

TAP leads the industry with the most independent peer-reviewed studies with best patient outcomes.

2023

Paz, Jeff, Schneiderman, Emet. **A Compliance Protocol for Optimizing Response to Oral Appliance Therapy for Obstructive Sleep Apnea.**

In: *Texas Dental Journal*. 2023.

Denbar, Martin. **Continuous Positive Airway Pressure: Is It Still the Gold Standard? A Thoughtful Analysis With the Advent of Oral Appliance Therapy.**

In: *J Dent Sleep Med*. 2023;10(4).

Lowery MM, Rundo JV, Walia HK, Shah V. **Personalized multimodal management for severe obstructive sleep apnea in a patient intolerant of positive airway pressure with hypoglossal nerve stimulator and mandibular advancement device.**

In: *J Clin Sleep Med*. 2023;19(2):403-408.

2022

Iftikhar, I.H., Cistulli, P.A., Jahrami, H. et al. **Comparative efficacy of mandibular advancement devices in obstructive sleep apnea: a network meta-analysis.**

In: *Sleep Breath* (2022). <https://doi.org/10.1007/s11325-022-02744-6>

Bosschieter PFN, Uniken Venema JAM, Vonk PE, Ravesloot MJL, Vanhommerig JW, Hoekema A, Plooij JM, Lobbezoo F, de Vries N. **An interim oral appliance as a screening tool during drug-induced sleep endoscopy to predict treatment success with a mandibular advancement device for obstructive sleep apnea.**

In: *Sleep Breath*. 2022 Aug 9:1-7. doi: 10.1007/s11325-022-02689-w. Epub ahead of print. PMID: 35941318; PMCID: PMC9360646.

Uniken Venema, JAM, Bosschieter, PFN, Hoekema, A, Plooij, JM, Lobbezoo, F, de Vries, N. **Do dental parameters predict severity of obstructive sleep apnea and mandibular advancement device therapy outcomes? A pilot study.**

In: *J Oral Rehabil*. 2023; 50: 203- 209. doi:10.1111/joor.13392

*Bosschieter PFN, Uniken Venema JAM, Vonk PE, Ravesloot MJL, Hoekema A, Plooij JM, Lobbezoo F, Vries N. **Equal effect of a non-custom versus custom mandibular advancement device in treatment of obstructive sleep apnea.**

In: *J Clinical Sleep Med*. 2022 May. <https://doi.org/10.5664/jcsm.10058>.

Hogg J. **Utilizing combination positive airway pressure/oral appliance therapy to build relationships with physicians.**

In: *J Dent Sleep Med*. 2022;9(2).

Tanaka Y, Adame JM, Kaplan A, Almeida FR. **The simultaneous use of positive airway pressure and oral appliance therapy with and without connector: A preliminary study.**

In: *J Dent Sleep Med*. 2022;9(1)

Stache RW, Prasad B, Viana G, Carley D Galang-Boquiren MT. [Oral appliance and pharmacologic agents in the treatment of sleep apnea: A pilot clinical study.](#)

In: *J Dent Sleep Med.* 2022;9(1)

Liu J, Sheets V, Maerz R, Ni A, Magalang U, Ko CC, Firestone A. [A multifactorial intervention to increase adherence to oral appliance therapy with a titratable mandibular advancement device for obstructive sleep apnea: a randomized controlled trial.](#)

In: *Sleep Breath.* 2022 Jan 11. doi: 10.1007/s11325-021-02548-0. Epub ahead of print. PMID: 35013898.

2021

Segù M, Così A, Santagostini A, Scribante A. [Efficacy of a Trial Oral Appliance in OSAS Management: A New Protocol to Recognize Responder/Nonresponder Patients.](#)

In: *Int J Dent.* 2021 Jun 17;2021:8811700. doi: 10.1155/2021/8811700. PMID: 34221017; PMCID: PMC8225417.

