

How does NanoVi™ technology work?

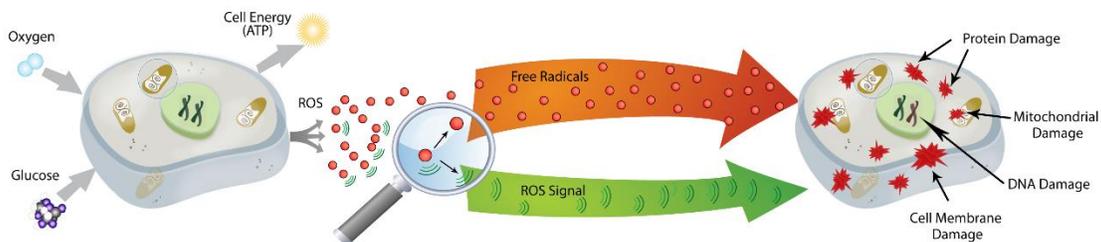
The NanoVi™ device augments a signal that is naturally generated by the body and is essential to cellular activity. You can refer to video section and select the 3D animation that explains how NanoVi's "bio-identical signal" assists the multi-step process of reinstalling protein functions that are essential to cellular activity.

Visualizing the difference NanoVi™ makes

Cell damage is natural, and is going to occur. NanoVi™ cannot prevent cell damage, but is designed to help cells after the damage has already occurred.

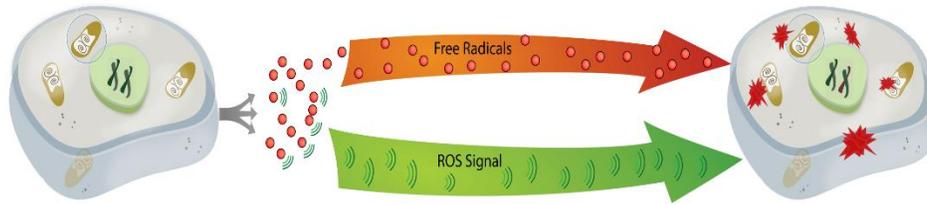
Here are three illustrations to explain how NanoVi™ helps repair cell damage and free radicals. In each scenario, the free radicals or "bad ROS" are illustrated in red. The "good ROS" signals are illustrated in green.

In the first scenario, we see free radicals in red (the "bad ROS") attacking a cell and causing cell damage to proteins, mitochondria, DNA, and the cell membrane. Also notice the green ROS signal, the body's natural way of triggering repair. Once these "good" ROS emit their signal, they join the ranks of the "bad" ROS.

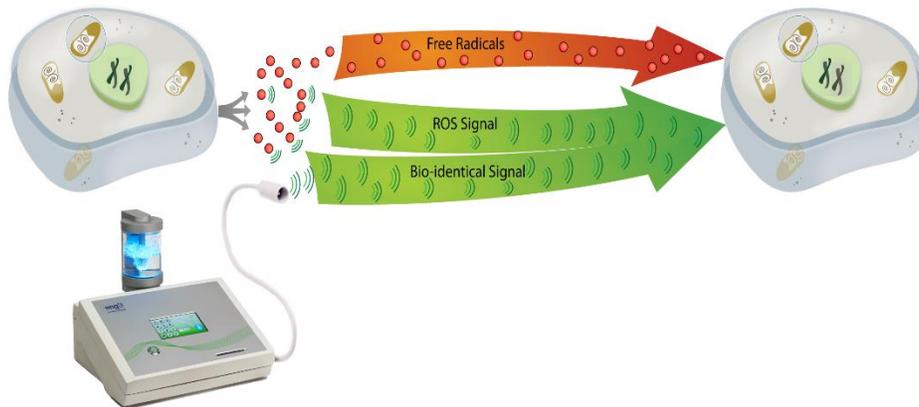


Here we show a great deal of free radical damage and assume little or no protection from supplementary antioxidants. This illustration shows no outside support for the body to recover from free radical damage.

In the second scenario, we show a better-looking, or healthier cell. Here we assume the person is taking some preventive measures, primarily by supplementing with antioxidants in foods. Still the “good ROS” signal for repair remains the same.



In the third scenario, we show the best-looking cell. This body is benefiting from antioxidants and, by adding the NanoVi™ signal, is augmenting the body’s natural ability to repair cell damage and free radicals.



NanoVi™ devices help you counteract the effects of bad reactive oxygen species by improving the good effects.

Watch a general explanation of how the NanoVi™ device augments the repair of oxidative stress damage (refer to the video section)

How does NanoVi™ make a signal that is bio-identical to what our bodies make?

The simple answer is that we create a specific electromagnetic wave that has precisely the same wavelength as the 'good' (excited) ROS produces in our cells. We were not the ones to figure out how important this wavelength is in initiating cellular repair. That work was done by cell biologists, specifically scientists studying REDOX signaling (reduction–oxidation).

Our innovation is to generate the precise and measurable signal inside the NanoVi™ device, without producing any ROS. The signal is transferred to humidity (absorbed) and the effect is delivered to you across humidified air. Avoiding the production of any kind of reactive oxygen species is a key aspect of NanoVi™ technology. University research verified that NanoVi™ technology produces precisely the correct signal.

How does NanoVi™ compare to oxygen and antioxidant therapies?

NanoVi™ is doing something different, and complementary, to these therapies. Refer to the comparison of these traditional products to our NanoVi™ device.

Knowing how NanoVi *works* is helpful but the fact that NanoVi *does* work is key. Learn why [personal users](#) and [athletes](#) value it and discover how it fits into [professional settings](#).