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Sleep-related breathing disorders in adults: recommendations for syndrome definition and measurement techniques in clinical research. The Report of an American Academy of Sleep Medicine Task Force

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#	Paper	IF	Citations
1621	Methodology and Clinical Decisions. <i>Sleep and Breathing</i> , 1999 , 3, 73-74	3.1	
1620	Recent Developments in Oral Appliance Therapy of Sleep Disordered Breathing. <i>Sleep and Breathing</i> , 1999 , 3, 103-106	3.1	30
1619	Systematic comparison of different algorithms for apnoea detection based on electrocardiogram recordings. 2002 , 40, 402-7		300
1618	Apnea-related heart rate variability and its clinical utility in congestive heart failure outpatients. 2002 , 7, 127-32		8
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1616	Changes in depressive symptoms after continuous positive airway pressure treatment for obstructive sleep apnea. <i>Sleep and Breathing</i> , 2003 , 7, 31-42	3.1	80
1615	Reactive oxygen metabolites (ROMs) as an index of oxidative stress in obstructive sleep apnea patients. <i>Sleep and Breathing</i> , 2003 , 7, 105-10	3.1	110
1614	Obstructive sleep apnea in a referral population in India. <i>Sleep and Breathing</i> , 2003 , 7, 177-84	3.1	3
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1391	Sleep disordered breathing in chronic heart failure. 2009 , 14, 89-99		17
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1207	Quality of life, compliance, sleep and nasopharyngeal side effects during CPAP therapy with and without controlled heated humidification. <i>Sleep and Breathing</i> , 2011 , 15, 479-85	3.1	34
1206	Changes in cerebral hemoglobin indices in obstructive sleep apnea syndrome with nasal continuous positive airway pressure treatment. <i>Sleep and Breathing</i> , 2011 , 15, 487-92	3.1	18
1205	Evaluation of auto bi-level algorithm to treat pressure intolerance in obstructive sleep apnea. <i>Sleep and Breathing</i> , 2011 , 15, 301-9	3.1	14
1204	Bronchial hyperreactivity and airway wall thickening in obstructive sleep apnea patients. <i>Sleep and Breathing</i> , 2011 , 15, 341-50	3.1	27
1203	Facial patterns and primary nocturnal enuresis in children. <i>Sleep and Breathing</i> , 2011 , 15, 221-7	3.1	35
1202	Long-term surgical cure of severe obstructive sleep apnea in an adult patient with craniofacial dysostosis (Crouzon syndrome): a case report and literature review. <i>Sleep and Breathing</i> , 2011 , 15, 239-48	3.1	2
1201	Mechanisms of nocturnal gastroesophageal reflux events in obstructive sleep apnea. <i>Sleep and Breathing</i> , 2011 , 15, 561-70	3.1	44
1200	Effects of obstructive sleep apnea on serum brain-derived neurotrophic factor protein, cortisol, and lipid levels. <i>Sleep and Breathing</i> , 2011 , 15, 649-56	3.1	21
1199	Prediction of obstructive sleep apnea syndrome in a large Greek population. <i>Sleep and Breathing</i> , 2011 , 15, 657-64	3.1	24
1198	Adaptive pressure support servoventilation: a novel treatment for residual sleepiness associated with central sleep apnea events. <i>Sleep and Breathing</i> , 2011 , 15, 695-9	3.1	7
1197	Mandibular exercises improve mandibular advancement device therapy for obstructive sleep apnea. <i>Sleep and Breathing</i> , 2011 , 15, 717-27	3.1	39
1196	The Serbian version of the Epworth Sleepiness Scale. <i>Sleep and Breathing</i> , 2011 , 15, 775-80	3.1	11
1195	Diagnosis and initiation of nasal continuous positive airway pressure therapy for OSAS without a preceding sleep study?. <i>Sleep and Breathing</i> , 2011 , 15, 791-7	3.1	5
1194	Use of high-frequency peak in spectral analysis of heart rate increment to improve screening of obstructive sleep apnoea. <i>Sleep and Breathing</i> , 2011 , 15, 837-43	3.1	7
