Author's response to reviews

Title: Extraction Bradycardia: a Pilot Case-Crossover Study

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Version: 2 Date: 4 September 2013

Author's response to reviews: see over
Dear Dr. T. Stamm,

Hereby we would like to submit revision of the manuscript “Extraction Bradycardia – a Pilot Case-Crossover Study” by Ashkan Rashad, Ralf Smeets, Madiha Rana and Behnam Bohluli.

The authors would like to thank you and the reviewers for your interest in our original research article and for the valuable comments and recommendations. Substantial revision has been made for further editorial review. The revision cover letter follows a point-by-point format that lists the comments/request of the reviewers and the subsequent author response. All changes within the text were highlighted in red color for better readability.

MS: 1395423630102522

Kind regards,

Ralf Smeets
MD, DMD, PhD
Reviewer’s Comments:

The paper joins other investigations of the study group and helps to understand this kind of complication.

Introduction: Well structured with sufficient reflection of the aim of the study.

- The authors of the present study would like to thank the reviewer for the comments. Indeed, extraction brady-cardia represents an underestimated topic. Further studies of the study group will continue and presented.

Materials and Methods: All in all, adequate description of the study design. Was the extraction maneuver conducted differently from usual intervention (more or less traumatic)? Please indicate…

- All the extractions were performed by one oral and maxillofacial surgeon and care was exerted to avoid excess trauma or inadequate anesthesia. Extraction of the erupted posterior mandibular teeth were conducted similar to usual intervention in order to simulate common extraction settings. Changes are made within the manuscript.

Results: Significant and non-significant results are mentioned properly, and categorized subsequently by age, gender and heart rate globally.

Discussion: Even though a literature review reveals a lack of studies concerning TCR, the authors cited the current references and discussed the results in detail. Indeed, further research is needed, especially given that many patients are not normotensive and handicapped medically. Significant differences should be indicated within the figure.

- The authors totally agree on that point: It is hypothesized, that otherwise medically handicapped patients will react even more distinctive regarding extraction bradycardia. Now, significant differences are marked within the figure as suggested.