Reviewer’s report

Title: Survival by colon cancer stage and screening interval in Lynch Syndrome: a Prospective Lynch Syndrome Database report

Version: 0 Date: 05 Aug 2019

Reviewer: Florentia Fostira

Reviewer's report:

This is a prospective, multi-center study assessing the effect of follow-up in different intervals of individuals carrying class 4 and 5 MMR variants. In total, 96 individuals carrying pathogenic MMR variants developed colon cancer <65 years. The stage and survival were evaluated.

The authors conclude that the current recommendation, suggesting a colonoscopy follow-up on 1-2-year interval is probably not necessary.

This is a really well-written paper with clear aims and outcome.

I have only minor comments, which are seen below:

- I think the limitation of the study is the relatively limited number of cases; although it is mentioned by the authors in the discussion, it should be more emphasized, even in the abstract to avoid confusion on drawing new guidelines.

- Maybe include/clarify in the abstract that this observation mainly involves MLH1 and MSH2 carriers

- What was the median time in years of follow-up?

- Were there any individuals included on a CaPP study? Was any information on aspirin uptake collected?

Level of interest
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