



Toronto Functional Medicine Centre Is Offering IV Therapy in Toronto with Copper

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Toronto Functional Medicine Centre, a functional medicine clinic offering customized IV therapies, is educating readers about how copper contributes to the body's overall health. The clinic invites you to learn more about the health benefits of its IV therapy in Toronto with copper and to sign up for an appointment at its IV lounge.

In a recently published blog post titled "13 Facts About Copper Supplements and IV Therapy from Our Toronto Clinic," the Toronto Functional Medicine Centre lists several facts about the mineral. It begins by stating that though copper is a trace element in the body, it is required for a healthy immune system and nerve cells. The other ways in which copper is used in the body include making energy, forming connective tissues and blood vessels, supporting brain development and the body's nervous system, and stimulating genes.

Copper is a cofactor for superoxide dismutase, an antioxidant enzyme that attacks free radicals that can

cause cellular damage. It is also one of the building blocks of cuproenzymes, enzymes that play an important role in the body's cellular energy, tissue repair and formation, chemical reactions in the central nervous system, and metabolizing iron. Copper is necessary for forming collagen and melanin, partnering with iron to promote red blood cell production, and the synthesis of ATP (Adenosine Triphosphate), a crucial molecule that is used to carry and store energy within the body's cells.

The blog post also quotes an article from *Frontiers in Aging Neuroscience* that says copper may be a contributing aid for coping with Alzheimer's, a neurodegenerative disease. The article says, "The involvement of copper in [Alzheimer's Disease] is controversial, as some studies show a copper deficiency in [Alzheimer's Disease], and consequently a need to enhance copper levels, while other data points to copper overload and therefore a need to reduce copper levels."

The Toronto Functional Medicine Centre blog post then discusses how the deficiency of copper affects the body. The most frequent manifestations of copper deficiency are anemia, neutropenia, and bone abnormalities, as stated in an article from the *American Journal of Clinical Nutrition*. Other signs of copper deficiency may include premature aging related to hair pigmentation, pale skin tone, low count of white blood cells, and osteoporosis.

The blog post then highlights the research that suggests groups at risk of copper deficiency should try to restore the low serum levels of the mineral in the body. It quotes an article from *Clinical Cases in Mineral and Bone Metabolism* which studied post-menopausal women and advised, "Due to the mineral deficiency in post-menopausal women with low bone density and the key role of minerals on bone health, supplementation with magnesium, calcium, zinc and perhaps copper [is] recommended."

Finally, Toronto Functional Medicine Centre offers tips on the foods and supplements that one should include in their diet to address copper deficiency. The clinic's recommended dietary sources include organ meats, wheat bran, whole grain products, nuts, seeds, and crab meat whereas its supplement suggestions include multivitamins, multi-minerals, cupric sulfate, copper amino acid chelates, cupric oxide, and copper gluconate.

Toronto residents suffering from a copper deficiency are invited to visit the IV Lounge at the Toronto Functional Medicine Centre to learn more about copper oral supplementation and IV treatments. Since IV therapy inserts the solution directly into the bloodstream, it provides immediate and complete absorption of nutrients. The IV Lounge's infusions can be tailored for each patient's condition by selecting from a wide array of ingredients such as high-dose vitamin C, glutamic acid, amino acid building blocks, vitamin E, major antioxidants, nicotinamide adenine dinucleotide (NAD), folic acid, and more.

Readers are also welcome to find out more about the clinic's other IV treatments, such as its Vitamin C IV therapy in Toronto. The Toronto Functional Medicine Centre uses a combination of acupuncture, integrative functional medicine, IV therapy, allopathic medicine, naturopathic medicine, detoxification, and bio-identical hormone treatments to address a wide range of concerns including adrenal fatigue, brain health, chronic conditions, detoxification, digestive health, food allergies or intolerance, hormone imbalances, infertility, immunity, inflammation, menopause, mold toxicity, nutritional deficiencies, thyroid malfunction, and others. Feel free to contact them on the phone (416) 968-6961 or through email info@tfm.care.

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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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