

ENVIRONMENTAL DISEASE AND TREATMENTS

ENVIRONMENTAL TOXINS

"Mercury is one of the most toxic substances in nature. A fraction of a teaspoon is enough to contaminate a 20-acre lake." (Durham Herald, December 10, 2000)

"A national study indicated average concentrations of mercury in rainfall in North and South Carolina were at least twice as high as the Environmental Protection Agency says is safe in surface waters." (The News & Observer and Charlotte Observer, June 30, 2003)

Ground water and soil samples showed elevated levels of metals including cadmium, chromium, copper, nickel, tin and zinc at the Blue Ridge Plating site. (Asheville Citizen-Times, February 5, 2003)

"Both Carolinas have widespread advisories against eating fish with high levels of mercury." (Raleigh News & Observer Editorial, May 2003)

ENVIRONMENTAL TOXINS AND DISEASE

Mercury level was directly associated with the risk of myocardial infarction, heart patients had a 15% higher level than the control group. (New England Journal of Medicine, November 28, 2002)

Some "fish contain high levels of mercury, a pollutant that can cause serious and irreversible damage to the brains and nervous systems of developing fetuses or young children." (The News & Observer, April 24, 2003)

The California Medical Association encourages physicians to educate their patients on the dangers of mercury in food, particularly some fish. (San Francisco Chronicle, April 2, 2004)

Mercury levels have been found to be 28% higher in the frontal lobe region of Alzheimer brain samples than in controls. (NeuroToxicology, 18(2): 315-324, 1997)

The incidence of autism goes up linearly with the increased mercury exposure from thimerosal containing vaccines. (The Journal of the American Physicians and Surgeons, 2003, vol. 8, p6-11)

Methyl mercury is believed to inhibit those processes in the brain specially involved in development and growth such as neuronal cell division and migration. (Environmental Health Perspectives, Vol. 100. pp 31-38, 1992)

A research team at Upsala University in Sweden found a link between Epstein-Barr and mercury. There is an abnormal presence of mercury in blood cells. Epstein-Barr virus has been linked to two forms of cancer. (Modern Health Magazine originally reported at the International Congress for Infectious Diseases. April 17-21, 1988)

INTEGRATIVE MEDICINE TREATMENTS FOR ENVIRONMENTAL TOXINS

“Chelation therapy seems to slow the progression of renal insufficiency in patient with mildly elevated body lead burden. This implies that long-term exposure to low level of environmental lead may be associated with impaired renal function in patients with chronic renal disease.” (American College of Physicians-American Society of Internal Medicine, 1999; 130:7-14)

Metal detoxification appears to improve autism in children. (Charlotte Observer “A Word from Drew” April 22, 2003)

The National Institutes of Health found enough evidence that chelation (metal detoxification) works for coronary artery disease to justify funding a \$30 million comprehensive study.

Mercury poisoning manifested with lesions on the skin. Chelation therapy cleared the lesions. (Annals of Internal Medicine, July 1, 2003. Volume 139 No. 1 pg. 78-80)

The chelating agent DMPS (2,3-Dimercaptopropane-1-sulfonate, Dimaval) is found to decrease the body burden of mercury in humans exposed to mercurous chloride. (Journal of Pharmacology and Experimental Therapeutics, Vol. 287. No 1)

Chelation was effective in two patients with heavy metal intoxication resulting from industrial exposure. (Journal of the American Medical Association, December 12, 1986)

Chelation treatment of patients with chronic renal insufficiency improved renal function. It delayed the need for dialysis therapy an estimated three years. The per-patient savings is about \$57,000. (New England Journal of Medicine, January 23, 2003)

“The central nervous system and kidneys are key targets of mercury toxicity. Chelation therapy has been used successfully in treating patients. (American Family Physician, December 1992)

Patients that died of congestive heart failure had up to 22,000 times the normal the level of mercury in the heart found on biopsy. (Journal of the American College of Cardiology, Vol. 33, No 6, 1999)

Low-level lead toxicity is associated with hypertension in women. When lead is removed, the hypertension resolves. The only FDA approved treatment for lead toxicity is EDTA IV infusion, also known as Chelation Therapy (Journal of American Medical Association, March 26, 2003)

Vitamin B-12 deficiency affects about 25% of the US populations and is more common in the elderly and can cause neuropsychiatric complications. Persons most prone to Vitamin B-12 deficiencies suffer from a variety of diseases including autoimmune disease, chronic pancreatitis, Crohn’s disease, gastritis, thyroid disease, anemia, and multiple sclerosis. (T.S. Dharmarajan, MD, Edward Norkus, PhD, Postgraduate Medicine Vol. 110 No 1, July 2001)

The right amount of Vitamin B-12 can protect against dementia, Alzheimer disease, boost immune function, maintain nerves, and regenerate cells. (Life Extension, December 2000)

Since the amount of time devoted to nutrition in medical school is generally two hours, many physicians are unaware of the value of treatments used by integrative medicine. (Medical Tribune, October 1999 Volume 40 No. 17)