



**SomnoMed**<sup>®</sup>  
The Leader In COAT<sup>™</sup>  
(Continuous Open Airway Therapy)  
**COAT Bibliography**

**Sleep physicians should consider prescription of COAT for patients with obstructive sleep apnea who are intolerant of CPAP therapy or prefer alternate therapy - regardless of severity.**

American Academy of Sleep Medicine – Clinical Practice Guideline for the Treatment of Obstructive Sleep Apnea and Snoring with Oral Appliance Therapy: An Update for 2015.

### **Review Articles**

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

Timothy Quinnell, Maxine Bennett, Jake Jordan, Abigail Clutterbuck-James, Michael Davies, Ian Smith, Nicholas Oscroft, Marcus Pittman, Malcolm Cameron, Rebecca Chadwick, Mary Morrell, Matthew Glover, Julia Fox-Rushby, Linda Sharples. Thorax 2014 Oct;69(10): 938-45.

<http://www.ncbi.nlm.nih.gov/pubmed/17136406>

**The comparison of CPAP and oral appliances in treatment of patients with OSA: a systematic review and meta-analysis.**

Li W1, Xiao L, Hu J. Respir Care. 2013 Jul;58(7):1184-95.

<http://www.ncbi.nlm.nih.gov/pubmed/23287015>

**Oral Appliance Treatment for Obstructive Sleep Apnea: An Update.**

Sutherland K, Vanderveken O, Tsuda H, Marklund M, Gagnadoux F, Kushida C, Cistulli P, Source, Journal of Clinical Sleep Medicine, Vol 10 No 2, 2014.

<http://www.ncbi.nlm.nih.gov/pubmed/24533007>

### **Evidence for Clinical Efficacy/Preference**

**CPAP vs. Mandibular Advancement Devices and Blood Pressure in Patients With Obstructive Sleep Apnea:**

**A Systematic Review and Meta-analysis.**

Bratton DJ, Gaisl T, Wons A<, Kohler M, JAMA. 2015 Dec 1; 314(21):2280-93

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

Linda Sharples, Abigail Clutterbuck-James, Matthew Glover, Maxine Bennett, Rebecca Chadwick, Marcus Pittman, Timothy Quinnell. Sleep Med Review 2015 May 30;

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

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

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<http://www.ncbi.nlm.nih.gov/pubmed/22821223>

**Patients' with obstructive sleep apnoea syndrome (OSAS) preferences and demand for treatment: a discrete choice experiment.**

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<http://www.ncbi.nlm.nih.gov/pubmed/23002172>

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

Almeida FR1, Henrich N, Marra C, Lynd LD, Lowe AA, Tsuda H, Fleetham JA, Pliska B, Ayas N. Sleep Breath. 2013 May;17(2):659-66.

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

Almeida FR1, Mulgrew A, Ayas N, Tsuda H, Lowe AA, Fox N, Harrison S, Fleetham JA. J Clin Sleep Med. 2013 Apr 15;9(4):319-24.

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de Almeida FR. J Clin Sleep Med. 2011 Oct 15;7(5):447-8.

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### **Dental appliance treatment for obstructive sleep apnea.**

Chan AS, Lee RW, Cistulli PA. Centre for Sleep Health and Research, Royal North Shore Hospital, St Leonards NSW 2065, Australia. CHEST. 2007 Aug; 132(2): 693-9.

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

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### **Treatment of snoring and obstructive sleep apnea with mandibular repositioning appliances.**

Peter A. Cistulli, Helen Gotsopoulos, Marie Marklund and Alan A. Lowe. Sleep Med Reviews, Vol 8 Iss 6 pp 427-499 (2004) Copyright © 2005 Elsevier Ltd. All rights reserved.

<http://www.ncbi.nlm.nih.gov/pubmed/15556377>

## ***Evidence for Improved Outcomes***

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

Quinnell TG1, Clutterbuck-James AL. Curr Opin Pulm Med. 2014 Nov;20(6):595-600.

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

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## ***New Technology***

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

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

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