NEUROSYPHILIS – CASE REPORT

Sladjana Pavic MD PhD¹, Ljiljana Jeremic MD², Slobodan Jovićevic MD³, Aleksandra Pavic⁴

¹Department for Infectious and Tropical Diseases, General Hospital Uzice, Uzice, Serbia, e-mail: sladjanapj@gmail.com

²Department for neurology, General Hospital Uzice, Uzice, Serbia, e-mail: ljilja1309@gmail.com ³Emergency services, General Hospital Uzice, Uzice, Serbia, e-mail: slobodan.jovicevic@gmail.com ⁴School of Medicine, University of Belgrade, Belgrade, Serbia, e-mail: alexandratanapavic@gmail.com

Abstract: Syphilis is inherited or acquired sexually transmitted disease caused by the spirochete Treponema pallidum. Tertiary syphilis may occur 3-15 years after the initial infection. In the tertiary stage, syphilis can be manifested as a gummy form, cardiovascular or neurosyphilis. We present a case of late-stage syphilis of a forty - year old, HIV-negative man. Predominant symptoms were dizziness, weakness and numbness of the extremities. VDRL was positive in serum and cerebrospinal fluid. MR findings pointed to multiischemic lesions, cortical, subcortical and cerebellar reduction changes, occlusion of cerebral arteries and slow overall final circulation within endocranial. Antibiotic therapy has led to the reduction of symptoms and clinical findings.

Key words: Treponema pallidum, central nervous system, tertiary stage, clinical course