1193	Total antioxidant status in patients with obstructive sleep apnea without comorbidities: the role of the severity of the disease. <i>Sleep and Breathing</i> , 2011 , 15, 861-6	3.1	29
1192	Swallowing dysfunction related to obstructive sleep apnea: a nasal fibroscopy pilot study. <i>Sleep and Breathing</i> , 2011 , 15, 209-13	3.1	38
1191	Decreased retinal nerve fiber layer thickness in patients with obstructive sleep apnea/hypopnea syndrome. 2011 , 249, 585-93		68

1190	Drug-induced sleep endoscopy: conventional versus target controlled infusion techniques--a randomized controlled study. 2011 , 268, 457-62	85
1189	Complications of hyoid suspension in the treatment of obstructive sleep apnea syndrome. 2011 , 268, 631-5	11
1188	Clinical significance of periodic leg movements during sleep in rapid eye movement sleep behavior disorder. 2011 , 258, 1971-8	17
1187	Sleep disturbances in untreated Parkinson's disease. 2011 , 258, 2254-9	37
1186	Tension-type headache and sleep apnea in the general population. 2011 , 12, 63-9	23
1185	Migraine and sleep apnea in the general population. 2011 , 12, 55-61	49
1184	Cardiovascular implications in the treatment of obstructive sleep apnea. 2011 , 4, 53-60	36
1183	Obstructive sleep apnea: its prevention and screening may contribute to the prevention of hypertension, diabetes and cardiovascular diseases. 2011 , 2, 83-9	12
1182	Sleep apnea determines soluble TNF- α receptor 2 response to massive weight loss. 2011 , 21, 1413-23	18
1181	Asymptomatic sleep abnormalities are a common early feature in patients with Huntington's disease. 2011 , 11, 211-7	76
1180	Sleep study, respiratory mechanics, chemosensitive response and quality of life in morbidly obese patients undergoing bariatric surgery: a prospective, randomized, controlled trial. 2011 , 11, 28	4
1179	Hepatic oxidative stress in an animal model of sleep apnoea: effects of different duration of exposure. 2011 , 10, 1	20
1178	Sleep quality in mechanically ventilated patients: comparison between NAVA and PSV modes. 2011 , 1, 42	57
1177	Treatment of obstructive sleep apnea improves cardiometabolic function in young obese women with polycystic ovary syndrome. 2011 , 96, 365-74	80
1176	Studying Life Effects & Effectiveness of Palatopharyngoplasty (SLEEP) study: subjective outcomes of isolated uvulopalatopharyngoplasty. 2011 , 144, 623-31	31
1175	High prevalence of obstructive sleep apnea and its association with renal function among nondialysis chronic kidney disease patients in Japan: a cross-sectional study. 2011 , 6, 995-1000	92
1174	Improved Sleep Efficiency after Anti-Tumor Necrosis Factor α Therapy in Rheumatoid Arthritis Patients. 2011 , 3, 227-33	40
1173	Sleep-disordered breathing, hypoxia, and risk of mild cognitive impairment and dementia in older women. 2011 , 306, 613-9	608

1172	Patients with obstructive sleep apnea exhibit impaired endothelial function after myocardial infarction. 2011 , 140, 62-67		27
1171	Virtual humans versus standardized patients: which lead residents to more correct diagnoses?. 2011 , 86, 384-8		14
1170	Cerebral oxygenation in wake and during sleep and its relationship to cognitive function in community-dwelling older adults without sleep disordered breathing. 2011 , 66, 150-6		24
1169	Associations of sleep disturbance and duration with metabolic risk factors in obese persons with type 2 diabetes: data from the Sleep AHEAD Study. <i>Nature and Science of Sleep</i> , 2012 , 4, 143-50	3.6	10
1168	Etiopathogenetic mechanisms of pulmonary hypertension in sleep-related breathing disorders. 2012 , 2012, 273591		23
