Author's response to reviews

Title: Agraphia of Kanji (Chinese characters): An early symptom of MM2-cortical-type sporadic Creutzfeldt-Jakob disease in a Japanese patient

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Author's response to reviews: see over
Dr. Michael Kidd  
Editor-in-Chief, *Journal of Medical Case Reports*

Dear Dr. Kidd,

We are submitting our manuscript entitled, “Agraphia of Kanji (Chinese characters): an early symptom of MM2-cortical-type sporadic Creutzfeldt–Jakob disease in a Japanese patient: a case report”, to be considered for publication as Case report in the *Journal of Medical Case Reports*.

To our knowledge, this is the first report of a patient with MM2-cortical-type sporadic Creutzfeldt-Jakob disease (CJD) showing agraphia of Kanji as an initial and cardinal manifestation. CJD is one of the fatal disorders associated with accumulation of abnormal prion protein, however; details of the pathomechanisms remain unknown. Our patient, who developed agraphia of Kanji exclusively, presented hypoperfusion in the areas related to the symptom. There are two main contributions of this report towards advancing our knowledge regarding this miserable disorder. Firstly, this report suggests that extremely rare manifestations such as agraphia of Kanji could be an early symptom in patients with an atypical type of CJD. Then, due to the fact that diffusion-weighted brain magnetic resonance images usually shows widespread hyperintensity areas in CJD patients, focal signs and hypoperfusion areas are crucial to recognize initial brain lesions damaged by the prion protein accumulation.

All of the co-authors approve the manuscript and agree with submission to the *Journal of Medical Case Reports*. No portion of the manuscript has been published, and the manuscript is not under consideration by any other journal. Written consent has been obtained from the patient and the patient’s family. The manuscript is 976 words long and has 2 Figures.

I am looking forward to your response.

Sincerely yours.