



Finding the X-Factor

What do Leeches and Danné Enzymes have in common?

By Dr. King

In the field of medicine there are new and amazing breakthroughs in drug chemistry, medical procedures and advancements in surgical equipment being presented to us every year. As a student of pharmacology I have been fascinated all my life by the power and chemistry of nature and have seen and experienced many cosmetic surgical procedures, facial treatments and topical applications. In this article I will compare my own personal experiences with the power of natural pharmacology in the form of skin replicating amino acids to the medical effect of the humble leech beginnings.

'...by creating the right compositions of topical Enzymes and activating them to stimulate the skin we can trigger a unique AntiAgeing effect in the skin.'

Since early Egyptian days of medicinal beginnings some 1500 BC and through to the period of bubonic plague, even Nostradamus used leeches as part of his medical practices to manipulate the skin.

Thousands of years later in 2004 the Food and Drug Administration (FDA)

cleared the first application for leeches to be used in modern medicine as medical devices.

What makes this amazing is that man with his vast array of science still relies on an organism made by mother nature to perform a very basic but life saving task, sucking blood. As a scientist and pharmacologist mainly in natural chemistry this has always fascinated me and as a specialist working to enhance the skin to help solve skin problems, maintain beauty and longevity whilst working alongside plastic surgeons.

With a vast network of connections I have made in 40 years of travelling,

receiving feedback and studying the skin, I have learnt to respect the power of nature and match it with the microbiology of our own physiology. Leeches are amazing organisms because of their natural abilities to attach to the skin, and extract blood whilst secreting

biological agents that inhibit pain. The power of nature is something that can never be underestimated and modern science is paying more attention to the biomechanics of how it works, especially with potential challenges such as the bird flu pandemic.

Plastic and cosmetic surgeons use leeches in special rescue cases when blood flow is critical to the survival of a small limb or severed fingers, ears, detached scalp. This is achieved by reconnecting major arteries and veins whereby the leeches prevent fresh, oxygenated blood from entering the affected area and clotting and causing cellular death. The leeches are applied to the tissue and they actively remove blood and secrete numerous compounds that have a vasodilator, anticoagulant, and clot-dissolving properties. This prevents the tissue from dying off and allows the body to re-establish safe blood flow to the reattached part.

I have found by creating the right compositions of topical Enzymes and activating them to stimulate the skin we can trigger a unique AntiAgeing effect in the skin. This is similar to

the 'leech effect' because activated enzymes are oxygenating and increasing microcirculation but additionally removing toxins, increasing nutrient supply and consequential accelerated fitness of the skin all in one, in the space of forty five minutes. Amino acids move deep into the skin through an occlusive barrier that increases heat and metabolic activity. Like leeches there is a vasodilatation effect that results in a 'plasmatic effect' which can actually be seen in the skin. The difference is that it is all over in under an hour and you don't have to succumb to any blood thirsty leeches.

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able to use further topical ingredients to stimulate collagen and elastin activity in the skin as well as inhibit and remove oxidative processes, also known as reactive oxygen species, through prescriptive home care.

As dermal specialists, we study the in-depth biology of the immune system, for which the skin is our protection from the outer world, and how we can focus on stimulating it in times of need. Interferons, IgG and prostaglandins are all complex immune components of the inner workings of the skin and it must be emphasized that the skin grows from within thereby making dermal penetration essential to the success of providing results.

With my network of doctors, specialists and therapists, I feel we have helped thousands of patients and made a real difference to the longevity of their skin, whilst educating them about the physiology of their skin and beauty. My policy has always been non-commercially orientated and based on 'Under Promise Over Deliver' effort focusing on education for all. I have always maintained the importance of education through interest and excitement focusing on results. If I could turn back time, I would have probably studied medicine and qualified as a plastic surgeon but the overwhelming results we have achieved leaves me feeling that we have truly excelled.

I have seen amazing results for horrific conditions and scars, which take months or years to repair but can be improved

dramatically and it still amazes me what our original research has produced from forty years of development. We don't test on animals as I believe that all forms of life have spiritual feelings but our results are loved by humans. With our ability to deal with scars, reduce surgical incisions and reduce inflammation as seen in severely active acne we have advanced into the field of AntiAgeing with growing demand from those who want real results. In some countries I work with my researchers calling this 'paramedical' but whatever it is called we are working closely with the physiology and biochemistry of the skin.

Last year I met with plastic surgeon Dr Greg Taylor who called me after completing his own research, to discuss

the power of stimulating dermal Enzymes in the skin to prepare and post treat skin in specific cosmetic surgical procedures. Interestingly we compared Enzyme activity with the turbo effect of a racing car and not surprisingly since he races one on a regular basis as his favourite past time. Optimization and accelerated recovery with cosmetic surgery is just another feature of manipulating the skin to make it do what we want it to do naturally and something I have been successfully doing for years.

My New Zealand representatives and researchers including Matt Clark, Natalie Kyle, Angela Ward and Trisha House have been training skin specialists and therapists in the same art of my initial and current Enzyme therapy to trigger the 'plasmatic effect' that optimizes skin and shows physiological results in the skin. As a skin scientist it is nothing new to me, but essential to those who desire results to create a world of difference, however we are not here to 'leech' but to 'rebuild and maintain' the beauty and optimal physiology of the human skin and body. 🌱

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**Botanical scientist
and cosmetic chemist
Dr. King**



Figure 1.



**Above: Figure 1. Before Enzyme Therapy.
Figure 2. After Enzyme Therapy.**



Figure 1.



Figure 2.

**Above: Figure 1. Before Enzyme Therapy.
Figure 2. After Enzyme Therapy.**