What Happens When the Olive Leaf Meets the Aloe Leaf?

The olive leaf and the aloe leaf are two of Mother Nature's prized therapeutic creations, recognized by most health professionals for their numerous healing properties. Now these two have been combined into an over-the-counter therapeutic agent. Can you imagine what is produced when oleuropein, the primary therapeutic ingredient in olive leaves, comes in close synergistic contact with the acetylated mannans (mannose) and other complex carbohydrates contained within the colorless gel of fresh Aloe vera leaves?

East Park™ Research, Inc. of Las Vegas, Nevada, manufacturers of d-Lenolate®, the patented, extraction processed, commercial brand of olive leaf extract, has arranged with Carrington Laboratories, Inc. of Irving, Texas, makers of Manapol®, the patented "product by process," cell-penetrating form of acetylated mannans, to provide this potent new healing remedy. Furnishing total anti-pathogenic properties with immunological enhancement, this newly introduced mega-nutritional supplement is straightforwardly brand-named d-Lenolate® with Manapol®.

Components of the New Mega-Nutritional Supplement

Delivering a combination of 420 mg of d-Lenolate accompanied by 80 mg of Manapol in each vegetable-based capsule, the new mega-nutritional supplement carries the Dietary Supplements' Health and Education Act (DSHEA) of 1994 claim, certifying that it enhances the human immune system. Ingesting the product regularly for purposes of medical prevention will potentially have almost any person enter a state of relative insusceptibility to invasion by disease-producing organisms or to the harmful effects of their toxins. Also, popping down two or more of the product capsules daily will likely help improve the environment inside one's body and bring it back to homeostasis. In my opinion, such supplementation is a perfect preventive medicine measure.

Yes, immunity depends on the presence in the blood of antibodies and white blood cells (lymphocytes), which produces an immune response. An immunological positive response tends to restore a healthy physiological balance, and taking the combination encapsulated product of d-Lenolate with Manapol can achieve exactly that benefit.

Immune enhancement is important for the control of infectious microbes; however, Manapol does not by itself possess the ability to kill off pathogens that burden the immune system. Rather, an immune system under microorganism attack sometimes remains unable to function as physiologically designed to eliminate factors that upset healthy balance in the body. When combined with d-Lenolate (which has demonstrated a proven ability for destroying pathogens), Manapol's action is markedly strengthened. The Manapol ingredients gain an energy surge that often allows them to perform better against the most common diseases caused by microorganisms.

Yeast infection from Candida albicans or another yeast-derived fungus, for instance, is likely devastated by this combination mega-nutrient simply because the two compounds, d-Lenolate with Manapol, working synergistically, stimulate the action or reaction of a more powerfully stimulated immune system. Together, the potency of the two nontoxic, natural ingredients cannot be dodged by pathological yeast (fungi). The synergy is too strong. The new mega-nutrient counteracts factors that upset healthy balance within the body. (See Table 1, modified from a book written by chiropractic authorities on Lyme disease treatment.)

The Anti-Pathogenic Action of d-Lenolate

Applicable for the successful treatment of septicemia from staphylococcus, upper respiratory streptococcus, yeast vaginitis, plus 122 additional infections from bacterial, viral, retroviral, fungal, and amoebic sources, plus the bodily invasion of worms and other parasites, d-Lenolate in olive leaf extract is associated with no less than 96 more nature-supplied chemical variables besides oleuropein.

East Park Research, Inc. has determined that, of the 97 different chemicals in the olive leaf, 23 chemicals, in addition to oleuropein,
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Olive & Aloe Leaves Meet have been found to be of true therapeutic value in humans, Oleuropein was a term East Park Research introduced to North America in 1995 when the product was first brought to market. Americans had never before heard of olive leaf extract as a medicinal substance. So, this nutraceutical company took one of its active ingredients, oleuropein, and used it to introduce the product. Since then, the term has come to indicate quality or potency of similar products and represent certain other medicinal ingredients in olive leaves.

Surprisingly, although actually present in the olive leaf, oleuropein by itself is not very useful as an antimicrobial. Why? Because to work effectively against pathogens, oleuropein must be present with certain human or animal blood enzymes (specifically, beta-glucosidase and/or esterase). Then, oleuropein, by a natural chemical process called hydrolysis, changes into another chemical, elenolic acid, which is the actual attacker and killer of pathogens invading the blood. Thus, elenolic acid is the true antimicrobial ingredient in olive leaves that hydrolysates in an animal organism’s blood and becomes deadly to pathogens.

