Reviewer’s report

Title: Practical Considerations for the Accessibility and Privacy of Genetic Information in Medical Records

Version: 1 Date: 26 May 2011

Reviewer: Vera Frankova

Reviewer’s report:

Manuscript is addressing an important issue of storage and accessibility of results of genetic tests in medical records. Different types of genetic tests and their implications for tested individuals and their families are presented in a comprehensive way in the first part of the manuscript. Second part gives a complex overview of other relevant issues which need to be considered before an implementation of genetic data storage system. Reasons for and against widely accessible storage in electronic medical records are presented and discussed. Discussion includes all important ethical and psychosocial aspects of genetic testing together with some substantial practical problems of electronic storage and accessibility of genetic data. Final summary contains significant recommendations for genetic data categorization and for development, implementation and use of electronic record systems in the way that is reflecting the best interest of patients.

I recommend to publish this article without any changes.

Level of interest: An article of importance in its field

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:

I declare that I have no competing interests' below