Reviewer’s report

Title: Single-center study of Lynch syndrome screening in colorectal polyps

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Reviewer: Steffen Pistorius

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The study by Zhu et al. deals with the interesting question of screening of a cohort of unselected patients with colorectal adenomas for mismatch repair (MMR) deficiency indicating the presence of a Lynch syndrome.

Although the aim of the study and its design is not new, the authors present some interesting aspects and a significant number of patients included. However there are some serious points of criticism that should be answered in a revised version of the manuscript:

1) Before analyses of the germline (sequencing), genetic counselling of all patients is mandatory.
2) The conclusion ("The efficiency of performed…is low…") is correct and supports the recommendation for inclusion of patients only meeting the revised Bethesda guidelines in MMR analyses. In this study, all patients in whom a pathogenic MMR mutation could be detected were younger than 50 years.
3) The number of the references cited (eleven) appears too low in such a central field of interest.
4) The complete manuscript should be revised by an academic native speaker because of the poor quality of English and numerous mistakes.

Therefore, publication of this study in "Hereditary Cancer in Clinical Practice" can be recommended after major revisions, only.

Level of interest
Please indicate how interesting you found the manuscript:

An article whose findings are important to those with closely related research interests

Quality of written English
Please indicate the quality of language in the manuscript:

Not suitable for publication unless extensively edited

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