Ordinarily, elenolic acid is unavailable even in animal blood, because oleuropein binds very readily by a process of chelation to serum proteins. Elenolic acid usually is held fast (enclosed in a binding chemical chain), and less than five percent of its therapeutic effect gets released. Other brands of olive leaf extract would need to be ingested in large doses (at least 20 times a usual dosage of 500 mg) to gain any benefit at all. The standard gelatin encapsulation in which the supplemental olive leaf's extract are held would certainly bring on gastrointestinal upset due to the quantity of gelatin pills ingested. And the powdered olive leaf extract could not be taken without encapsulation, because the olive leaf’s powder is bitter to the point of causing nausea and vomiting.

In 1995, East Park Research, Inc. overcame this obstacle by circumventing the serum-binding problem and leaving oleuropein free to circulate in the blood; there’s no protein chelation effect. The process invented by biochemists at East Park Research, Inc. is unique. They experimented diligently and created the five-day procedure, which produces a liquid extract. Unlike most manufacturers, they did not use strong petroleum-based solvent for

Table 1: Factors That Upset Healthy Balance in the Body

The new mega-nutrient combination supplement d-Lenolate with Manapol tends to overcome internal and external environmental factors that upset nearly all parameters of normal body balance. The following signs and/or symptoms of potential illnesses respond well to the described food supplement. As mentioned, the encapsulated vegetarian food supplement combines the primary therapeutic ingredients of two highly advantageous and nontoxic botanicals: olive leaf extract and aloe vera leaf gel. Cited in no particular order of significance, the abbreviated list of precursor causes and chief characteristics of common sicknesses that this new product can overcome are the following:

- Irregular body pH, either too acidic or too alkaline
- Loss of the predominantly negative polarity of the body tissues
- Reduced core body temperature
- Prolonged negative emotions
- Body aches, especially back pain, chest pain, and headache
- Inherited predispositions and constitutional weaknesses
- Vaccinations/immunizations
- Overuse of antibiotics, steroids, and other synthetic prescription medicines
- Long-term biomechanical stress
- Dietary imbalances, such as that resulting from excessive junk food intake
- Tissue toxin overload from accumulated cellular waste products
- Malfunction of some organs of elimination
- Electromagnetic pollution
- Toxic metal syndrome
- Mental duress
- Depression
- Absence of creative stimulation
- Receptivity to infection
- Mutated pathogenic microorganisms
- Parasitic invasion
- Unrelieved geopathic stress
- Nocturia with associated lack of sleep
- Congenital organ dysfunction
- Inherited organ dysfunction
- Acquired organ dysfunction
- Destabilization of cellular DNA/RNA
- Chronic malnutrition as in undernourishment from fatty acid oxidation
- Chronic unremitting allergies
- Chronic fatigue syndrome
- Irritable bowel syndrome
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extraction. East Park Research’s method uses only pure water and ethanol. Then the extract is dried to a powder state, encapsulated, and packaged for public distribution. No high temperatures or oxidizing solvents are applied. Most of the beneficial ingredients within the olive leaf are retained in oleuropein’s left-light-turning or levorotary molecules so that its anti-microbial qualities are kept.

And researchers at East Park Research, Inc. did something else of equal significance: they discovered how to keep in the more potent “d,” or dextro-rotary, molecules of oleuropein. (Light passing through the oleuropein turns rightward or “dextro.”) The company learned over time that certain types of olive leaves from various parts of the world (27 nations furnish olive leaf extractions) contain much more of the anti-microbial molecules than others. The source countries remain a proprietary secret, and East Park Research, Inc. rejects more than 75% of all the olive leaves offered by herbalists and other international botanical brokers. Incidentally, this right-hand or dextro-turning light passing through the brand-named “lenolate” is the reason that East Park Research, Inc., labels the commercial product as d-Lenolate.

Two d-Lenolate Investigations by Bernard J. Mizock, MD, FACS

During the investigatory period of January through June 1999, Chicago, Illinois surgeon Bernard J. Mizock, MD, FACS, evaluated the efficacy of the East Park Research, Inc. d-Lenolate product for the control of Candida hypersensitivity syndrome. All 30 subjects participated in a double-blinded, randomized, placebo-controlled study for 60 days. At both the beginning and conclusion of the investigation, these patients underwent basal metabolic panels, complete blood counts, and the recording of Somatomedin-C levels. They each took six capsules daily of either d-Lenolate or the placebo. There were no dietary modifications or added exercise programs, and no extra nutritional supplements were given.

Dr. Mizock reported on July 9, 1999 that he observed d-Lenolate had reduced symptoms of chronic yeast infection by greater than 50% within 60 days with no apparent side effects. Patients, all female, had rid themselves of yeast vaginitis, mucocutaneous infections, severe premenstrual tension, menstrual irregularity, chronic gastrointestinal symptoms (such as bloating, heartburn, constipation, diarrhea), central nervous system manifestations, depression, anxiety, loss of concentration, memory deficits, irritability, headache, respiratory symptoms (such as persistent nasal congestion) and chronic fatigue syndrome.

