

article preview

Anti-aging and age prevention

Dr Danné Montague-King founder of the Danné paramedical skin revision systems is a very strong advocate for the expression "even if you're old you don't have to look it", and there is definitely no reason to look older than you are. Dr King has made it his life mission to create a system to delay and modify the aging process.

He doesn't work within the realms of traditional beauty treatments on the principles of temporary plumping up the surface appearance of the skin, making it appear like the wrinkles have disappeared for a few hours. He works with the skin as a system, looking at the physiology of the aging process. This is what led him to develop the 'A Lift' or Aesthetic lift. The ultimate non-invasive treatment program which aims to restore a youthful appearance, and a healthy skin that functions optimally, as well as provides long lasting results. Danné utilises a philosophy of science that he has practiced religiously for 40 years which is a system for revising skin back into a healthy state. His philosophy is REMOVE, REBUILD, PROTECT and MAINTAIN.

It is time to unlearn the traditional beauty therapy style facial and relearn an efficient system to effectively revise Aging. We must think structure, function, cause and effect. Everything that presents itself on the surface of the skin is directly related to the skins ability to function, which impacts on the structures.

Let's look at the physiology of Aging:

The saying "Beauty is only skin deep" may have more relevance than we realise. As we look at the aging process according to the deterioration of skin functioning.

Physiology of aging and weakening of the skin

As we get older oxygenation is poorer. Oxygen is carried by blood via micro circulation to the cell producing layers of the epidermis/dermis. Oxygenation provides nutrition to all cells as well as an exchange of gases and waste material, promoting healthy skin and efficient regeneration. Good oxygenation is essential for optimal skin functioning, strength and structural integrity.

Poor circulation and poor lymph drainage results in a loss of structural integrity, weakened fragile capillaries and decreased skin density. Good circulation and lymphatics are imperative for a healthy skin.

Lack of oxygen to the skin will result in lack of nutrients and an accumulation of waste. This will lead to an increase in the number of free radicals which will impair cellular replication through DNA damage.

Collagen production declines, dermal structures and systems that work in synergy deteriorate and wrinkles and fine lines form. Skin starts to sag due to loss of structural integrity and strength of the superficial facial supporting dermal structures and appendages. Reduction in strength and integrity of superficial fascia can also cause the restriction of capillary/lymphatic unit causing oxygenation loss and an increase in fragile weakened capillaries. A reduction of nutrients and oxygen will affect the fibroblasts ability to make or replace the gags, collagen and elastin.

A decline in enzymatic activity slows down cell division which in turn slows down cell renewal. Langerhan cells dendrite shortens which suppresses the skins immune system, increasing the inflammatory process. This increases the aging process in the tissue and weakens the skin. Poor oxygenation increases glycosylation and will result in excessive keratinisation due to slow cell turn over.

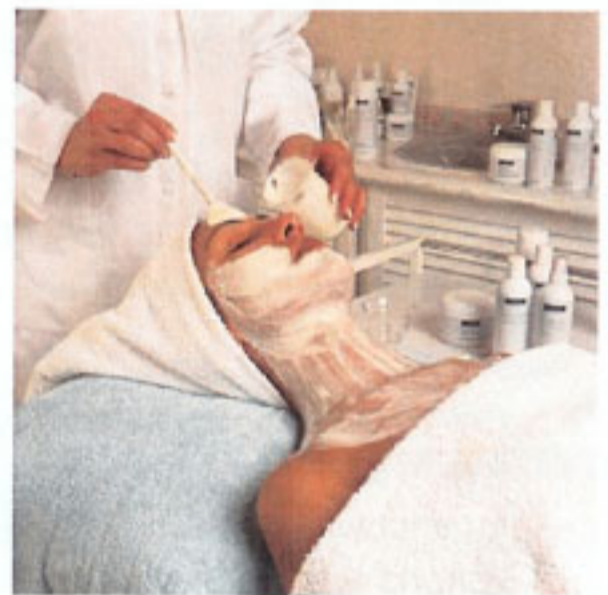
Solar keratosis and environmental impact becomes evident. **Age spots** - the remaining pigment cells (melanocytes) tend to increase in certain areas and cluster together, forming what's known as age or liver spots. Areas that have been exposed to the sun, such as the backs of the hands, are particularly prone to age spots. .

Now that we have a brief understanding of all of the physiological factors that contribute to aging we will look at how the Danné A- Lift works to fight against these and enhance the skins natural ability to function more effectively, revising the skin back into a healthy more youthful state.

A-Lift is a series of treatments where you have a professional treatment with a trained paramedical dermal technician once a week for 12weeks. The treatments are preformed with the Danné Muscle Banding technique utilising transfer messenger enzymes.

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A-lift treatment results



WHAT ARE TRANSFER MESSENGER ENZYMES AND HOW DO THEY WORK?

Enzymes are nature's biological catalysts. Skin therapy Enzymes act as organic catalysts in initiating or speeding up specific chemical reactions.

Research shows that specific Enzymes combine temporarily with a reacting molecule. Mutual contact and interaction of surrounding molecules is then no longer a matter of chance but a matter of certainty.

A special enzyme, transferase, can send messages across cell membranes. Using the nerve endings, sensory receptors and ganglia, the enzymes act as hormone-like messages to stimulate an immediate response to a dermal level.

The Danné Enzyme masques are specific in formulation. Their unique function is to remove dead protein, toxins and other effluvia from the epidermis using a process called *reverse osmosis*. Reverse osmosis forces fluids from inside the skin cells out through the cell wall membrane and into the matrix. This leaves a clean cell and a clear toxin-free matrix surrounding the cell. The action of

reverse - osmosis clears debris both in and around the cell, including toxins, oxidised waste and free radicals. It also stimulates RNA to influence new activity. RNA in the cell ensures certain messages are carried across the cell membrane, activating enzymes already present in the skin.

Specially formulated Enzymes increase circulation and create a lymph drainage action. This is felt by the client as a tightening and pulsating sensation of the Enzyme masque. This action promotes a rush of fresh new oxygenated blood from within the skin, due to dilated capillaries. Oxygen carries nutrients and O₂ Hemoglobin to the mitochondria of all cells. Oxygen aids in the removal of toxins, waste and other cellular debris. Lack of oxygen leads to malfunction of the mitochondria and to cell death. Oxygen CANNOT effectively be administered to the outside of the skin. Skin cells operate with Anaerobic NOT Aerobic metabolism

Poor circulation leads to weak, clogged or dilated capillaries - which are the conduits of oxygen to skin cells. Enzymatic treatments can dilate capillaries and help to deliver fresh nutrients to living cells. This is called "The Plasmatic Effect" as seen below.

