



## Toronto Functional Medicine Centre Explains How to Boost NAD with IV Therapy

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Toronto Functional Medicine Centre in Toronto, ON, Canada, has recently published a blog post that explains how to boost NAD with IV therapy. Nicotinamide adenine dinucleotide (NAD) can be taken for various health goals. NAD is a coenzyme that helps with energy production and cell vitality, and also for avoiding DNA damage. It is also being used as an anti-aging coenzyme because it may help in delaying age-linked diseases.

Unfortunately, NAD levels in the body naturally decline with age, which can have undesirable effects, including changes in biological processes and brain function, such as poor mental performance, problems with mental clarity and cognitive function, oxidative stress, skin wrinkles, cellular damage, and more. People who have daily issues, such as memory loss, muscle development, chronic fatigue, metabolic processes, and more might need NAD supplementation. Supplementing with NAD may offer various benefits, such as healthy ageing, particularly for tissue repair, long-term mental health, and mitochondrial function.

There are a number of oral supplements or oral precursors, which convert into NAD when absorbed, that can boost a person's NAD levels. One is nicotinamide riboside (NR), which is a kind of vitamin B3 that may help in avoiding mitochondrial dysfunction. Another possible oral supplement is nicotinamide mononucleotide (NMN), which is a kind of nucleotide that may increase NAD levels in the blood. Another potential supplement is niacinamide, which is also a type of vitamin B3, which was observed to increase NAD levels in the blood 12 hours after it was orally ingested. Resveratrol, which is a polyphenol that was found to affect several signalling pathway effectors involved in cell survival, synaptic plasticity, and programmed cell death. Lastly, apigen is a flavonoid that has been observed to foster sedation and for having neuroprotective and anti-inflammatory characteristics, and cells treated with apigen may boost intracellular NAD<sup>+</sup> levels.

Intravenous (IV) therapy is another alternative for increasing NAD levels, especially for people suffering from malabsorption. IV therapy allows the nutrients to be administered directly into the bloodstream, thus bypassing the digestive system. This is because an IV tube is inserted into the vein of the patient, the nutrient flows directly into the bloodstream, which allows for 100 percent absorption unlike when the nutrient formula is filtered by the digestive tract. IV therapy is also appropriate for people struggling with malabsorption. Since digestion is not involved, the IV drips will decrease the chances of the patient experiencing side effects, such as nausea.

It is important to note that the Toronto Functional Medicine Centre provides functional medicine therapies that focus on the root cause of health problems. They combine treatment modalities using the functional medicine approach. At present, they offer IV therapy, acupuncture, naturopathic medicine, bioidentical hormone therapy, and more. At the medical centre's IV Lounge, they compound the primary components of their IV drip therapy treatments to offer a personalized approach to health care. Their IV vitamin therapy menu includes NAD, folic acid, vitamin A, a combination of amino acids (protein building blocks), glutamic acid (L-glutamic acid), vitamin C, vitamin E, the powerful antioxidant glutathione, N-Acetylcysteine, and other essential nutrients. The sessions are supervised by a medical doctor, nurse practitioner, or naturopathic doctor.

The Toronto Functional Medicine Centre in Toronto, Ontario, Canada applies an integrative functional medicine strategy that can be used for different kinds of health issues, including: acute health issues, neuropathic pain, postmenopausal health issues, hormone imbalances, tissue repair, athletic recovery, cellular damage, DNA repair, thyroid issues, chronic fatigue, mineral deficiencies, immune function, adrenal function, skin rejuvenation, and more.

Those who would like to get more information about NAD IV therapy, including how to manage low levels of NAD through oral supplement or through intravenous (IV) therapy, can check out the Toronto Functional

Medicine Centre website or contact them on the telephone at (416) 968-6961, or by email at [info@tfm.care](mailto:info@tfm.care). They are open from 9:00 am to 6:00 pm on Mondays and Wednesdays; from 10:00 am to 5:00 pm on Tuesday and Thursdays; from 9:00 am to 5:00 pm on Fridays; and from 9:00 am to 4:00 pm on alternating Saturdays.

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For more information about Toronto Functional Medicine Centre, contact the company here: Toronto Functional Medicine Centre Heather Claus (416) 968-6961 [info@tfm.care](mailto:info@tfm.care) Toronto Functional Medicine Centre 55 Avenue Rd 204 A Toronto, ON M5R 3L2

## **Toronto Functional Medicine Centre**

*Our team of dedicated health and wellness practitioners have a passion for integrative functional and naturopathic medicine healing. We strive to help each patient shift towards balanced, wholesome wellness.*

Website: <https://torontofunctionalmedicine.com/>

Email: [info@tfm.care](mailto:info@tfm.care)

Phone: (416) 968-6961

