



Anti-Hypocretin autoantibodies (anti-hcrt)

Indications

► Academic issues, at the moment there do not exist medical indications.

Prevalence

Autoantibodies reacting with hypocretin (Hcrt) were demonstrated by means of radio-immunoprecipitation in 3 of 181 patients suffering from narcolepsy and cataplexy. No antibodies were detected in 91 healthy control subjects.

Literature

Tanaka S, Honda Y, Inoue Y, Honda M: Detection of autoantibodies against hypocretin, hcrt1, and hcrt2 in narcolepsy: anti-Hcrt system antibody in narcolepsy. *Sleep* (2006); 29(5): 633 - 638 (PMID: [16774153](#)).

Black JL 3rd, Silber MH, Krahn LE, Fredrickson PA, Pankratz VS, Avula R, Walker DL, Slocumb NL: Analysis of hypocretin (orexin) antibodies in patients with narcolepsy. *Sleep* (2005c); 28(4): 427 - 431 (PMID: [16171287](#)).