A 16-year-old intellectually normal woman, with a history of febrile seizures, presented with focal sei-
zures. MRI showed several regions of polymicro-
gyria/pachgyria, cortical heterotopia, and left
hippocampal hypoplasia, associated with (interictal)
FDG-PET hypometabolism (figure). Other exami-
nations did not show evidence of tuberous sclerosis.
This case is an example of the frequent coexis-
tence of different types of malformations of cortical
development and hippocampal abnormalities, re-
ferred to as dual pathology.1,2 Dual pathology is im-
portant when making decisions about surgery for
refractory epilepsy. Although prolonged febrile sei-
zure is a risk factor of temporal lobe epilepsy, it is not
clear whether febrile seizure provokes hippocampal
abnormalities.

**Author Contributions**

Dr. Renard: drafting/revising the manuscript, study concept or design, analysis or interpretation of data, acquisition of data, study supervision.

Dr. Castelnovo: study concept or design, acquisition of data, study super-
vision. Dr. Daubin: study concept or design, analysis or interpretation of data, acquisition of data.

Dr. Collombier: analysis or interpretation of data, acquisition of data.

Dr. Briere: analysis or interpretation of data, acquisition of data.

Dr. Labauge: drafting/revising the manuscript, study concept or design, contribution of vital reagents/tools/patients, acquisi-
tion of data.

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pocampal abnormalities in malformations of cortical development:

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