallate (EGCG), is thought to stop production of an enzyme required for cancer cell growth. Several cups of green tea might be a worthwhile addition to your daily routine.

Avoiding fatty foods may also provide benefit. Studies suggest that a low-fat diet can reduce the incidence of premalignant lesions called actinic keratosis. To maintain a low-fat diet, the U.S. Department of Agriculture recommends that you get most of your calories from organic, whole foods such as grains, fruits, and vegetables and to avoid foods high in saturated fats. For more information, visit the website www.health.gov/dietaryguidelines/.

#### **Know the Index**

Even though it is helpful to counteract damage to your skin through nutrition, it remains vital to shield yourself from the sun's invisible UV rays and avoid them when they're at their most intense. The UV Index, a measurement of ultra-violet sun radiation, can assist in protecting you from potentially harmful exposure. This forecast of UV intensity ranges from a nighttime low of O to a very sunny 10-plus. It is greatest when the sun hits its apex (noon), then rapidly decreases as the sun moves across the afternoon sky. The higher the UV Index, the shorter the time for skin damage to occur. To determine the UV Index in your area, check your local newspaper, TV and radio broadcasts, oryou www.epa.gov/sunwise/uvindex.html, the Environmental Protection Agency's website. This rating allows you

to determine your geographic risk and, in turn, the level of adequate sun protection needed.

Regardless of your sun-screening defenses, always be vigilant about checking your skin for possible signs of melanoma. "When melanoma is detected in its early stage, surgical removal cures the disease in most cases," according to the American Academy of Dermatology. "If the disease has spread to lymph nodes, the 5-year survival rate is 30-40 percent. If the disease has spread to distant organs, the 5-year survival rate is 12 percent."

Melanoma appears as a pre-existing mole that changes, or as a new mole on previously unaffected/clear skin. Performing skin self-exams every few months and knowing the characteristics to look for in any mole identified will enhance early detection and reduce risk. For more information on early detection, visit www.skincancer.org.

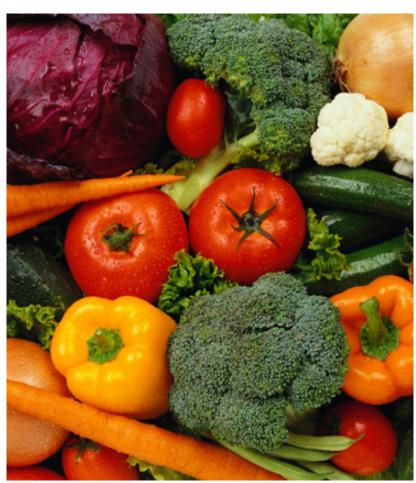
And don't forget common sense practices:

--Avoid long-term sun exposure and

wear a hat, sunglasses, and protective clothing.

- --Apply sunscreen with SPF of 30 or above.
- -- Avoid artificial tanning devices.
- --And be aware of sun exposure year-round.

With a few protective measures, you can continue to enjoy fun in the sun safely. Wear your sunscreen—in the winter months as well as the summer—seek shade, cover up with sleeves and pants, and don't forget your hat!



A colorful diet can help provide sun protection from the inside out.

# Cultivating a Gardening Habit Discover the Health Benefits of Yard Work

Feeling the need to exercise, clean up your diet, meditate? Want to be more creative, get out and meet people, enjoy the outdoors, and slow down? There's one activity in which you can accomplish all of these objectives: gardening.

#### Encouraging Exercise

Studies show that vigorous digging burns 500 calories an hour, weeding burns 210 calories, and mowing the lawn burns 400 calories. As a moderate exercise, gardening has been found to decrease the risk of heart disease and diabetes, and a study at the University of Arkansas found that gardening was almost as effective as weight lifting in reducing the risk for osteoporosis in women. So instead of taking that indoor aerobics class this summer, try mowing the lawn or planting an herb garden.

As with any exercise regimen, the key is to start at a comfortable pace and gradually work your way up to longer, more difficult activities. Your heart rate should be about the same as when you take a brisk walk.

