

Migraine patients having memory recall deficits not related to sleeping disorders

E. A. Aguilar-Torres^{1,3}, M. Antonio Sierra-Beltrán^{1,2}, M. del Pilar Apodaca-Jimenez², J. Uriel Robledo-Mercado², F. Devi Abigalí Campos-Campechano²

¹*Clinica de Disautonomías, Instituto Nacional de Cardiología "Ignacio Chavez", Mexico*

²*Escuela de Medicina y Ciencias de la Salud, Instituto Tecnológico y de Estudios Superiores de Monterrey, Mexico*

³*Escuela de Ciencias de la Salud, Universidad del Valle de México, Mexico*

Objective: To present a set of migraine patients with memory recall deficits not related to their sleep disorder. **Materials and methods:** Patients who attend a Medical Checkup at Medica Sur Hospital. Anthropometric Measurements were taken, and body rates were calculated. Blood samples for laboratory results were taken for serum glucose, triglyceride and cholesterol in order to discard a metabolic syndrome. Memory and attention were assed according to two clinical tests the everyday activity questionnaire and the six items memory attention and concentration test. **Results:** 74 patients were included in which 37 presented migraine and 37 that didn't. Deficit attention deficit was present in 8 of the patients that did not have migraine and in 15 of the patients that do present migraines. Deficit in memory was present in 12 of the patients that do not have migraine and in 16 of the patients that do present migraine. **Conclusion:** Despite the sleeping disorder that the patient presents it do not correlate to a memory recall deficit. Suggesting there may be other pathophysiological mechanisms involved.