

# Autonomic function in sleep apnea patients: increased REM sleep in obese patients

Sleep and Breathing

11, 53-60

DOI: [10.1007/s11325-006-0083-9](https://doi.org/10.1007/s11325-006-0083-9)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Continuous Positive Airway Pressure Therapy Improves Cardiovascular Autonomic Function for Persons With Sleep-Disordered Breathing. <i>Chest</i> , 2008, 133, 86-91.	0.4	35
2	Heart rate variability during sleep and sleep apnoea in a population based study of 387 women. <i>Clinical Physiology and Functional Imaging</i> , 2009, 29, 309-315.	0.5	35
3	Evidence that the Degree of Obstructive Sleep Apnea May Not Increase Myocardial Ischemia and Arrhythmias in Patients With Stable Coronary Artery Disease. <i>Clinics</i> , 2009, 64, 223-230.	0.6	13
4	Heart rate increment analysis is not effective for sleep-disordered breathing screening in patients with chronic heart failure. <i>Journal of Sleep Research</i> , 2010, 19, 131-138.	1.7	11
5	Psychological and behavioral factors in patients with comorbid obstructive sleep apnea and insomnia. <i>Journal of Psychosomatic Research</i> , 2011, 70, 355-361.	1.2	55
6	Autonomic imbalance: prophet of doom or scope for hope?. <i>Diabetic Medicine</i> , 2011, 28, 643-651.	1.2	172
7	New Automated Detection Method of OSA Based on Artificial Neural Networks Using P-Wave Shape and Time Changes. <i>Journal of Medical Systems</i> , 2011, 35, 723-734.	2.2	7
8	Overt and Latent Cardiac Effects of Ozone Inhalation in Rats: Evidence for Autonomic Modulation and Increased Myocardial Vulnerability. <i>Environmental Health Perspectives</i> , 2012, 120, 348-354.	2.8	39
9	Changes in the Heart Rate Variability in Patients with Obstructive Sleep Apnea and Its Response to Acute CPAP Treatment. <i>PLoS ONE</i> , 2012, 7, e33769.	1.1	79
10	Respiratory effort-related arousals contribute to sympathetic modulation of heart rate variability. <i>Sleep and Breathing</i> , 2013, 17, 1193-1200.	0.9	28
11	Electrocardiogram Pattern Recognition and Analysis Based on Artificial Neural Networks and Support Vector Machines: A Review. <i>Journal of Healthcare Engineering</i> , 2013, 4, 465-504.	1.1	62
12	Heart Rate Variability in Obstructive Sleep Apnea.. <i>International Journal of Biomedical and Advance Research</i> , 2013, 4, 420.	0.1	2
13	Increased cardio-respiratory coupling evoked by slow deep breathing can persist in normal humans. <i>Respiratory Physiology and Neurobiology</i> , 2014, 204, 99-111.	0.7	45
14	Chronic Intermittent Hypoxia and Hypercapnia Inhibit the Hypothalamic Paraventricular Nucleus Neurotransmission to Parasympathetic Cardiac Neurons in the Brain Stem. <i>Hypertension</i> , 2014, 64, 597-603.	1.3	29
15	Primary Care Sleep Medicine. , 2014, , .		12
16	Cardiac autonomic control in the obstructive sleep apnea. <i>Libyan Journal of Medicine</i> , 2015, 10, 26989.	0.8	21
17	Chronic intermittent hypoxia alters neurotransmission from lateral paragigantocellular nucleus to parasympathetic cardiac neurons in the brain stem. <i>Journal of Neurophysiology</i> , 2015, 113, 380-389.	0.9	17
18	Long-term continuous positive airway pressure therapy improves cardiac autonomic tone during sleep in patients with obstructive sleep apnea. <i>Clinical Autonomic Research</i> , 2015, 25, 225-232.	1.4	30

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19	Comparative electrocardiographic, autonomic and systemic inflammatory responses to soy biodiesel and petroleum diesel emissions in rats. <i>Inhalation Toxicology</i> , 2015, 27, 564-575.	0.8	18
20	Role of Autonomic Reflex Arcs in Cardiovascular Responses to Air Pollution Exposure. <i>Cardiovascular Toxicology</i> , 2015, 15, 69-78.	1.1	101
21	Bradyarrhythmias in the obstructive sleep apnea syndrome: a dangerous complication or defense mechanism?. <i>Journal of Evolutionary Biochemistry and Physiology</i> , 2016, 52, 305-312.	0.2	1
22	Application of intrinsic band function technique for automated detection of sleep apnea using HRV and EDR signals. <i>Biocybernetics and Biomedical Engineering</i> , 2018, 38, 136-144.	3.3	46
23	The Role of the Autonomic Nervous System in Cardiovascular Toxicity. , 2018, , 61-114.		2
24	The impact of continuous positive airway pressure on heart rate variability in obstructive sleep apnea patients during sleep: A meta-analysis. <i>Heart and Lung: Journal of Acute and Critical Care</i> , 2018, 47, 516-524.	0.8	20
25	The association between obstructive sleep apnea during REM sleep and autonomic dysfunction as measured by heart rate variability. <i>Sleep and Breathing</i> , 2019, 23, 865-871.	0.9	11
26	Heart Rate Variability in the Diagnostics and CPAP Treatment of Obstructive Sleep Apnea. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1176, 25-33.	0.8	11
27	Automated detection of sleep apnea using sparse residual entropy features with various dictionaries extracted from heart rate and EDR signals. <i>Computers in Biology and Medicine</i> , 2019, 108, 20-30.	3.9	47
28	Impact of CPAP on LF Power, HF Power and LFâ€“HF Ratio in Patients with Severe OSA During Split Night Study. <i>Sleep and Vigilance</i> , 2020, 4, 23-28.	0.4	0
29	Association between autonomic function and obstructive sleep apnea: A systematic review. <i>Sleep Medicine Reviews</i> , 2021, 57, 101470.	3.8	23
30	The Different Facets of Heart Rate Variability in Obstructive Sleep Apnea. <i>Frontiers in Psychiatry</i> , 2021, 12, 642333.	1.3	26
31	Effects of Sleep Deprivation on Action Potential and Transient Outward Potassium Current in Ventricular Myocytes in Rats. <i>Medical Science Monitor</i> , 2015, 21, 542-549.	0.5	4
33	Evidence for Mechanisms Linking Obstructive Sleep Apnea to Cardiovascular Disease. , 2014, , 153-162.		0
34	Relationship between Sleep Stages and HRV response in Obstructive Sleep Apnea Patients. , 2021, 2021, 5535-5538.		0
35	Heart rate variability in obstructive sleep apnea patients with CPAP. <i>Sleep and Biological Rhythms</i> , 2023, 21, 131-132.	0.5	0
36	Effects of obstructive sleep apnea during rapid eye movement sleep on cardiac autonomic dysfunction: Results from the Shanghai sleep health study cohort. <i>Journal of Sleep Research</i> , 2023, 32, .	1.7	2