Reviewer's report

Title: A case report of a Premature ovarian failure in a woman with a balanced 15;21 translocation

Version: 1 Date: 19 August 2010

Reviewer: Serena Chen

Which of the following best describes what type of case report this is?: New associations or variations in disease processes

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?: Yes

Is this case worth reporting?: Yes

Is the case report persuasive?: No

Does the case report have explanatory value?: Yes

Does the case report have diagnostic value?: No

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

Is the anonymity of the patient protected?: Yes

Comments to authors:

The authors should elaborate a little further on the patients risk factors for premature ovarian failure - any smoking history? history of chemotherapy or radiation?

It would be helpful to test the patient for fragile X mutations or premutations as well as antithyroid, antiovarian and antiadrenal antibodies. These are much more commonly associated with premature ovarian failure and if these tests are negative it would make a much stronger case for some association between POF and the balanced translocation.

This report is important as it adds to the database of abnormalities associated with balanced translocation. It should definitely be published for this reason.
However, the report is poorly written and requires heavy language editing.

Thank you to the authors for adding this patient to our knowledge base about balanced translocation.

**Quality of written English:** Not suitable for publication unless extensively edited

**Declaration of competing interests:**

I have no competing interests.