

# ILAE Neuroimaging Task Force highlight: Review MRI scans with semiology in mind

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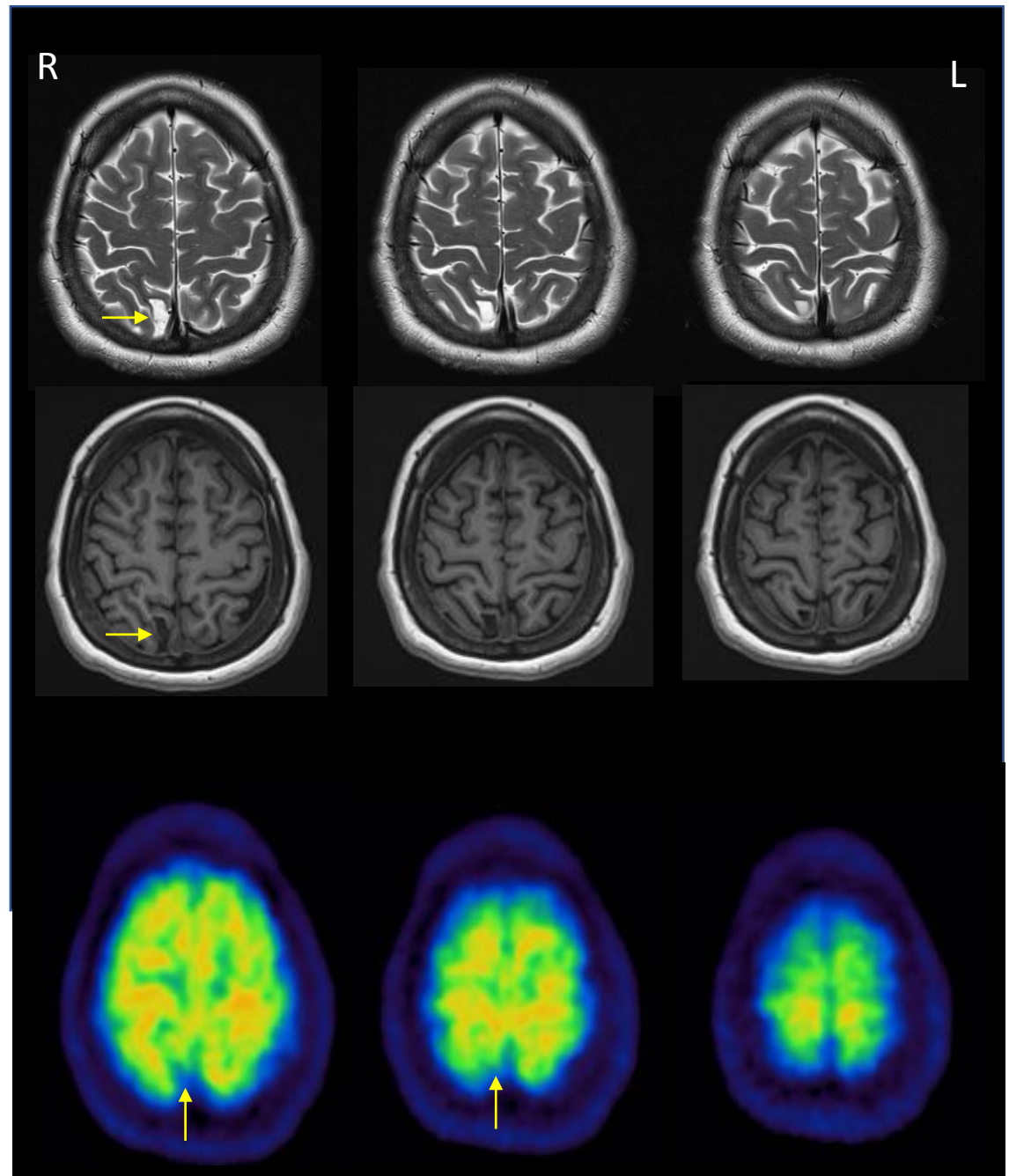
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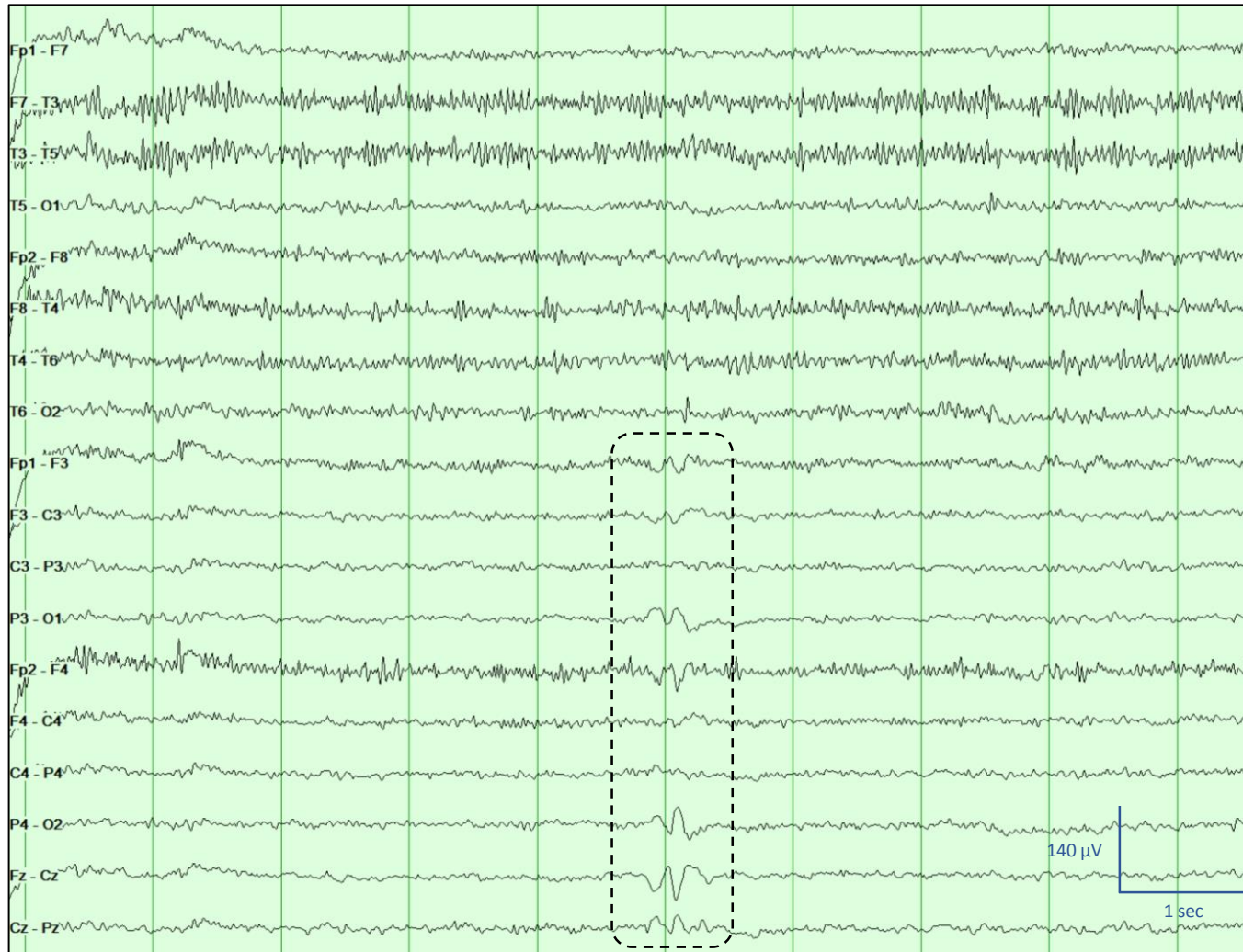
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**Structural MRI and PET.** Arrows show an intracortical cystic lesion that is hyperintense on T2-weighted images (top row, axial) and hypointense on T1-weighted images (middle row, axial). This lesion was present on four MRI scans and was overlooked, likely because the interpreting neuroradiologist may not have been provided with any seizure localization information. Interictal PET (bottom row) shows a focal area of moderate hypometabolism (arrows) in the right posterior mesial parietal convexity.





**Interictal EEG.** Box shows an interictal discharge with maximal negativity at CZ with a broad bilateral parasagittal field (F4-C4-P4 and C3-P3). This corresponds to the location of the lesion seen on MRI and area of hypometabolism seen on PET.