

Immunity

Preliminary research reveals that chiropractic patients seeking long term wellness care receive improved immune system function that does not diminish with age. Measuring 107 individuals who had received long term chiropractic care, these individuals were all found to have 200 percent greater immune competence than people who had not received chiropractic care and 400 percent greater immune competence than people with cancer or other serious diseases. Source: Dr. Ronald Pero, Ph.D., Chief of Cancer Prevention Research; New York's Preventive Medical Institute.

Studies on Effects of Spinal Manipulation on the Immune Response

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The immune and endocrine systems are integrated through mutual communication mediated by endogenous mediators such as cytokines and neuroendocrine peptides. Scientific evidence also shows that activation of the autonomic nervous system may lead to alteration in various physiological responses including the immune and inflammatory responses.

Published evidence in the chiropractic literature suggests that spinal manipulative treatment (SMT) may affect the immune system. In the present study, the effect(s) of a single SMT on various aspects of the immune response is being investigated. To: 1) determine whether a single chiropractic treatment induces alterations in the T-cell-mediated humoral (B cell) response, 2) establish if spinal manipulation affects the production of soluble mediators (cytokines) of the immune and inflammatory responses.

The Effects of Specific Upper Cervical Adjustments On the CD4 Counts of HIV Positive Patients

Selano JL, Hightower BC, Pflieger B et al: The effects of specific upper cervical adjustments on the CD4 counts of HIV positive patients. Chiropractic Research Journal 1994; 3(1):32

Over the 6 month period of the study, the control group experienced a 7.96% decrease in CD4 counts, while the adjusted group experienced a 48% increase in CD4 cell counts over the same period.

(The CD4 cells are white blood cells that play an important role in your body's immune response. HIV targets CD4 cells more than any other kind of cell in the body.)