The following year, Dr. Bernard Mizock retired from the practice of surgery and moved to Alameda, California. He kept his mind active, however, by occasionally engaging in clinical investigations of nutrients for health problems that held his interest. Thus, d-Lenolate was again used by him in a second study to record the modification of symptoms related to arthritic symptoms. Using the Western Ontario University and McMaster University Arthritis (WOMAC) index, scores were obtained during the period September 2000 to January 2001 at baseline, 20, 40, and 60 days. No changes were made in the patients’ ongoing diet or medications.

Dr. Mizock noted that at 20 days of treatment, a 20% improvement occurred for patients’ arthritic symptoms with their WOMAC composite score of 40; at 40 days, they showed a 36% improvement with a WOMAC score of 32; at 60 days, a 36% improvement was seen with their WOMAC score of 32.

He concluded that, “East Park d-Lenolate improves the symptoms of arthritis. The effects are first noted within 20 days, and reach a maximum effect of 32% improvement at 40 days.” Dr. Bernard Mizock’s experiences in his two privately conducted clinical trials were duplicated with even better results, as reported in my book on the subject. In 1969, the US Surgeon General, William Stewart, declared in a speech to the nation: “The war against infectious diseases has been won.” Dr. Stewart was dead wrong then, and he is still wrong!

During the early autumn of 2002, I traveled to Budapest, Hungary to deliver a series of lectures to medical professionals about the beneficial applications of nature-made olive leaf extract as a substitute for man-made antibiotics. The Chief of Medicine at that city’s main health care dispensing facility, Budapest General Hospital, emphasized to me that his experience with fighting infection by prescribing vegetarian capsules of olive leaf extract had reached a success rate of 90%. “As a rule,” he told me, “I always use olive leaf extract before resorting to any antibiotics.”

The olive leaf extract product, d-Lenolate, is needed now more than ever. When combined with Manapol, it makes for a highly efficacious mega-nutrient against infectious illnesses and degenerative diseases.

The Acetylated Mannans of Manapol

Manapol contains Beta-(1,4)-linked polymeric acetylated mannans, pectin, natural fibers including methylcellulose, and calcium maleate; each component of Manapol is approximately 25% by weight of ingredients designated Generally Regarded As Safe (GRAS). Manapol is commonly used as the primary component of nutritional products and
The solids are removed from this cake the clear viscous gel generally
fillet is homogenized and processed the inner gel of the aloe leaf, with the
current US Governmental standards weight considered a "product-by-
certified, the total carbohydrate Kosher-
mannose. as the sugar
acetylated polymeric backbone
weight with a poly-dispersed
L. from the inner gel of the
Aloe vera
carbohydrate is a purified "biologic"
dietary aids inasmuch as this complex
of "immune enhancing." It is freeze-
dried and contains more than one-
quarter of acetylated mannans in its
average molecular weight of 1.8
million Daltons.

Manapol has a high molecular
weight with a poly-dispersed
acylated polymeric backbone referred to under the general category
as the sugar mannose. Kosher-
certified, the total carbohydrate
content is between 70% to 95% by
weight considered a "product-by-
process" manufactured in a bulk
pharmaceutical facility compliant with
the Carrington Laboratories
nutritional supplement is used
extensively by Kalyiani Kumar, MD,
medical director and chief surgeon for
the clinic facilities of Obstetrics and
Gynecology Associates, Inc. of
Richmond, Virginia. Dr. Kumar
dispenses Manapol as capsules for
purposes of speeding the healing of
her patients' incisions and other
wounds. Interviewed from her
Richmond clinic. Dr. Kumar gave the
following report:

Studies I have read indicate
that for over twenty years the
immune systems of Americans
have been functioning to a level
of less than 75% of normal. To
offset this reduced immunological
efficiency, I dispense Manapol as
oral capsules to be taken regularly
by my patients in the amount of
two capsules every day. If a
patient feels a cold, flu, or some
other condition coming on, she is
advised to increase the dosage to
six capsules daily. This is done to
stimulate her immune system for
the period that it takes my patient
to return to homeostasis.

I have used this health product
for any immune system
dysfunction such as in systemic
lupus erythematosus, arthritis,
chronic fatigue syndrome,
asthma, and conditions that come
on women during the menstrual
period. I dispense Manapol for the
reduction of symptoms of
neuralgia and other neurological
conditions such as multiple
sclerosis, Parkinson's disease,
and peripheral neuropathy, plus to
reduce symptoms and signs related to infections. Post-
surgically, patients who have been
operated heal much faster by its
application. Actually, I can look at
an incision — the manner in which
it is healing — and I'm able to know
who is or is not taking the aloe vera
capsules.

