Reviewers report

Title: BRIP-1 germline mutation and its role in colon cancer: Presentation of two case reports and review of literature

Version: 0 Date: 27 Feb 2019

Reviewer: Reviewer 2

Reviewers report:

"PEER REVIEWER ASSESSMENTS:

RELEVANCE - Does this case report make a contribution to medical knowledge, have educational value, or highlight the need for a change in clinical practice or diagnostic/prognostic approaches?

Yes, this report contributes to medical knowledge

CASE DESCRIPTION - Are the details of the case sufficiently well described to understand the patients symptoms and course of treatment?

Yes, the description of the case is sufficient

DIAGNOSIS/INTERPRETATION - Based on the facts presented, are the diagnosis, interpretation, and course of treatment medically sound?

Yes, the work described is medically sound

DISCUSSION OF THE CASE - Does the discussion appropriately analyse the importance of the findings and their relevance to future understanding of disease processes, diagnosis or treatment? Has an adequate literature review pertinent to the case been included?

Yes, the case is discussed fully in the context of the literature

OVERALL MANUSCRIPT POTENTIAL - Could an appropriately REVISED version of this work represent a technically sound contribution?
Yes, this case report is suitable for publication

PEER REVIEWER COMMENTS:

GENERAL COMMENTS: The manuscript describes two cases of colorectal cancer with BRIP-1 mutations and the finding of this mutation also in the patient's germline DNA. The case report is important, clearly presented and the data support that this gene may represent an unreported cancer predisposition for colon and other cancers.

REQUESTED REVISIONS:

There are several typographical errors in the present manuscript and are listed below:

1. Page 2, line 12: cancer-related
2. Page 2, line 21: 20%
3. Page 2, line 26: genes should be italicized throughout the manuscript
4. Page 2, line 52: has not been previously reported. We describe..
5. Page 3, line 27: rectosigmoid
6. Page 3, line 30: A CT scan of the chest and abdomen…
7. Page 3, line 33: rectosigmoid
8. Page 3, line 36: Pathology showed an invasive, moderately-differentiated…
9. Page 3, line 38: subserosal
11. Page 4, line 5: She was staged as IIIB disease
12. Page 4, line 9: fluorouracil
13. Page 4, line 19: 5-fluorouracil
14. Page 6, line 18: She was assessed as stage IV given metastatic…
15. Figure 3 legend: Family pedigree…
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2. Do you hold any stocks or shares in an organisation that may in any way gain or lose financially from the publication of this manuscript, either now or in the future?

3. Do you hold or are you currently applying for any patents relating to the content of the manuscript?

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5. Do you have any other financial competing interests?

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