IMPROVING YOUR DIET

Gardening will also likely help you eat better. Research shows that people who grow gardens eat more vegetables and fruits than those who don't. Growing fresh herbs, even in a container on the deck or balcony, is another great way to flavor and freshness home-cooked meals and an incentive to try new recipes.

#### BOOSTING YOUR SOCIAL LIFE

Gardening can also be quite social. Whether at a garden club, a community garden, or an online forum, people love to share ideas, solve common problems, and connect through mutual interests.

#### Easing Stress

And finally, gardening is a great way to manage stress. Spending time outside and tuning in to the rhythms of nature, we're reminded to be patient, slow down, and breathe the fresh air. Whether growing flowers, vegetables, or herbs, a garden reminds us of our connection to life and the abundance that nature so freely gives.



Gardening burns calories and improves diet.

# Be Immune to Inactivity

The World Health Organization has called inactivity the second-leading risk factor for non-communicable diseases and the fourth-leading risk factor for global mortality.

In the United States, inactivity has helped contribute to the fact that 35.9 percent of adults age 20 years and over are obese, as well as 18 percent of adolescents and children ages 6-19.

With risk factors like high blood pressure, high cholesterol, coronary artery disease, stroke, type 2 diabetes, and more, it's important to make sure you get enough exercise and activity to stay healthy.

Here are some tips to help you keep moving.

#### Be Aerobic Every Day

The Centers for Disease Control (CDC) recommends getting 2.5 hours of moderate-intensity aerobic exercise each week. If you break it down, that's just over 20 minutes a day of activities like walking, water aerobics, riding a bike, or pushing a lawnmower.

Want to cut that down even further? If you bump the exercise up to vigorous intensity, you can cut the time in half. Vigorous-intensity activities include jogging or running, swimming laps, and playing basketball or tennis.

#### Add Muscle-Strengthening

Lifting weights, working with resistance bands, and doing body-weight resistance exercises, heavy yard work, or yoga are all considered by the CDC to be important muscle-strengthening activities. The recommendation is to get this type of exercise at least twice a week to the point where your muscles are

If you focus on setting realistic goals and getting just a bit of exercise each day, you'll be on your way to meeting the requirements in no time. Find exercises and activities that you enjoy doing, and it won't seem like such a burden. Plus, you'll feel great about reducing the risk factors associated with a sedentary lifestyle. So get a plan, get out there, and get moving!

#### July 2017

Heaven Scent will be closed Monday, July 3rd and Tuesday July 4th for the 4th of July holiday and also be closed on Fridays in July and August.

My vacation closing will be from July 31-August 11.

On-line scheduling and Purchase & Print gift certificates may be found on my website: www.HeavenScent.SkinCareTherapy.net

#### Victorian Garden Facial \$99

Transport yourself to another place and time and indulge in the fragrance of a Victorian garden. This facial includes a microdermabrasion exfoliating scrub and the pure essential oils of many summer floral garden favorites. Slow down and invest some time in yourself. You won't regret it. This facial is for all skin types and will smooth and hydrate your sun parched summer skin.

#### Foot Treatment

The new exfoliating and hydrating foot treatment can be added to any facial for \$25. (Feet must be clean in order to perform this treatment). The foot mask socks stay on your feet for the duration of your facial and then reveal progressively silky soft feet (and heals) over 3-7 days. Combats and smooths stubborn calluses. Love those feet in sandal weather!

This foot treatment may be done alone and takes approx. one hour for \$50

#### Lash OR Brow tinting only \$35!

Tint your lashes or brows a deeper color to enhance them!

(Specials cannot be combined with any other offer or coupon with the exception of a referral discount card.)

To take advantage of a special, please mention it at your next appointment. In some cases, online scheduling may not show discounted special price but it will apply when you check out at your appointment.

Thank you for supporting small local businesses!

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To make an appointment or purchase an on-line gift certificate go to www.HeavenScent.SkinCareTherapy.net or call 978-568-0090 or email me at Heaven\_Scent@verizon.net

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