UNIVERSITY OF AMSTERDAM

UvA-DARE (Digital Academic Repository)

Mandibular advancement device therapy in obstructive sleep apnea

Aarab, G.

Publication date
2011

Link to publication

Citation for published version (APA):
Aarab, G. (2011). *Mandibular advancement device therapy in obstructive sleep apnea*. [Thesis, fully internal, Universiteit van Amsterdam].

General rights
It is not permitted to download or to forward/distribute the text or part of it without the consent of the author(s) and/or copyright holder(s), other than for strictly personal, individual use, unless the work is under an open content license (like Creative Commons).

Disclaimer/Complaints regulations
If you believe that digital publication of certain material infringes any of your rights or (privacy) interests, please let the Library know, stating your reasons. In case of a legitimate complaint, the Library will make the material inaccessible and/or remove it from the website. Please Ask the Library: https://uba.uva.nl/en/contact, or a letter to: Library of the University of Amsterdam, Secretariat, P.O. Box 19185, 1000 GD Amsterdam, The Netherlands. You will be contacted as soon as possible.

UvA-DARE is a service provided by the library of the University of Amsterdam (https://dare.uva.nl)

Download date:07 Oct 2026

Mandibular Advancement Device Therapy in Obstructive Sleep Apnea

Ghizlane Aarab

Mandibular Advancement Device Therapy in Obstructive Sleep Apnea

ACADEMISCH PROEFSCHRIFT

ter verkrijging van de graad van doctor

aan de Universiteit van Amsterdam

op gezag van de Rector Magnificus

prof. dr. D.C. van den Boom

ten overstaan van een door het college voor promoties ingestelde

commissie, in het openbaar te verdedigen in de Aula der Universiteit

op woensdag 5 oktober 2011, te 13:00 uur

door Ghizlane Aarab

geboren te Berkane, Marokko

Colofon
ISBN: 978-90-6464-485-6
Opmaak en vormgeving: Ferdinand van Nispen,
Citroenvlinder DTP&Vormgeving, Bilthoven
Omslag: Leszek Sczaniecki
Druk: GVO | Ponsen&Looijen drukkerij, Ede

Promotoren: Prof. dr. ir. M. Naeije
Prof. dr. F. Lobbezoo
Overige leden: Prof. dr. H. van Beek
Prof. dr. J. de Lange
Dr. M. Marklund
Prof. dr. B. Stegenga
Prof. dr. M.A.J. van Waas

Faculteit der Tandheelkunde

Contents

Chapter 1	General introduction	**7**
Chapter 2	Variability in the apnea-hypopnea index and its consequences for diagnosis and therapy evaluation	**25**
Chapter 3	Short-term effects of a mandibular advancement device on obstructive sleep apnea: an open-label pilot trial	**43**
Chapter 4	Effects of an oral appliance with different mandibular protrusion positions at a constant vertical dimension on obstructive sleep apnea	**61**
Chapter 5	Oral appliance therapy versus nasal continuous positive airway pressure in obstructive sleep apnea: a randomized, placebo-controlled trial	**83**
Chapter 6	Long-term follow-up of a randomized controlled trial of oral appliance therapy in obstructive sleep apnea	**107**
Chapter 7	General discussion	**127**
Chapter 8	Summary	**139**
	Samenvatting	**143**
	List of publications	**149**
	Dankwoord	**153**