



## **Toronto Functional Medicine Centre is Offering Selenium IV Therapy in Toronto at Its IV Lounge**

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Toronto Functional Medicine Centre is offering patients the potential health benefits of Selenium IV therapy in Toronto at its IV lounge.

Selenium is a mineral that acts as a powerful antioxidant and provides adjunct support for cellular functioning. Selenium also plays an important role in supporting the immune system and guarding against oxidative stress. Patients, for whom poor cellular health is identified as the cause behind their symptoms, may be able to use selenium to support their recovery, in conjunction with other strategies such as diet and lifestyle modifications.

Research from the Harvard T.H. Chan School of Public Health summarizes the possible benefits of selenium by saying, "Selenium is a component of selenoproteins and enzymes. These have antioxidant properties that help to break down peroxides, which can damage tissues and DNA, leading to inflammation and other health problems."

Selenium also works in synergy with iodine, the key element of the thyroid hormone. Selenium is required to alter the thyroid hormone so that it can be converted into a format that is usable by the rest of the body. According to Toronto Functional Medicine Centre, unbalanced concentrations of selenium or iodine in the body may hinder the proper functioning of the thyroid hormones and thus affect overall wellness.

The contribution that selenium may have to improve thyroid health, especially for those who suffer from an autoimmune disease, is backed up by a study published in the International Journal of Endocrinology. The Journal reports, "Selenium supplementation of patients with autoimmune thyroiditis is associated with a reduction in antithyroperoxidase antibody levels, improved thyroid ultrasound features, and improved quality of life."

While having a selenium deficiency is rare among those living in North America, it can still affect some who are struggling with malabsorption, eat primarily a plant-based diet, have kidney failure, HIV/AIDS, cardiomyopathy, or Kashin-Beck disease. In such cases, patients may find relief with Toronto Functional Medicine Centre's tailored IV therapy drips that are used as adjunct support for acute and chronic illness issues, such as those linked to immune function, declining brain function, thyroid health, and more.

There are other ways too in which selenium may prove beneficial for specific conditions. For example, one study of asthmatic patients and healthy participants measured the amount of minerals, zinc, copper, and selenium, in the two groups. The study found that unbalanced amounts of these minerals heightened oxidative stress and inflammation and weakened lung function in asthmatic subjects. So, selenium may aid in managing mild-to-moderate asthma.

Selenium may also help lessen the side effects of radiation therapy. One study published in the International Journal of Radiation Oncology, Biology, Physics, found that "Selenium supplementation during RT is effective in improving blood selenium status in selenium-deficient cervical and uterine cancer patients and reduces the number of episodes and severity of RT-induced diarrhea."

It has also been theorized that selenium may protect the body against heart disease by boosting its glutathione levels, another powerful antioxidant with anti-inflammatory components. Since the body requires glutathione for cellular function and for detoxifying purposes, such as removing oxidative stress, by offering preventative oxidative stress measures and increasing glutathione levels, selenium could help lower the risk for heart disease.

At Toronto Functional Medicine Centre's IV Lounge, the drip treatments offered are a combination of several beneficial ingredients such as vitamin C, vitamin A, glutamic acid, folic acid, amino acid building blocks, major antioxidants, and more. The IV treatments are compounded in-house, daily with fresh ingredients without

added preservatives. Every patient is given personalized attention to understand their medical history, genetics, lifestyle, environmental factors, and the results from their lab tests. The results of the diagnostic session, along with the patient's input about their health goals and most pertinent health concerns, are considered for customizing their treatment plan.

Readers can contact the IV Therapy Toronto lounge at (416) 968-6961 for further inquiries about the possible health benefits of selenium and to set up an appointment. In a previous article, the clinic also discussed the link between pesticides and male infertility, and how IV therapy may be used as an adjunct support therapy. They are open from 9:00 am to 6:00 pm on Mondays, Wednesdays, and Fridays; from 10:00 am to 5:00 pm on Tuesday and Thursdays; 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 Christina Ramos (416) 968-6961 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.*

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