

CORPORATE ANNOUNCEMENTS

PYCNOGENOL® EMERGES IN MAINSTREAM NEWS OUTLETS

Reuters Health, United Press International, FOX News Channel, *Daily Mail*, *Croissant Premium*, *Tarzan*, and *AARP* magazines are a sampling of prestigious news outlets that have written about Pycnogenol® this year alone. The ingredient has garnered exceptional global coverage in mainstream media outlets, most which are influential and credible news sources for consumer health and wellness information. From joint health to controlling asthma to skincare, consumers nationwide are taking a bite out of our bark and reaping the extract's health benefits.

The media coverage is an important part of our global communications outreach programs in an effort to not only raise awareness of the Pycnogenol® brand and its versatile health benefits, but also to educate consumers on new research as it becomes available — in real time — so they can make informed choices when choosing natural supplements, cosmeceuticals and functional foods and beverages.

View selected press articles in their entirety at www.pycnogenol.com and click on *In the News*.



PRODUCT SPOTLIGHT

LABORATOIRE SATELLIS

Laboratoire Satellis: A new line of innovative products was recently launched by Laboratoire Satellis in France. Introduced exclusively to naturopaths, Satellis developed six different products with Pycnogenol® as a key ingredient that span a variety of different health conditions.



CAPITAL 24 is an antioxidant formula. It contains Pycnogenol®, green tea, vitamins C & E and Spirulina. Satellis recommends an intake of 3 tablets per day which provide a total daily intake of 154mg Pycnogenol®. One box of 45 tablets is sold at € 42.

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Welcome

Skin care is a topic that we have studied with great intensity in the past decade. Pycnogenol® has much to offer as it truly captures the essence of the inside/outside health and beauty concept with its versatile antioxidant health benefits.

With the popularity of functional and natural skin care ingredients in demand globally, we take a closer look at the science and trends supporting both topical and oral skincare applications in this issue.

The future for natural skin care products is looking "bright" with Pycnogenol®!

Best Regards,

Victor Ferrari
Chief Executive Officer
Horphag Research

FEATURING...

THE LATEST UPDATES ON PYCNOGENOL® :

FEATURE ARTICLE: PYCNOGENOL® FOR SKIN CARE

PYCNOGENOL® SIGNIFICANTLY REDUCES MENSTRUAL PAIN

PYCNOGENOL® EMERGES IN MAINSTREAM NEWS OUTLETS

Pycnogenol® is a registered trademark of Horphag Research Ltd and is protected by U.S. patents #5,720,956 and #6,372,266 WWW.PYCNOGENOL.COM

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REPORT

LOOK, FEEL, AND LIVE BETTER

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**CORPORATE
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**Pycnogenol® Emerges
In Mainstream News Outlets**

Pycnogenol® for Skin Care

**The evolution of
Pycnogenol® for skincare:
Examining the extract's
inside/outside concept**



PYCNOGENOL®
LOOK, FEEL, AND LIVE BETTER

PYCNOGENOL® FOR SKIN CARE

The evolution of Pycnogenol® for skincare: Examining the extract's inside/outside concept.

Skin care has evolved over the years as product choices and knowledge have increased and changed the nature of beauty routines for both men and women. One of the reasons skin care has become increasingly important today is the connection between environmental factors such as sun and aging. Individuals are taking action early on and looking for products that provide optimal protection against these factors as well as maintaining a healthy beauty balance from the inside and outside. Pioneers in this field such as Dr. Nicholas Perricone and others have documented the trends, examining active natural ingredients and lifestyle to determine what the best combination is for optimal healthy and beautiful skin inside and out.

Pycnogenol's® scientific discoveries for both oral and topical formulations provide a strong foundation with regards to its health benefits for skin. We take a brief look at some of the highlights here and later sit down with Dr. Fred Pescatore to further explore his patients' needs in this ever changing landscape.

One of Pycnogenol's® basic mechanisms of action is its ability to bind to the skin's collagen and elastin, inhibiting collagen and elastin degradation by destructive enzymes fighting harmful free radicals in the process. Pycnogenol® also was shown to increase skin elasticity and

smoothness which helps ward off wrinkles. Published in the *Journal of Dermatology Treatment*, supplementation with a Pycnogenol® formula was shown to significantly increase skin elasticity after 6 weeks.

