**NanoVi™: Cancer Prevention and Recovery Using Bio-Identical Signaling**

By Xavier A. Figueroa, Ph.D.*

Evaluation of NanoVi™ technology suggests that it can play a valuable role in preventing cancer, arresting its progression, and assisting with the recovery from cancer. Evidence supports four important advantages of using a NanoVi™ device to address cancer:

1. Up-regulate the immune system
2. Make the inflammatory process more effective
3. Improve mitochondrial efficiency
4. Reduce DNA damage

Photons (light particles) play an important part in signaling between cells to promote healing.¹ Multiple studies demonstrate that infrared (IR) and near infrared (NIR) accelerate wound healing in humans,²-³ alleviate pain from multiple conditions⁴-⁶ and improve mitochondrial oxidative activity.⁷-¹⁰ Furthermore, infrared and near infrared have a profound effect in reducing inflammation.¹¹-¹³ The NanoVi™ utilizes a unique delivery system for a specific NIR wavelength that is highly effective against inflammation.

Cancer prevention and cancer recovery does not happen in isolation. It is an interaction with the environment and the body. Chronic inflammation increases the risk¹⁴-¹⁷ and promotes the growth of cancerous cells.¹⁸-²² The activation of an inflammatory response increases the production of oxygen radicals that can promote damage to cells.²³-²⁵

Ideally, making the process of inflammation as effective as possible (promoting good inflammatory responses, limiting the bad inflammatory responses) is essential for proper health maintenance. Independent laboratories testing NanoVi™ demonstrate a potential protective effect against cancer and recovery enhancement post-cancer:

1. NanoVi™ protects against excessive DNA damage and promotes repair²⁶-²⁷
2. NanoVi™ improves mitochondrial efficiency and promotes immune system function²⁷

The known and tested effects strongly suggest the use of NanoVi™ may prevent cancer by up-regulating the immune system, reducing inflammation and improving mitochondrial function. These combinations work against known factors that promote cancer progression and are important in countering the potential for cancer development. As a form of post-cancer therapy recovery, the NanoVi™ is ideally situated. The published effects of IR/NIR on pain reduction⁴, ²⁸-³³ has been reported by NanoVi™ users. The measured effects of improved mitochondrial activity²⁷ may help recovering individuals gain their energy levels faster. Finally, the reduction of radiation-induced DNA damage associated with NanoVi™²⁶ has significant benefits for cancer recovery.

The NanoVi™ is a non-invasive and safe device that can be easily incorporated as part of a wellness strategy or post-cancer therapy recovery. The use of a bio-identical signaling system is a powerful tool that harnesses the healing potential of the body and can enhance the effects of other wellness and recovery programs.

* Xavier Figueroa earned his Ph.D. in Neurobiology from the University of Washington in 2003, then furthered his education at the UW with post-doctoral fellowships in Bioengineering. He is co-founder and President of the Brain Health & Healing Foundation and acts as a science advisor to biotech and medical device companies. Dr. Figueroa has published widely in the areas of neurobiology, bioengineering, evolutionary biology and clinical research involving hyperbaric medicine.
References: