

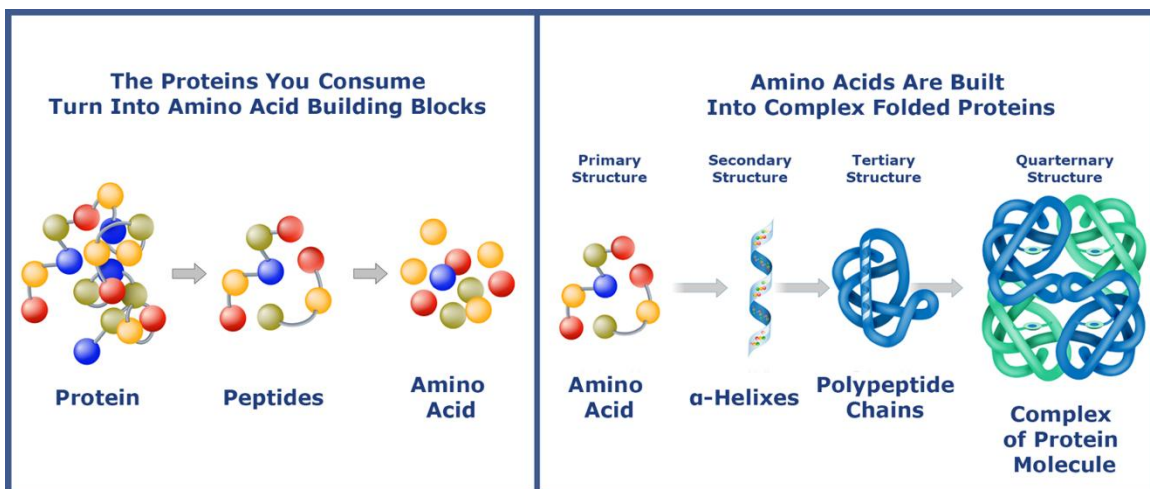
NanoVi® for Repair and Regeneration

Jumpstart your understanding of NanoVi and how it complements other technologies

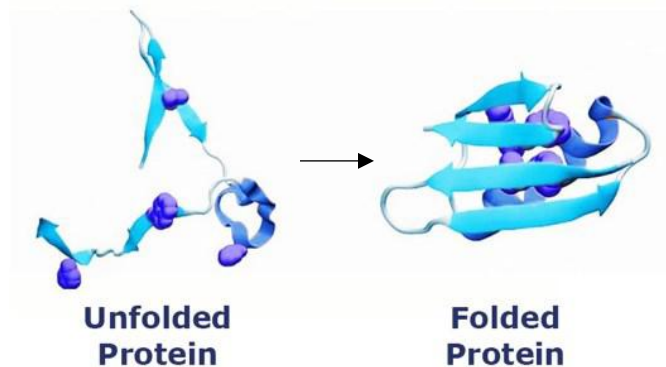


To set the stage

1. We hear a lot about DNA, with less discussion of why it exists. The only job of DNA is to provide a blueprint for proteins. Proteins make up most of the structure of the body and do almost all the work as well.
2. No doubt you already know some common types of proteins, like antigens, enzymes, or hormones. And some proteins are also well known, say collagen, hemoglobin, or the hormone insulin.
3. By some estimates, we have close to a million different proteins in our bodies and there are thousands (possibly tens of thousands) in each cell. Only a small percentage of all proteins have even been identified.
4. Most of us pay attention to the protein we consume. Below is walk-through of how this protein relates to the proteins that do all the work in your body:



Protein folding is where NanoVi® comes in



1. Notice that, at the end of the day, proteins must fold into complex 3D structures before they can perform their functions in the body. Improving protein folding is the point of Eng3's technology. What makes us unique is that we have created scientifically validated technology specifically designed to promote cellular activities and improve protein functions by repairing and protecting protein structures. Our approach is to influence the water surrounding all proteins.
2. The fastest way to wrap your head around how NanoVi repairs and protects proteins is by watching Eng3's three-minute 3D video on how the technology works: <http://eng3corp.com/how-does-nanovi-work/>
3. It is worth noting that proteins are both targets of cellular damage and do the work to repair it. This interplay amplifies both upward and downward spirals in cellular activities.
4. There is an ongoing need to protect and repair proteins because cells—and the proteins they contain—are constantly being damaged by oxidative stress. Oxidative stress results from burning oxygen as you breathe and other stressors, and it's unavoidable. On top of the "everyday" cellular damage, damage caused by oxidative stress happens on a more profound level if you overexert yourself or if you suffer from a chronic disease...and it happens to everyone as they age.

General areas of NanoVi® use:

1. Recover from mental or physical exertion, or chronic illness.
2. Promote wellness and healthy aging.
3. Enhance physical and mental performance.

Some data points:

- **45%** increase in restored function of oxidized proteins – compared to the damaged control or treatments with a sham device
- **32%** increase in restored function of heat damaged proteins – compared to the damaged control or treatments with a sham device
- **28%** increase in restored function of chemically damaged proteins – compared to the damaged control or treatments with a sham device
- Improved protein (catalase) activity indicated by an **18%** reduction in hydrogen peroxide after deactivation by heat – compared to the damaged control or treatments with a sham device
- **17%** reduction in Lactate (NanoVi half-session before all-out exertion test—double blind placebo controlled)
- **10%–17%** improvement in inflammatory markers (NanoVi half-session before and half-session after all-out exertion test—double blind placebo controlled)
- **14%** reduction in oxidative stress markers (after one NanoVi session)

- **25%** reduction in double-strand DNA breaks (crossover study, week-long training regime with or without NanoVi)
- **15%** improvement in heart rate variability (HRV) measured on elite athletes after exertion

People often ask:

What does NanoVi do? NanoVi is designed as an easy way to influence protein folding and function. Our approach uses the special properties of ordered water (also called exclusion zone or EZ water), which surrounds all proteins and is known to influence protein folding.

How does it do it? Water droplets in a humidified airstream are exposed to specific signals as they pass through excitation units inside the NanoVi device. You inhale the enhanced humidity either from a touch-free delivery system or via a nasal cannula. This humidity must contact the mucus membrane in your nose, mouth, or lungs to initiate change in the cellular water.

Why can't I just drink ordered water? Ordered water cannot be stored in “bulk water”—the fancy term for water when it's in a glass or bottle. An ongoing excitation of humidity by NanoVi devices is required to create the necessary ordered water.

Is NanoVi better before or after I overdo it? It depends, most people do their NanoVi sessions after physical or mental exertion to expedite recovery. Numerous studies confirm that doing it after makes a big difference. However, there is solid evidence to suggest NanoVi is both protective and regenerative. Research on damaged proteins showed that it depends on the type of damage, and the type of protein studied. A different study of in vitro cells showed less double-strand DNA damage regardless of whether the NanoVi session was before or after cells were intentionally damaged by researchers. If you can, do it before *and* after.

How can NanoVi help with *everything*? All proteins are surrounded by water, so influencing that water makes it possible to assist *any* protein, regardless of its function. Since proteins do all the work in the body, improving their function could help absolutely anything in your body (whether it is noticeable or not).

What will I notice? It depends on your health status, how tuned in you are, and your stress level (physical or mental). The more attuned you are to your body, the less optimal your health, or the more stressed you are, the more you are likely to notice the difference. Most people recognize better sleep the morning after using NanoVi. Some improvements may be almost immediate (like mental clarity or a buzz, more energy, or feeling less stressed) other things can take more time (such as vision, healthier skin, easier fat loss, or changes to a chronic condition). Improvement in recovery is easy to notice for high-performance athletes.

How NanoVi® is used to upgrade other approaches



Training equipment: NanoVi could be used at the same time as stationary cardio equipment; however, it may be easier to use it either before or after. Using NanoVi before exercise will help you feel stronger and therefore perform better. Using it after can help you recover more quickly; if possible, do both. Note the hormetic effect below.

Concentrated oxygen, hyperbaric oxygen therapy (HBOT), exercise with oxygen (EWOT): It is not possible to increase oxygen in the system without increasing oxidative damage. NanoVi helps repair oxidative damage, so it is a perfect add-on to oxygen therapies. With EWOT, clients get a kick of oxygen and are also physically stressed. Pairing with NanoVi to reduce oxidative damage and accelerate recovery makes perfect sense.

HRV and Relaxation: NanoVi helps accelerate the shift in a client's autonomic nervous system (ANS). This is easy to show with HRV. It is great to use NanoVi before sessions designed for calming, like bodywork or a float tank. Balancing the autonomic nervous system is what de-stressing is all about.

Cryotherapy: Cryo initiates cold shock proteins and some heat shock proteins. Following up with a NanoVi session helps optimize protein activity. Leading cryo centers combine the two with outstanding results.

Pulsed electromagnetic field (PEMF) and red-light therapy: These approaches rely on red and near infrared (NIR), which are different parts of the electromagnetic spectrum than NanoVi. Red lights and PEMF work from the outside in, penetrating to a certain depth where tissue is exposed. NanoVi influences water vapor (which is then inhaled) and works systemically, from the inside out. Together they are a powerful combination that produce significantly better outcomes. A center owner describes his evaluation of PEMF and NanoVi below:

"I closely observed 2 groups of 15 clients each. Both groups committed to 1 treatment per week for one year. Group one did just the PEMF therapy. Group two combined PEMF therapy with NanoVi... NanoVi in combination with PEMF therapy yields definitely a higher HRV throughout all sessions."

Brain training: Use the NanoVi before or during a session. Helping to physiologically improve the autonomic nervous system is the best way to maximize the benefits of brain training. NanoVi is used in conjunction with neurofeedback because the results are far better. A participant at 40 Years of Zen described incorporating NanoVi:

"The results were mind-blowing: one trainee broke multiple records for Gamma wave activity, including amplitude, synchrony, and more."

Detoxification: Detoxification challenges the body so following with a NanoVi session is ideal. This helps with cell energy production and cellular repair. Both are key to supporting the detox process, especially for people with loads of toxins in their system. For these users, it is best to start with short sessions and build up the time.

Stem cells: NanoVi is used in stem cell protocols because a better cellular environment leads to more viable cells. From a stem cell doctor:

"I have probably done over 300 stem cell procedures with the NanoVi and another 500+ without, and the difference is profound. I have seen this especially in the time it takes to observe a therapeutic response. NanoVi treated patients respond much faster."

Hormetic effect: Serious athletes may be looking for hormesis. They overstress the body so it "ups its game". In this case, you don't want to initiate recovery with NanoVi right away. This counteracts hormesis. It is best to do the NanoVi device *before* the exertion/stressor or wait three or more hours after you have overstressed. This is the best of both worlds. You'll achieve hormetic upregulation *and* bounce back faster.

Supercompensation: Athletes using NanoVi can shorten the recovery phase of supercompensation are able to shorten training cycles. They build strength and ability more rapidly when they can increase the number of training sessions in any given time period.

These statements have not been evaluated by the FDA. This product is not intended to diagnose, treat, cure or prevent any disease.
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Learn how NanoVi works



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