While Pycnogenol® does not provide SPF protection, using a sunscreen or skincare product with Pycnogenol® may help reduce damage to the skin cells caused by UVB radiation. Research shows Pycnogenol® effectively neutralizes harmful free radicals originating from UV rays that saturate the skin and cause inflammation. Studies conducted at the University of California and the University of Arizona, Tucson show oral consumption of Pycnogenol® acts as a powerful anti-inflammatory, counteracting inflammation caused by the sun. It also provides protection from photo aging and sunburn. Pycnogenol® shields collagen fibers and binds to elastin saving delicate skin from destruction and helping to maintain skin elasticity and smoothness.

Additional research revealed Pycnogenol® applied topically subsequent to UV exposure reduced swelling of irritated skin and sunburn. Pycnogenol lotion was found to reduce the long term UV damage to the skin. While Pycnogenol® is not a sunscreen by itself, using a sunscreen or skincare product with the antioxidant included reduces the damage to the skin cells caused by UV-light and defies the photo-aging of the skin.



Interview with Dr. Fred Pescatore

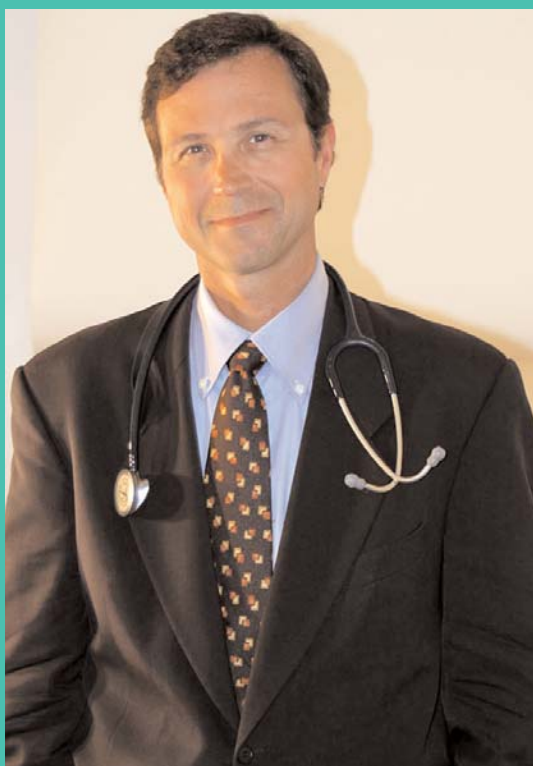
Horphag sat down with Dr. Fred Pescatore, a physician practicing nutritional medicine in NYC to tap his expert opinion on the trends in natural skincare and how Pycnogenol® fits into the equation. Here is what he had to say.

In your opinion, what are your patients most concerned about in regards to skincare and aging?

The most common things my patients are concerned about are: fine lines and wrinkles, older looking necks and hands as well as age spots

What is the average age you see your patients becoming more aware of taking preventative measures in regards to the health of their skin? What do you recommend for different age categories (20s, 30s, 40s, etc.)

I would say the average age for my patients wanting to take care of their skin is around the late 20's for women and not until the late 40's for men



although each one of those categories is skewing younger. Regardless of the age the person wants to start, I recommend both an inner and an outer protocol. The outer protocol consists of a toner, followed by a line reducer followed by a day cream with sun block or a night cream without depending on the time of the day and an eye cream. As for the internal protocol, I recommend fish oils, and Pycnogenol®.

Have you noticed their skincare and lifestyle/nutrition needs change over the years? Describe.

Everyone changes as they age, depending on whether they learn to eat better, or worse for that matter; exercise plays a role and the stress they find themselves in. Let us not forget that as we age, our ability to absorb nutrients declines and we must always keep in mind the role that water plays in keeping our external appearance

healthy. We may need more fish oils if we don't eat fish, we may need more calcium in the form of peanuts, or green leafy vegetables. Our bodies are constantly changing and we need to make adjustments constantly.

Do you recommend Pycnogenol® to your patients for skincare? Why?

Pycnogenol® is part of every skin care regimen that I recommend. It has been scientifically proven to aid in nitric oxide production which allows more blood to get into the microcirculation to nourish our skin. When our skin gets more oxygen, it looks better and can heal from the daily assaults our skin takes such as the toxins from the food we eat to the air we breathe and everything else in between.

Also, Pycnogenol® has been proven to help improve the elasticity of the skin by helping the collagen and elastin – the two proteins in our skin to function better and not die-off so rapidly.