Aloe vera ingredients within
the capsules prevent infections
too. The Manapol product is
something that I ask my patients
to swallow for a few days prior to
undergoing surgery, as before a
hysterectomy. All aspects of the
surgery performed come to better
conclusions — improved healing
for those who ordinarily would not
experience good repair as in
diabetics, obese patients,
malnourished patients, and
others. There is excellent first
intention healing of their wounds.
And my patients love the product.
There are no complaints, no
adverse side effects, and no
dropouts. I see good patient
compliance.

I can give you some case
histories from my extensive
experience in which I believe the
patients were benefited by their
taking Manapol. I've used it for
thousands of women; for example,
it has reduced the ingestion of
allergy medicines from at least
half-a-dozen down to none after
being on the product to a couple
of months. The need for
medications of many types
reduces to the point that they can
abandon them. It's the same for
antibiotics; such drugs can be
discarded once Manapol becomes
a part of the patient's routine.

Just this morning, I saw the
excellent result of Manapol usage
by my patient, BW, who suffered
from trigeminal neuralgia with
damage to the myelin sheath of
the trigeminal nerve. BW's jaw
problems had included facial pain
when she coughed, swallowed,
brushed her teeth, or did
something else with her mouth.
She also was affected by type-1
herpes simplex with cold sores,
but the corrective response for her
took place within one week of
taking the Manapol product. Both
the jaw pain and the herpes
triggers disappeared for BW.
In Summary: d-Lenolate with Manapol

In a letter from Barrett A. McCartney, MD, Director of Critical Care Services, Doctors Hospital in Nassau, Bahamas, we read:

A 63-year-old truck driver/mechanic, who is alcoholic and a heavy smoker, was involved in a road traffic accident on February 6, 2003. He sustained a skull fracture, fracture of the right femur, and crush injury to the left ankle. His ankle injury became infected and nonviable, necessitating amputation three days later. The infection had become blood-borne (septicemia) and was complicated by pneumonia in both lungs. Despite optimal combinations of potent antibiotics, the pneumonia was not responding. After three weeks without resolution, two d-Lenolate every four hours were prescribed. Within three days, the truck driver’s temperature was normal, and a day later, he did not require oxygen any longer.

Manapol is well-recognized as an immunostimulant, and it has been cited as such by numbers of respected veterinarians. For example, E. Gregory MacEwen, VMD, Professor of Medicine and Oncology at the University of Wisconsin School of Veterinary Medicine; Michael J. Betley, DVM, MS, in equine sports medical practice in St. Peters, Missouri; and Glen K. King, DVM, MS, performing veterinary research at the M.D. Anderson Cancer Center in Houston, have joined to describe the immunostimulative qualities of such agents. A summary of their collective statements made during the course of a panel discussion for the journal Veterinarian Exchange follows below:

Immunostimulants are of benefit in the treatment of any condition involving a compromised immune system, including deep pyodermas in the dog; in fact, activation of macrophages by immunostimulants leads to the release of a variety of cytokines. The cytokine response enhances the immune response in a variety of ways. It improves the efficiency of phagocytic cells, induces increased production of leukocytes, and increases the activity of natural killer cells. As a result of this boost to the immune system, an animal is better able to overcome infections. In addition, immunostimulant administration may be associated with enhanced resistance to tumors and accelerated wound healing. . . . there are three common licensed immunostimulants available in the United States, and one of them is the acemannan immunostimulant [Manapol] from Carrington Laboratories. It's a complex carbohydrate derived from the aloe vera plant.

Almost every man-made antibiotic suppresses the immune system and kills the essential friendly bacteria in the intestinal tract. By combining the non-synthetic antibiotic d-Lenolate, which works against infection, with the immunostimulative qualities of Manapol, a meganutritional supplement is created. This supplement becomes the quintessential immune system booster and enhancer that people may take for preventive purposes against or as treatment for illnesses.

Resources
For additional information about d-Lenolate® with Manapol® or just d-Lenolate alone, contact customer service at the corporate offices of East Park Research, Inc., 2709 Horseshoe Drive, Las Vegas, Nevada 89120; 800-656-8687 or 702-837-1111; Fax 702-837-1110; Email: info@eastparkresearch.com; or see the company’s website: www.eastparkresearch.com.

Also, more knowledge may be gained specifically about Manapol® powder and capsules or about d-Lenolate® with Manapol® from Carrington Laboratories, Inc., 2001 Walnut Hill Lane, Irving, Texas 75038; 972-518-1300; Fax 972-871-0681; for technical data about Manapol®, telephone Sabila QA/QC at 506-666-0100.

Notes