

Case Report

Study of 20 patients with multiple Sclerosis (M.S.) in Mofid children Hospital-Tehran

abstract

Background & Objective: *Multiple Sclerosis (M.S.) is rare in less than 10 years, usually presents after menstrual age and third decay of life. Affects myelination of central nervous system, with unknown etiology and pathogenesis, but viruses and autoimmunity may have a role. Clinical presentation is variable from mild to severe, progressive, debilitated one.*

Materials & Methods: *This is a prospective, descriptive, cross-sectional study on twenty, patients with M.S. at neurologic ward of Mofid ped-hospital from (1996-2000). 14 girls and 6 boys, age (4 years-13 years).*

Results: *Brain-magnetic resonance imaging (M.R.I.) in all the patients with multiple plaques confirmed the diagnosis. Visual Evoked Response (V.E.R.) in most the patients showed the increased latency. The commonest clinical presentation were: increased DTR, Ataxia, Diplopia, decreased muscle power, walking defect, vertigo and paresthesia. For all the patients, CBC, electrolytes, CSF and analysis LE, ANA, Anti dnase were done and for some of the patients if needed, Auditory Brain Response (A.B.R.), somato sensory evoked potential (S.S.E.P.) and spinal M.R.I. were done.*

Conclusion: *We tried to discuss about M.S. by clinical manifestation, neuro imaging and Electro diagnostic test in children.*

Taghdiry M.M. (M.D.)

Assist prof. of Hamedan
University of Medical Sciences

Ghofrani M. (M.D.)

prof. of shahid Beheshty
University of Medical Sciences

Barzegar M. (M.D.)

Assist prof. of Tabriz
University of Medical Sciences

Moayedi A. (M.D.)

Assist prof. of Bandarabas
University of Medical Sciences

Tonekaboni H. (M.D.)

Assist prof. of Shahid Beheshty
University of Medical Sciences

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