Introduction.— Combined sclerosis of the spinal cord is a rare cause of myelopathy, related to vitamin B12 deficiency. Voiding disorders are common neurological signs.

Methods.— Three hospitalized patients, aged 40–51 years, 2 female and 1 male, present paraparesia or tetraparesia with sphincter disorders subsequent to combined sclerosis of the spinal cord in a context of Biermer’s disease. All had clinical signs of overactive bladder, pollakiuria and urine leakage. Bladder ultrasound was normal in three patients and urodynamics studies were not performed. One of the patients left hospital without learning self-catheterization and three patients were taking anticholinergics and vitamin B12 supplementation.

Discussion and conclusion.— There are few reports in the literature on voiding disorders in combined sclerosis of the spinal cord secondary to Biermer’s anemia. One study published by Misra et al. in 2008 reported eight patients with advanced stage disorders whose symptoms responded to vitamin B12 supplementation.

References