

Peer Review File

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Reviewer A:

This is an extremely, almost complete review over the implications of autoimmune diseases in orofacial pain disorders. However, it doesn't help much in term of diagnosis and treatment, the latter being the most challenge complaint in oral medicine clinical settings.

In the conclusion section, the authors have overstated that orofacial pain are frequently the first manifestation of AD. This is not correct.

Reply: Changes done as suggested.

Changes in the text: Page 24 paragraph under conclusion and recommendation.

Reviewer B:

Major comments:

1. The introduction needs revision. The authors should add more details about why focusing on the orofacial pain in people with autoimmune disorders, not other symptoms. The statement in page 5 is not enough.

Reply: Changes done as suggested.

Changes in the text: Page 3 , paragraph 1 and 2

2. Please add more comments on oral manifestations, behavior or comorbidity of people living with these AD diseases to specify the impact of oral health on people's daily life. For example, on page 5, "Type 1 Diabetes", you could illustrate something like "Diabetes manifests itself in the oral cavity and can affect the say and teeth. Specifically, diabetes is associated with periodontal infections, poor wound healing after dental surgery or trauma, oral ulcers, changes in taste and nerve disorders" (PMID: 19765201). Accordingly, "Type 1 diabetes is also associated with poor sleep quality, obstructive sleep apnea, shorter sleep duration, increased risk of epilepsy, anxiety, and depression (15-18)" could be removed. Also, for "Psoriatic arthritis (PA)" in page 10, etc. Please check through the manuscript.

Reply: Changes done as suggested.

Changes in the text: Page Page 6 , paragraph 1/ page 12 under PA paragraphs 2 and 3

Minor comments:

1. On Page 3, the paragraph of “B and T cells are important players in the adaptive immune response of human body”, the authors could cite reference 4 once.

Reply: changes done as suggested.

Changes in the text: page 1 and paragraph 3

2. To be consistent with “Diagnosis and Management”, please add a subheading before “Type 1 Diabetes” to summarize these following diseases. Or if available, the authors could merge the description of these disease with their “Diagnosis and Management”.

Reply: changes done as suggested.

Changes in the text: Page 5 to 24.

3. On Page 13, to make sure the consistent structure of this paper, the subtitle of “Antiphospholipid Syndrome” should be “Antiphospholipid Syndrome (APS)”.

Reply: changes done as advised.

Changes in the text: Page 20

4. All the abbreviations in tables need to be explained again in the table legends, such as “AD”, “MCTD” et al.

Reply: Table legends done as advised

Changes in the text: Under Table For AD Summary