

**Table S1**—Search strategy.

#	Query
1	(Obstructive sleep apnea or obstructive sleep apnoea*).mp. [mp=ti, ot, ab, sh, hw, kw, tx, ct, tn, dm, mf, dv, fx, dq, nm, kf, ox, px, rx, an, ui, sy]
2	(Polysomnogram or sleep study).mp.
3	Metric*.mp.
4	Heart rate variability.mp.
5	Pulse transit time.mp.
6	K-complex.mp.
7	Cardiopulmonary coupling.mp.
8	Hypoxic burden.mp.
9	("Odds ratio product" or "ORP").mp.
10	Pulse oximetry data.mp.
11	Arousal intensity.mp.
12	Cyclic alternating patterns.mp.
13	Respiration features.mp.
14	Inspiratory flow shape.mp.
15	Sleep EEG power.mp.
16	Sleep spindles density.mp.
17	Event duration.mp.
18	3 or 4 or 5 or 6 or 7 or 8 or 9 or 10 or 11 or 12 or 13 or 14 or 15 or 16 or 17
19	1 and 2 and 18 (EMBASE, MEDLINE, and the Cochrane Database)
20	Limit 19 to year="2000 - Current"