Author’s response to reviews

Title: Enhanced serum immunoglobulin-G clearance in myotonic dystrophy-associated hypogammaglobulinemia: a kindred of two patients and review of the literature

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Version: 1 Date: 13 Aug 2019

Author’s response to reviews:

Dear Bernhard Schaller,

Thank you for your correspondence regarding our manuscript entitled: “Enhanced serum IgG clearance in myotonic dystrophy-associated hypogammaglobulinemia: a kindred of two patients and review of the literature” for consideration for publication in the Journal of Medical Case Reports.

We have made the following edits in line with the reviewer’s comments:

Reviewer #1

4c) Patient III-1 was first found to have low IgG at the age of 30. This has been inserted on Page 4 Paragraph 2. Patient II-1’s IgG was first found to be low when she was 61 years. This has been made more explicit on Page 3 Paragraph 3.

9. Table I has been created to show both the major lymphocyte populations, switched memory B-cell populations and relevant reference ranges. This has also been referred to in the text.

Page 7 Line 167: “We did not investigate whether there was associated deficit of B-cell antibody production in vitro, given previous work in this area showed no difference between patients with
DM1 and healthy controls" has been changed to “Previous work has shown no difference between patients with DM1 and healthy controls in regard to antibody production by B-cells in vitro[7], however this needs to be confirmed in further studies.”

I look forward to further correspondence,

Yours Sincerely,

Dr Sarah C. Sasson (Corresponding Author)