We report five male patients, aged 35 to 63 years who suffered from paretic neurosyphilis. The clinical course was that of a subacute dementia with a frontal syndrome, with more apathy than euphoria. All were HIV negative and four were heterosexual. In all, the cerebrospinal fluid had a mononuclear pleocytosis and a positive VDRL. EEG was abnormal in the 3 cases in whom it was performed. One patient in whom a brain angiography was performed, had images of vasculitis. Treatment with 18-24 million units of penicillin per day during two weeks or more, was partially effective.