

when the amount of JCV in the CSF is decreased. The mismatch of MET-PET and FDG-PET uptake may be useful for the early diagnosis of PML, although these examinations cannot be performed in every hospital.

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Conflicts of interest On behalf of all authors, the corresponding author states that there is no conflict of interest.

Ethical standard This study was approved by the Institutional Review Board of Hokkaido University.

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