



Next Generation Aesthetics and Pain Management Solutions at Ocean Park Natural Therapies

By Dr. Timothy Brown, ND

About one year ago, I was browsing the suppliers section of our professional development courses when I came across an aesthetics company that was featuring a non-invasive delivery system for skin and beauty health. What caught my attention was that it created healthy skin and connective tissues using a proprietary system that opened the skin and nerve channels to deliver nutrients and nutraceuticals in a non-invasive and painless manner. The products were natural, 98% organic, and could be effectively delivered without needles into the skin of patients in a relatively short period of treatment time. This was amazing and better than anything I had come across previously – so I purchased a system and had my partner, Janise, trained in the usage – as she has a talent with her artistry to see and sculpt the natural beauty in a person's face and visage. Her background in the fashion industry also made her an ideal person to understand what a person was wanting and needing when it came to their looks and self-image. So she started doing healthy aesthetic treatments with selected clients.

The treatment system has worked well to enhance hydration and nutrient/medication uptake into the skin and connective tissues - with good results for moderate acne issues, aging skin, and rejuvenation of wrinkles, stretch marks etc.

Since much of my practice revolves around treating musculoskeletal injuries – with combination of chiropractic training as well as sports medicine naturopathic therapies such as neural therapy and prolotherapy injections – I have moderate success using ultrasound, frequency specific microcurrent, and high intensity laser in my practice but I am always searching for better outcomes for patients.

From my training and years of experience, I understand that:

- Pain management is in general a poorly understood phenomena to deal with in clinical practice. Having some understanding of pain mechanisms and viable treatment approaches is of importance in delivering positive patient outcomes.
- Much of the traditional approach to pain management focuses on giving medications that affect the entire body and nervous system – i.e. central nervous system management of pain. While these approaches are useful for acute pain management they are often found to be ineffective or undesirable with regards to side effects when used for more chronic pain conditions. Also, some patients are very sensitive and cannot tolerate these 'whole system chemical delivery' approaches.
- Conversely local topical anti-inflammatory and analgesic agents in creams and gels are now in vogue in order to enhance pain management without the side effects from an oral systemic approach.
- The problem as always is 'to deliver the appropriate medications and nutraceuticals to the areas where they are needed to resolve and/or heal the underlying problems contributing to the pain'. In terms of Naturopathic principles – **'Deliver the Right Medication, to the Right Area, for the Right Reason'**.
- Research from various countries and disciplines over the past decade has contributed to an emerging set of paradigms that yield a greater understanding of some of the complex mech-

anisms by which chronic pain conditions are perpetuated. ***This helps the development of the next generation of pain management solutions: a fusion of older principles with new understandings and applications.***

With these factors in mind – it was logical for me to consider the use of the Elapromed tm device with its ability to open the cell transportation through the dermal structures (electroporation) for aesthetic use could also enhance the uptake and delivery of nutraceuticals and medications into the areas needed to relieve pain conditions.

The technology, proprietarily known as *transdermalporation tm*, allows the *Elapromed tm* machine to function as a drug delivery system for products such as muscle pain tinctures and/or any aqueous homeopathic/naturopathic solutions. The *Elapromed tm* acts like an electronic syringe, "injecting" the solution into the tissue of the problem area to a maximum depth of 7 mm while avoiding or minimizing the need for more invasive procedures

The *Elapromed tm* system offers treatments and results without adding additional pain or inflammation. Depending on the condition and product being used, I have found that properly selected most patients will begin to experience significant relief during the first 1 or 2 treatments, with many of them reporting long term relief when a series of treatments have been administered.

This has been gratifying to myself and the patients as they are eager to get on with their living without the constant interference of pain and dysfunction holding them back.

