## **Accepted Manuscript**

Biomechanical effects of a mandibular advancement device on the temporomandibular joint

David S.P. Heidsieck, MD, Jan Harm Koolstra, PhD, Maurits H.T. de Ruiter, MD, DMD, Aarnoud Hoekema, MD DMD PhD, Jan de Lange, MD DMD PhD

PII: S1010-5182(17)30389-X

DOI: 10.1016/j.jcms.2017.11.015

Reference: YJCMS 2840

To appear in: Journal of Cranio-Maxillo-Facial Surgery

Received Date: 15 July 2017

Revised Date: 23 October 2017 Accepted Date: 13 November 2017

Please cite this article as: Heidsieck DSP, Koolstra JH, de Ruiter MHT, Hoekema A, de Lange J, Biomechanical effects of a mandibular advancement device on the temporomandibular joint, *Journal of Cranio-Maxillofacial Surgery* (2017), doi: 10.1016/j.jcms.2017.11.015.

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



#### ACCEPTED MANUSCRIPT

Biomechanical effects of a mandibular advancement device on the temporomandibular joint

David S.P. Heidsieck, MD<sup>a</sup>, Jan Harm Koolstra PhD<sup>b</sup>, Maurits H.T. de Ruiter MD, DMD <sup>a</sup>, Aarnoud Hoekema MD DMD PhD <sup>a, c, d</sup>, Jan de Lange MD DMD PhD <sup>a</sup>

<sup>a</sup> Department of Oral & Maxillofacial Surgery, Academic Medical Centre, University of Amsterdam, Meibergdreef 9, 1105 AZ, Amsterdam, The Netherlands

<sup>b</sup> Department of Oral Cell Biology and Functional Anatomy, Academic Centre for Dentistry Amsterdam (ACTA), University of Amsterdam and VU University Amsterdam, Gustav Mahlerlaan 3004, 1081 LA Amsterdam, The Netherlands

<sup>c</sup> Department of Oral and Maxillofacial Surgery, University Medical Center Groningen, University of Groningen, Hanzeplein 1, 9713 GZ Groningen, The Netherlands.

<sup>d</sup> Department of Oral Kinesiology, Academic Centre for Dentistry Amsterdam (ACTA),
University of Amsterdam and VU University Amsterdam, Gustav Mahlerlaan 3004, 1081 LA
Amsterdam, The Netherlands

#### **Corresponding author:**

D.S.P. Heidsieck

Department of Oral & Maxillofacial Surgery, A1-121

Academic Medical Centre, University of Amsterdam

### Download English Version:

# https://daneshyari.com/en/article/8698921

Download Persian Version:

https://daneshyari.com/article/8698921

<u>Daneshyari.com</u>