Reviewer's report

Title: Generalized tonic-clonic epilepsy and asymmetrical lateral ventricles in a patient with 45,X0/46,XX/47,XXX mosaic Turner syndrome

Version: 1 Date: 6 November 2013

Reviewer: Pasquale Striano

Which of the following best describes what type of case report this is?: An unexpected association between diseases or symptoms

Has the case been reported coherently?: Yes

Is the case report authentic?: Yes

Is the case report ethical?: Yes

Is there any missing information that you think must be added before publication?: No

Is this case worth reporting?: Yes

Is the case report persuasive?: Yes

Does the case report have explanatory value?: Yes

Does the case report have diagnostic value?: Yes

Will the case report make a difference to clinical practice?: Yes

Is the anonymity of the patient protected?: Yes

Comments to authors:

Studies of epilepsy associated with chromosomal abnormalities may provide information about clinical and instrumental findings and eventually to identify new epilepsy genes.

This report describes an adult patient with mosaic Turner syndrome and epilepsy with generalized tonic-clonic seizures. Similar cases (with generalized or focal epilepsy) have been reported in literature although this association remains very rare and usually associated with cortical dysplasias.

The authors should quote Bartocci et al (Brain Dev. 2008;30:425-9) reporting a female patient with intractable focal epilepsy, borderline intellectual functioning, and distal monosomy Xq.

This reviewer also suggests an alternative title (e.g., Generalized epilepsy and in...
a patient with mosaic Turner syndrome). In addition, the association with ALV is quite overestimated.

Quality of written English: Needs some language corrections before being published