

Summary

Multiple sclerosis treatment

Multiple sclerosis is an autoimmune inflammatory and neurodegenerative disease that affects central nervous system and continuously worsen physical and cognitive abilities of the patients. The causal therapy has not been found yet; the disease could be influenced by immunomodulation, immunosuppression and cytostatic treatment. In the first phase of the disease mainly the inflammatory processes are present. The manifestation of these is the attack of increased neurological deficits. The attack of multiple sclerosis is usually treated by the intravenous infusion of high-dose methylprednisolone. This type of treatment is expensive and unpleasant for the patient. That is the reason why the use of oral treatment by high-dose methylprednisolone in the same scheme of application has started in some centres. The aim of this paper is to prove if the effect of oral therapy is the same as of the intravenous one. According to the papers studied the therapy is equally effective as the intravenous one, however more studies are needed to prove the effect reliably.