

Metal chelation therapy in rheumatoid arthritis: A case report: Successful management of rheumatoid arthritis by metal chelation therapy

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Abstract

Toxic metals are involved in the pathogenesis of some neurodegenerative and vascular diseases and are known to impair the immune system functions. We report here the case of a patient affected by heavy metal intoxication, who had developed an autoimmune disease. There was evidence of aluminium, cadmium and lead intoxication in a 63-year old Italian woman affected by rheumatoid arthritis (RA). We treated the patient with calcium disodium edetate (EDTA) once a week for a year in order to remove traces of heavy metal intoxication. Oxidative status profile was carried out at the beginning and after 6 months' EDTA chelation. At the end of the treatment, the patient did not show any signs of metal intoxication, RA symptoms and oxidative status improved.

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