

Toronto Functional Medicine Centre Uncovers Link on Pesticides & Male Infertility

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Toronto Functional Medicine Centre in Toronto, ON, Canada, has recently published an article that uncovers link on pesticides & male infertility. In a previous blog post, they have discussed the connection between exposure to heavy metals and male infertility and the use of oral and IV therapy chelation therapy to help remove these toxins from the body. In the current article, they discuss how pesticides and herbicides may lead to male infertility.

Pesticides are typically spread around gardens, public spaces, and other outdoor spaces as a way to get rid of unwanted pests. Herbicides are also used in gardens and other places where plants grow in order to kill weeds and other unwanted vegetation. Unfortunately, people getting in contact with these environmental toxins through the soil, water, and air is quite common and they may even be ingested through fruits and vegetables.

Pesticides may cause infertility because they are endocrine disruptors, which means they can interfere with

hormones, including those that have to do with reproductive function. These chemicals can also negatively affect male fertility through the prevention of spermatogenesis, reduction of sperm motility and density, decrease in sperm counts, reduction of the weight of the testis, increase in abnormal sperm morphology, and sperm DNA damage.

According to a study reported in the Journal of Toxicology, the excessive quantities of reactive oxygen species (ROS) from pesticides may affect male fertility. This is because oxidative stress may damage DNA bases and phosphodiester backbones. These are very susceptible to oxidative stress because their plasma membranes have large amounts of polyunsaturated fatty acids and their cytoplasm has low quantities of scavenging enzymes.

According to research published in The Harvard Gazette, men who ate fruits and vegetables that contained higher levels of pesticide residues were found to have lower percentages and lower sperm counts compared to those who ate fruits and vegetables with low levels of pesticide residues.

At the Toronto Functional Medicine Centre, they can provide intravenous drips that are customized for an individual?s main health concerns, such as men?s health-related adjunctive antioxidant support. They administer IV nutrient therapy, which is tailored to the person?s specific needs using the integrative functional medicine approach, in their IV Lounge.

IV therapy is part of their integrative approach to attaining optimal health for a particular person. They provide a personalized service where they can provide specific doses of key vitamins, including vitamin C, a combination of amino acids, major antioxidants (i.e. glutamic acid) and other essential nutrients. These IV vitamin drips may help in enhancing blood cell production and cellular functioning. Studies have also revealed that antioxidant-rich nutrients may have positive effects on conception. Thus, when combined with lifestyle adjustments and oral supplementation, IV therapies may boost male fertility by nourishing detoxification pathways.

They apply the integrative functional medicine model in customizing the IV drips and they tailor the vitamin IV therapy as adjunctive support for conditions that are related to infertility, chronic fatigue syndrome, brain function, immune function, cellular damage, acute illness, mineral deficiencies, skin elasticity, blood pressure/blood sugar levels, chronic inflammation, and more.

The Toronto Functional Medicine Centre is a functional medicine clinic in Toronto, Ontario, Canada, that utilizes the integrative functional medicine approach. This combines the methods of acupuncture, restorative medicine, IV therapy, allopathic medicine, naturopathic medicine, detoxification, and bio-identical hormone treatments. They may be used for various health conditions, such as: neuropathic pain, postmenopausal health issues, acute health issues, tissue repair, athletic recovery, hormone imbalances, DNA repair, fertility

support, cellular damage, chronic fatigue, mineral deficiencies, thyroid issues, adrenal function, skin rejuvenation, immune function, and more.

Those who would like to know more about IV therapy in Toronto for general health upgrade, including the role of IV therapy in supporting male fertility, can visit the Toronto Functional Medicine Centre website or contact them through the phone at (416) 968-6961 or via email at info@tfm.care. 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 CentreHeather Claus(416) 968-6961info@tfm.careToronto Functional Medicine Centre55 Avenue Rd 204 AToronto, 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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