*Bosschieter PFN, Vonk PE, de Vries N, Ravesloot MJL. [Position-dependent obstructive sleep apnea and its influence on treatment success of mandibular advancement devices.](#)

In: *Sleep Breath.* 2021 Oct 28. doi: 10.1007/s11325-021-02488-9. Epub ahead of print. PMID: 34709563.

*Bosschieter PFN, Vonk PE, de Vries N. [The predictive value of drug-induced sleep endoscopy for treatment success with a mandibular advancement device or positional therapy for patients with obstructive sleep apnea.](#)

In: *Sleep Breath.* 2021 Oct 1. doi: 10.1007/s11325-021-02501-1. Epub ahead of print. PMID: 34596877.

Julia A.M. Uniken Venema, Boudewijn R.A.M. Rosenmüller, Nico de Vries, Jan de Lange, Ghizlane Aarab, Frank Lobbezoo, Aarnoud Hoekema. [Mandibular advancement device design: A systematic review on outcomes in obstructive sleep apnea treatment.](#)

In: *Sleep Medicine Reviews*, Volume 60, 2021, 101557, ISSN 1087-0792.

*Schramm, P.; Das, N.; Schneiderman, E.; German, Z.; Hui, J.; Wilson, D.; Spencer, J.; Moura, P.; Chapman, S.B. [Snoring Remediation with Oral Appliance Therapy Potentially Reverses Cognitive Impairment: An Intervention Controlled Pilot Study.](#)

In: *Geriatrics* 2021, 6, 107.

Wojciech Trzepizur, Peter A. Cistulli, Martin Glos, Bruno Vielle, Kate Sutherland, Peter J. Wijkstra, Aarnoud Hoekema and Frédéric Gagnadoux. [Health Outcomes of Continuous Positive Airway Pressure Versus Mandibular Advancement Device for the Treatment of Severe Obstructive Sleep Apnea: An Individual Participant Data Meta-Analysis.](#)

In: *SLEEPJ*, 2021, 1-7

Schneiderman, E., Schramm, P., Hui, J., Wilson, P. D., Moura, P., German, Z., McCann, A., & Newton, M. (2021). [Randomized Trial of 2 Self-Titrated Oral Appliances for Airway Management.](#)

In: *Journal of Dental Research*, 100(2), 155-162.

2020

P.E. Vonk, J.A.M. Uniken Venema, M.J.L. Ravesloot, J.A. van de Velde-Muusers, N.de Vries. [Jaw thrust versus the use of a boil-and-bite mandibular advancement device as a screening tool during drug-induced sleep endoscopy.](#)

In: *J Clin Sleep Med.* 2020 Jul 15;16(7):1021-1027. doi: 10.5664/jcsm.8378

Venema, Julia A. M. Uniken, Et al. [Long-Term Obstructive Sleep Apnea Therapy: A 10-year Follow Up of Mandibular Advancement Device and Continuous Positive Airway Pressure.](#)

In: *Journal of Clinical Sleep Medicine* 15 March 2020

2017

Kanti V. **Obstructive Sleep Apnea in a Patient with Orofacial Pain Secondary to Cervical Fixation.**

In: *JADA* 148 (3), 185-189

2016

Hoekema, A., Wijkstra P., et al. **Continuous Positive Airway Pressure and Oral Appliance Hybrid Therapy in Obstructive Sleep Apnea: Patient Comfort Compliance and Preference: A Pilot Study.**

In: *Journal of Dental Sleep Medicine*, 2016 3(1): 5-10

Hogg James J. **Remote Controlled Mandibular Positional Device to Determine Oral Appliance Efficacy and Therapeutic Protrusive Position.**

In: *Journal of Dental Sleep Medicine*, 2016 3(1): 29-30

2015

Kent D., Rogers R., Loose R. **Drug-Induced Sedation Endoscopy in the Evaluation of OSA Patients with Incomplete Oral Appliance Therapy Response.**

In: *Sleep Rev* 2015 (5) 18-21

Sanders AE, Denbar MA, White J, Prehn RS, Rogers RR, Pardue T, et al. **Dental clinicians' observations of combination therapy in PAP-intolerant patients.**

In: *Otolaryngology - Head and Neck Surgery*. Vol 153 (2): 302-307

Prehn R., Colquitt T. **Fabrication Technique for a Custom Face Mask for the Treatment of Obstructive Sleep Apnea.**

In: *The Journal of Prosthetic Dentistry*.

