

Case Report

A rare case report of frontal lobe syndrome

abstract

The frontal lobe syndrome is a permanent personality change disorder with characteristic clinical pictures, which followed by frontal lobes damage.

Clinical picture include: Affective instability, recurrent aggressive behavior, impaired social judgment, apathy and undifferentiation or suspiciousness and paranoid ideations. According to DSM-IV classification frontal lobe syndrome named personality change due to head trauma on Axis I. Herein we report a case of 46 year-old man, who has developed behavioral disturbances following head trauma, about 10 years ago. Main clinical figures in this case are apathy, avolition and, undifferentiation. clinical pictures are constant during these 10 years. The diagnostic approach has been based on patient's problems history which, has taken from his family, mental status examination, Neurological examination, Brain imaging and Neuropsychological assessments which related to frontal lobes function. Because of rarity & neglect due to mysterious function of frontal lobes, and also considering that personality change from previous level is prominent figure of this syndrome and also brain imaging findings, which compatible with clinical findings, with this aim, we have reported this case.

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Key words: Frontal lobe syndrome / Subcortical dementia / Personality change due to GMC / Head trauma