Author's response to reviews

Title: Challenges in the management of a patient with Cowden syndrome: case report and literature review

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Answers to the remarks:

- The abstract is amended and improved.

- The *PTEN* mutation detection is performed also in the proband’s mother and one sister (see page 5) and the results are explained on page 7.

- New follow-up data are attached in the case presentation section on page 6.

- On page 8: “To control possible development of breast cancer for patients WITHOUT a family history…”

The surveillance of Cowden syndrome patients with a family history differs from those without a family history only in the commencement date of the surveillance - examination of Cowden syndrome patients with a family history begins five to ten years before the first discovered breast cancer case in the family. This additional information is given in brackets now.

- Discussion section (on page 7) is expanded according to novel data in literature about higher breast, colorectal and kidney cancer risk in Cowden syndrome patients [references 5 and 6].

- On page 8: “Breast cancer surveillance also involves removal of the breast…”

  Word “surveillance” is replaced with “prevention”.