2014

Verrett R., Smith Y. **Evaluation of a Novel Device for Measuring Patient Compliance with Oral Appliances in the Treatment of Obstructive Sleep Apnea.**

In: *Journal of Prosthodontics* 23 (2014) 31-38

2012

Boota A. White JR, Pardue T, Essick G. **Sustained tolerance of CPAP using MAS supported Nasal Pillows.**

In: Abstract. 26th Annual APSS Meeting, Boston, MA

Bender S. **Oral Appliance Therapy for Sleep-Related Breathing Disorders.**

In: Elsevier, *Operative Techniques in Otolaryngology*, (2012) 23, 72-78

2011

White JR, Boota A, Essick G. **Efficacy and Tolerance of Combination Therapy using MAS Supported Nasal Pillows.**

At: American Academy of Dental Sleep Medicine Annual Meeting. (Awarded: Poster, Abstract of the Year), Minneapolis, MN 2011

Holley AB, Lettieri CJ, Shah AA. **Efficacy of an Adjustable Oral Appliance and Comparison to Continuous Positive Airway Pressure for the Treatment of Obstructive Sleep Apnea Syndrome.**

In: *Chest* DOI 10.1378/chest.10-2851, June 2, 2011

Lettieri CJ, Paolino N, Eliasson AH, Shah AA, Holley, AB. **Comparison of Adjustable and Fixed Oral Appliances for the Treatment of Obstructive Sleep Apnea Syndrome.**

In: *Journal of Clinical Sleep Medicine*, JCSM, October 2011

2010

Bishop B, Verrett R, Girvan T, Ingmundson P. Crossover Study Comparing Two Oral Appliance Designs for Treatment of Obstructive Sleep Apnea.

At: American Academy of Dental Sleep Medicine Annual Meeting. San Antonio, TX; 2010

Chung JW, Enciso R, Levendowski DJ, Westbrook PR, Clark GT. Treatment Outcomes of Mandibular Advancement Devices in Positional and Nonpositional OSA Patients.

In: *Oral Surg Oral Med Oral Pathol Oral Radiol Endod.* 2010 May; 109(5):724-31

McLornan P, Verrett R, Girvan T, Ingmundson P. Evaluation of Obstructive Sleep Apnea Patients' Oral Appliance Titration Protocols.

At: The American Academy of Dental Sleep Medicine Annual Meeting. San Antonio, TX; 2010

Prehn R. The New TAP-PAP Custom Face Mask for CPAP Compliance and Satisfaction.

At: American Academy of Dental Sleep Medicine Annual Meeting. San Antonio, TX; 2010

2009

Ghazal A, Sorichter S, Jonas I, Rose EC. A Randomized Prospective Long-Term Study of Two Oral Appliances for Sleep Apnea Treatment.

In: *J Sleep Res.* 2009 Sep; 18(3):321-8

Krishnan, V., N. A. Collop, et al. An Evaluation of a Titration Strategy for Prescription of Oral Appliances for Obstructive Sleep Apnea.

In: *Chest* 2009 133(5): 1135-1141

2008

Chung JW, Enciso R, Levendowski DJ, Westbrook PR, Clark GT. Investigation of Positional and Non-Positional OSA: Risk Factors Associated with Apnea-Hypopnea Severity.

In: *Journal of Sleep Research*, 2008

Ghazal A, Jonas IE, Rose EC. Dental Side Effects of Mandibular Advancement Appliances - A 2 Year Follow-Up.

In: *J Orofac Orthop.* 2008 Nov; 69(6):437-47

Hoekema, A., B. Stegenga, et al. Obstructive Sleep Apnea Therapy.

In: *Journal of Dental Research*, 2008 87(9): 882-887

Hoekema, A., A. A. Voors, et al. Effects of Oral Appliances and CPAP on the Left Ventricle and Natriuretic Peptides.

