



Untreated Neuroborreliosis presenting with somatic delusions and subjective memory impairment
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Abstract: Lyme disease is a tick-borne spirochete illness with multi-system involvement. Although neurological manifestations of Lyme disease are becoming increasingly well recognized, its psychiatric presentations are not well known. Physicians need to be aware of its neuropsychiatric symptoms that may present months to years later. Endemic areas to *BorelliaBurgdorferi* also have higher rates of schizophrenia. Prompt diagnosis and effective treatment is needed to avoid irreversible neuropsychiatric complications. We present a case of a 63 year old male with a psychiatric history of somatic delusions, pressured speech, disinhibition, subjective cognitive complaints with compensatory behavior, and pain on the anterior aspect of the upper torso. Patient believed symptoms stem from pesticide accumulation in fat cells after a single use of pesticides several years prior to initial somatic symptoms. Patient attempted to self-treat with over-the-counter vitamins and supplements and sought the help of several internists and specialists. Patient discontinued follow up with several providers due to belief that physicians did not understand the association between his pesticide use and current symptoms. Upon psychiatric evaluation MMSE and MOCA were performed and found to be within normal limits. Subsequent Frontal Assessment Battery was found to be at threshold. Contact with current primary care provider to discuss concerns regarding possible neurologic etiology. MRI of the brain was performed that demonstrated a frontal lobe hyperintensity. chronic pain of the anterior upper torso and cognitive complaints without change in MOCA performance.



Biography: Setare Eslami completed her Medical degree at Mashad University of Medical Sciences, Mashad Iran. She is currently in her 3rd year as part of the Adult General Psychiatry, Residency Program at Kaweah Delta Health Center, in Visalia California. Her passion for geriatric psychiatry has grown following performing research at Stanford University as clinical project manager involved in several clinical trials on novel treatment for major neurocognitive disorder.

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