

## SUPPLEMENTAL MATERIAL

**Title: Continuous positive airway pressure therapy and long-term outcome in patients with coronary artery disease and obstructive sleep apnea: A meta-analysis of randomized trials**

**Supplemental Table 1. Search Strategies (PubMed)**

#	Search History
1	"Sleep Apnea Syndromes"[Mesh]
2	sleep*[tw] AND (apnea*[tw] OR apnoea*[tw] OR hypopnea*[tw] OR hypoponea*[tw] OR apneahypopnea* OR apnoeic)
3	sleep*[tw] AND disorder*[tw] AND breath*[tw]
4	OSA[tw] OR OSAH[tw] OR OSAS[tw] OR SAHS[tw] OR SHS[tw] OR OSAHS[tw] OR SDB[tw]
5	#1 OR #2 OR #3 OR #4
6	"Myocardial Ischemia"[Mesh]
7	myocard*[tw] AND (ischaemia[tw] OR ischemia[tw])
8	angina[tw] AND (unstable[tw] OR stable[tw])
9	preinfarction[tw] AND angina[tw]
10	coronary[tw] AND disease*[tw]
11	acute[tw] AND coronary[tw] AND syndrome*[tw] OR acute coronary syndrome*[tw]
12	(myocard*[tw] OR heart[tw]) AND infarct*[tw]
13	CAD[tw] OR CHD[tw] OR ACS[tw] OR non-ST[tw] OR NSTEMI[tw] OR n-STEMI[tw] OR non-STEMI[tw] OR nonSTEMI[tw] OR NSTEMIACS[tw] OR STEMI[tw]
14	#6 OR #7 OR #8 OR #9 OR #10 OR #11 OR #12 OR #13
15	"Continuous Positive Airway Pressure"[Mesh]
16	positive[tw] AND airway[tw] AND pressure[tw]

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17 airway[tw] AND pressure[tw] AND release[tw] AND ventilation[tw]  
18 CPAP[tw] OR nCPAP[tw] OR APRV[tw] OR biPAP[tw] OR APAP[tw] OR  
auto-CPAP[tw]  
19 #15 OR #16 OR #17 OR #18  
20 randomized controlled trial [pt]  
21 controlled clinical trial [pt]  
22 randomized [tiab]  
23 placebo [tiab]  
24 randomly [tiab]  
25 trial [tiab]  
26 #20 OR #21 OR #22 OR #23 OR #24 OR #25  
27 #5 AND #19 AND #26

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**Supplemental Table 2. Quality assessment of included RCTs**

<b>Source</b>	<b>Sequence generation</b>	<b>Allocation concealment</b>	<b>Blinding of participants and personnel</b>	<b>Blinding of assessors</b>	<b>Incomplete outcome data</b>	<b>Selective outcome reporting</b>	<b>Other sources of bias</b>
Huang 2015	Low	Low	High	Low	Low	Low	Low
Peker 2016	Low	Low	High	Low	Low	Low	Low
McEvoy 2016	Low	Low	High	Low	Low	Low	Low
Manuel 2019	Low	Low	High	Low	Low	Low	Low