In: *Int J Cardiol* 2008 128(2): 232-239

2007

Hoekema A, Doff MHJ, Bont LGMd, Hoeven JHvd, Wijkstra PJ, Pasma HR, et al. Predictors of Obstructive Sleep Apnea-Hypopnea Treatment Outcome.

In: *J Dent Res* 2007; 86(12):1181-1186

Hoekema A, Stegenga B, Bakker M, Brouwer WH, Bont LGMd, Wijkstra PJ, et al. Simulated Driving in Obstructive Sleep Apnea - Hypopnoea; Effects of Oral Appliances and Continuous Positive Airway Pressure.

In: *Sleep and Breathing* 2007; 11(3):129-138

Hoekema A, Stel A-L, Stegenga B, Hoeven JHvd, Wijkstra PJ, Driel MFv, et al. Sexual Function and Obstructive Sleep Apnea - Hypopnea: A Randomized Clinical Trial Evaluating the Effects of Oral-Appliance and Continuous Positive Airway Pressure Therapy.

In: *The Journal of Sexual Medicine* 2007; 4(4ii):1153-1162

Hoekema A, Vries Fd, Heydenrijk K, Stegenga B. Implant-Retained Oral Appliances: A Novel Treatment for Edentulous Patients with Obstructive Sleep Apnea - Hypopnea Syndrome.

In: *Clinical Oral Implants Research* 2007; 18(3):383-387

Levendowski DJ, Morgan TD, Patrickus JE, Westbrook PR, Berka C, Zavora T, et al. In-Home Evaluation of Efficacy and Titration of a Mandibular Advancement Device for Obstructive Sleep Apnea.

In: *Sleep Breath* 2007; 11(3):139-47

Stouder, Jones, Brietzke, Mair. Does An Oral Appliance Reduce Palatal Flutter and Tongue Base Snoring?

In: *Otolaryngology - Head and Neck Surgery* 2007; 136(5):827-831

2004

*Barnes M, McEvoy RD, Banks S et al. Efficacy of Positive Airway Pressure and Oral Appliance in Mild to Moderate Obstructive Sleep Apnea.

In: *Am J Respir Crit Care Med* 2004; 170:656-664

* This appliance is a TAP-based design.

Conaway JR, Scherr SC. Multidisciplinary Management of the Airway in a Trauma-Induced Brain Injury Patient.

In: *Sleep Breath* 2004; 8(3):165-170

Rose EC, Germann M, Sorichter S, Jonas IE. Case Control Study in the Treatment of Obstructive Sleep-Disordered Breathing with a Mandibular Protrusive Appliance.

In: *Journal of Orofacial Orthopedics* 2004; 65(6):489-500

2002

Denbar MA. A Case Study Involving the Combination Treatment of an Oral Appliance and Auto-Titrating CPAP Unit.

In: *Sleep Breath* 2002; 6(3):125-128

Gershman. Prospective Study of the TAP in the Management of Obstructive Sleep Apnea and Snoring.

In: *Sleep* 2002; 25(Supplement):A466

Skinner MA, Robertson CJ, Kingshott RN, Jones DR, Taylor DR. The Efficacy of a Mandibular Advancement Splint in Relation to Cephalometric Variables.

In: *Sleep Breath* 2002;6(3):115-24

1999

Pancer J, Al-Faifi S, Al-Faifi M, Hoffstein V. Evaluation of Variable Mandibular Advancement Appliance for Treatment of Snoring and Sleep Apnea.

In: *Chest* 1999; 116(6):1511-1518

1998

Denbar M. Case Report: Utilization of the Thornton Adjustable Positioner in Maintaining the Airway for a Child with Obstructive Apnea, Micrognathia, and Cerebral Palsy.

In: *Tex Dent J.* 1998; 115(10):21-22

Roberts DH, Becker PM, Jamieson AO. Determining Efficacy of a Split Night OA & CPCP Titration Protocol Using PSG.