How do Pycnogenol's® oral and topical health benefits synergistically work together to achieve exceptional results from the inside out and from the outside in?

When you are applying a product from the outside, and allowing it to work on the collagen and elastin topically, it decreases the breakdown of



the proteins and thus less wrinkles. From the inside, it increases blood flow to the skin thus bringing more oxygen to the skin and thus allowing more nutrients to flow to those hard to reach places. We should also not forget the anti-oxidant aspects of Pycnogenol®. This ability also helps to decrease free radical damage to the skin and many other areas of the body.

The demand for Pycnogenol® in skincare products has steadily increased over the years. What do you believe the driving force is behind this demand?

I believe the driving force behind this is the fact that Pycnogenol® not only has science behind it but also has incredible word of mouth. When one friend starts to tell another their anti-aging secrets, and the results speak for themselves, there is no stopping the train.

With all of the natural cosmeceutical products lining the shelves of your local health shop, what differentiates Pycnogenol® from other products and keeps it on the cutting edge?

The main difference is Pycnogenol's® ability to do the job and the clinical science that helps it to back up the fact that it does what it says it can do. My patients love it and I use it too – there can be no better testimonial than that.

NEW RESEARCH



Pycnogenol® Significantly Reduces Menstrual Pain

A new study reveals dysmenorrhea, a condition that causes extremely painful menstrual periods affecting millions of women each year, can be reduced naturally by taking Pycnogenol®. The multi-center field study, published in the *Journal of Reproductive Medicine*, shows women with dysmenorrhea who supplemented with Pycnogenol® experienced less pain and required less pain medications during menstruation.

The randomized, double-blind, placebo-controlled study was conducted at four Japanese hospitals (Kanazawa University Hospital, Keiju Medical Center, Hamamatsu University Hospital and Sugiura Clinic) and sampled 116 women, aged 18–48, suffering from menstrual pain.

Patients were monitored for five menstrual cycles. They were supplied with a diary to note the pain during days of menstruation, which was eval-

uated using the established Visual Analog Scale. The first two pre-treatment menstrual cycles were utilized for establishing base-line values for pain sensation and NSAID analgesics. During the following two menstrual cycles women were randomly assigned to groups receiving daily regimens of Pycnogenol® or placebo. Thereafter, supplementation was discontinued to investigate the recurrence of symptoms. The use of NSAID analgesics was not restricted during the entire study. However, patients were required to note the dose and the type of analgesics, as well as the time taken in their diary.

Results showed treatment with Pycnogenol® lowered pain during menstruation, which was reflected by a significant reduction of NSAID used. The number of painful days due to dysmenorrhea decreased from an average of 2.1 days prior to treatment to 1.3 at both the third and fourth cycle.

LABORATOIRE SATELLIS



ARTILIB is a combination of tablets and capsules for joint pain relief. The ingredients are Pycnogenol®, black currant, grape seeds, fish oil, Devil's Claw, harpagophytum and acerola. By taking the recommended dosage of 2 tablets and 1 capsule of ARTILIB per day, the total intake of Pycnogenol® is of 30mg. Each box contains 30 tablets and 15 capsules and costs € 27.

OPTIMAX is for eye health as it helps protect the retina and the crystalline of the eye. The combination of 30 tablets (2 per day) + 15 capsules (1 per day) contains Pycnogenol® (40mg recommended daily dosage), acerola, vitamins, curcuma, bilberry and fish oil. The price is € 26 per box.



SPECIFLUX is used in the chronic venous insufficiency (CVI) field of application and helps improve blood circulation in the lower legs. It contains 45 tablets with Pycnogenol® (40mg recommended daily dosage), horse chestnut, red grape vine leaves, acerola and green tea. It is sold at € 26.

STABILIGLUCOL, a combination of Pycnogenol® (10mg recommended daily dosage), white beans bark, cinnamon bark, green tea, green coffee and fish oil to help maintain a normal blood glucose level. Each box contains 30 tablets (2 per day) + 15 capsules (1 per day) and is sold at € 24.



NUTRICEPHALE, with Pycnogenol®, (20mg recommended daily dosage), L-Glutamine, red cabbage, ginkgo, ginseng, Vitamins and fish oil is designed to help improve the memory of senior citizens. The product is sold at € 24.

To learn more about this innovative product line, please visit www.laboratoire-satellis.fr/