Author's response to reviews

Title: Oral manifestations of Hereditary Nonpolyposis Colorectal Cancer Syndrome: a family phenotype characterization

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Author's response to reviews: see over
Dear Dr. Michael Kidd
Editors-in-Chief of *Journal of Medical Case Reports*

I am submitting the manuscript “**Oral manifestations of Hereditary Nonpolyposis Colorectal Cancer Syndrome: a family phenotype characterization**” for your consideration for publication in *Journal of Medical Case Reports*.

We believe this is the first work that has used a familial study to analyze oral manifestations in HNPCC patients, and the first that investigated dento-osseous anomalies applying the Dental Panoramic Radiographs Score (DPRS) system in a family diagnosed with HNPCC. It then confirms that the frequency of Fordyce granules (FGs) was 40% in HNPCC family while significant dento-osseous anomalies were observed in only 10%. It suggests that the oral mucosa findings are more common than dento-osseous anomalies in HNPCC patients. In the present family study was observed an association between FGs and HNPCC individuals. In addition, dento-osseous anomalies were found in the HNPCC family, however the relationship between HNPCC and dento-osseous anomalies was not clearly established. Importantly, the study provides proof of principle for further clinical works using familial studies. We feel this work is important to your readership because phenotype studies may determine oral findings that could be helpful in the development of a non-invasive and
inexpensive test for recognizing HNPCC patients. This knowledge will also drive research forward by providing access to HNPCC families with the long-term clinical follow-up required for successful studies.

I can confirm that:

- The data in the manuscript is original and the manuscript is not under consideration elsewhere.
- All authors have read and approved the manuscript.

I would be most grateful if you would consider this manuscript for publication in *Journal of Medical Case Reports*. If you require any further information, please do not hesitate to contact me.

Yours sincerely,

Dr. Eliete Neves da Silva Guerra* (On behalf of all authors)

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