“Sleep physicians should consider prescription of COAT for patients with obstructive sleep apnea who are intolerant of CPAP therapy or prefer alternate therapy.”


NEW TECHNOLOGY

Determinants of Objective Compliance During Oral Appliance Therapy in Patients With Sleep-Related Disordered Breathing: A Prospective Clinical Trial

Objectively measured vs self-reported compliance during oral appliance therapy for sleep-disordered breathing

Objective measurement of compliance during oral appliance therapy for sleep-disordered breathing

Remotely controlled mandibular protrusion during sleep predicts therapeutic success with oral appliances in patients with obstructive sleep apnea.

Prediction of oral appliance treatment outcomes in obstructive sleep apnea: A systematic review

The Use of Remotely Controlled Mandibular Positioner as a Predictive Screening Tool for Mandibular Advancement Device Therapy in Patients with Obstructive Sleep Apnea through Single-Night Progressive Titration of the Mandible: A Systematic Review
Chloé Kasdor, MD,1,4; Marijke Dietijns, MSc, PhD,1,2,4; Eline Oorts, MD1; Evert Hamans, MD, PhD;4; Marc J. Braem, DDS, PhD,2,4; Paul H. Van de Heyning, MD, PhD,1,3,4; Olivier M. Vanderveken, MD, PhD,1,3,4. AJ Clin Sleep Med. 2016 Oct 15;12(10):1411-1421. https://www.ncbi.nlm.nih.gov/pubmed/27568892

REVIEW ARTICLES

Mandibular advancement splint (MAS) therapy for obstructive sleep apnoea: an overview and quality assessment of systematic reviews

Meta-analysis of randomised controlled trials of oral mandibular advancement devices and continuous positive airway pressure for obstructive sleep apnoea-hypopnoea

A crossover randomised controlled trial of oral mandibular advancement devices for obstructive sleep apnoea-hypopnoea

Oral Appliance Treatment for Obstructive Sleep Apnea: An Update

EVIDENCE FOR CLINICAL EFFICACY/ PATIENT PREFERENCE

Comparison of effects of OSA treatment by MAD and by CPAP on cardiac autonomic function during daytime

CPAP vs Mandibular Advancement Devices and Blood Pressure in Patients With Obstructive Sleep Apnea: A Systematic Review and Meta-analysis
EVIDENCE FOR CLINICAL EFFICACY / PATIENT PREFERENCE

Effects of treatment with oral appliance on 24-h blood pressure in patients with obstructive sleep apnea and hypertension: a randomized clinical trial

Patient preferences and experiences of CPAP and oral appliances for the treatment of obstructive sleep apnea: a qualitative analysis

Long-term compliance and side effects of oral appliances used for the treatment of snoring and obstructive sleep apnea syndrome

Deep Phenotyping in Obstructive Sleep Apnea. A Step Closer to Personalized Therapy
Cistulli PA, Sutherland K; Am J Respir Crit Care Med. 2016 Dec 1;194(11):1317-1318.

Mandibular Advancement Device as a Comparable Treatment to Nasal Continuous Positive Airway Pressure for Positioanl Obstructive Sleep Apnea
Yoshikazu Takaesu, PhD1; Satoru Tsuiki, PhD2,4,5; Mina Kobayashi, PhD2,4; Yoko Komada, PhD2,3,4; Hideaki Nakayama, PhD6; Yuichi Inoue, PhD2,3,4

EVIDENCE FOR IMPROVED CLINICAL OUTCOMES

Modulation of Inflammatory and Hemostatic Markers in Obstructive Sleep Apnea Patients Treated with Mandibular Advancement Splints: A Parallel, Controlled Trial

Health outcomes of continuous positive airway pressure versus oral appliance treatment for obstructive sleep apnea: a randomized controlled trial

Oral appliance therapy reduces blood pressure in obstructive sleep apnea: a randomized, controlled trial
Gotsopoulos H, Kelly JJ, Cistulli PA. Department of Respiratory & Sleep Medicine, St George Hospital, The University of New South Wales, Sydney Australia Sleep. 2004 Aug 1;27(6):934-41.

Cardiovascular mortality in obstructive sleep apnea treated with continuous positive airway pressure or oral appliance: An observational study

Exploring the Potential Cost-Effectiveness of Patient Decision Aids for Use in Adults with Obstructive Sleep Apnea: A Case Study

Mandibular advancement appliances remain effective in lowering respiratory disturbance index for 2.5 - 4.5 years

Dental appliance treatment for obstructive sleep apnea

Mandibular advancement splint as short-term alternative treatment in patients with obstructive sleep apnea already effectively treated with continuous positive airway pressure

Efficacy versus Effectiveness in the Treatment of Obstructive Sleep Apnea: CPAP and Oral Appliances
Kate Sutherland, PhD1,2; Craig L. Phillips, PhD1,2; Peter A. Cistulli, MD, PhD1 Journal of Dental Sleep Medicine. 2015; 2(4): 175-181.

Alternatives to continuous positive airway pressure pressure 2: mandibular advancement devices compared

Mandibular Advancement device & CPAP upon cardiovascular parameters in OSA

Effect of oral appliances on blood pressure in obstructive sleep apnea: a systematic review and meta-analysis

Effect of oral appliance therapy on neurobehavioral functioning in obstructive sleep apnea: a randomized controlled trial

Improvement of Cognitive and Psychomotor Performance in Patients with Mild to Moderate Obstructive Sleep Apnea Treated with Mandibular Advancement Device: A Prospective 1-Year Study
Tea Galic, DMD1; Josko Bozic, MD2; Renata Pecotic, MD, PhD3,4; Natalija Ivkovic, MSc, RN3; Maja Valic, MD, PhD3,4; Zoran Dogas, MD, PhD3,4 J Clin Sleep Med. 2016 Feb;12(2): 177-86.

www.somnomed.com