1167	Intermittent hypoxia inhibits clearance of triglyceride-rich lipoproteins and inactivates adipose lipoprotein lipase in a mouse model of sleep apnoea. 2012 , 33, 783-90		102
1166	Sleep-disordered breathing in multiple sclerosis. 2012 , 79, 929-36		82
1165	High STOP-Bang score indicates a high probability of obstructive sleep apnoea. 2012 , 108, 768-75		589
1164	Leukotriene B4 pathway activation and atherosclerosis in obstructive sleep apnea. 2012 , 53, 1944-51		27
1163	Independent association between obstructive sleep apnea severity and glycated hemoglobin in adults without diabetes. 2012 , 35, 1902-6		62
1162	Respiratory complications of obesity. 2012 , 12, 75-8		22
1161	Fatigue, tiredness, lack of energy, and sleepiness in multiple sclerosis patients referred for clinical polysomnography. 2012 , 2012, 673936		24
1160	Nonalcoholic steatohepatitis in bariatric patients with a diagnosis of obstructive sleep apnea. 2012 , 5, 587-96		10
1159	The effect of continuous positive airway pressure treatment for obstructive sleep apnea syndrome on the ocular surface. 2012 , 31, 604-8		34
1158	Magnetic resonance spectroscopy and neurocognitive dysfunction in obstructive sleep apnea before and after CPAP treatment. <i>Sleep</i> , 2012 , 35, 41-8	1.1	82
1157	Sleep is associated with the metabolic syndrome in a multi-ethnic cohort of midlife women: the SWAN Sleep Study. <i>Sleep</i> , 2012 , 35, 783-90	1.1	87
1156	AASM criteria for scoring respiratory events: interaction between apnea sensor and hypopnea definition. <i>Sleep</i> , 2012 , 35, 425-32	1.1	49
1155	Effects of continuous positive airway pressure on neurocognitive function in obstructive sleep apnea patients: The Apnea Positive Pressure Long-term Efficacy Study (APPLES). <i>Sleep</i> , 2012 , 35, 1593-602	1.1	255

1154	The impact of a telemedicine monitoring system on positive airway pressure adherence in patients with obstructive sleep apnea: a randomized controlled trial. <i>Sleep</i> , 2012 , 35, 477-81	1.1	125
1153	Control of OSA during automatic positive airway pressure titration in a clinical case series: predictors and accuracy of device download data. <i>Sleep</i> , 2012 , 35, 1277-83A	1.1	17
1152	Repeated melatonin supplementation improves sleep in hypertensive patients treated with beta-blockers: a randomized controlled trial. <i>Sleep</i> , 2012 , 35, 1395-402	1.1	68
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1149	Sleep apnea and atrial fibrillation; 2012 update. 2012 , 8, 265-72		48
1148	Esophageal pressures, polysomnography, and neurobehavioral outcomes of adenotonsillectomy in children. 2012 , 142, 101-110		28
1147	Effect of obstructive sleep apnea on heart rate, heart rate recovery and QTc and P-wave dispersion in newly diagnosed untreated patients. 2012 , 344, 180-5		22
1146	Sleep-disordered breathing and cancer mortality: results from the Wisconsin Sleep Cohort Study. 2012 , 186, 190-4		287
1145	Exploration of the relationship between sleep position and isolated tongue base or multilevel surgery in obstructive sleep apnea. 2012 , 269, 2129-36		18
1144	Assessment of subclinical left ventricular dysfunction in obstructive sleep apnea patients with speckle tracking echocardiography. 2012 , 28, 1917-30		18
1143	Influence of the right- versus left-sided sleeping position on the apnea-hypopnea index in patients with sleep apnea. <i>Sleep and Breathing</i> , 2012 , 16, 617-20	3.1	10
1142	C-reactive protein and heart rate recovery in middle-aged men with severe obstructive sleep apnea. <i>Sleep and Breathing</i> , 2012 , 16, 629-37	3.1	17
1141	Coexistence of obstructive sleep apnoea and metabolic syndrome is independently associated with left ventricular hypertrophy and diastolic dysfunction. <i>Sleep and Breathing</i> , 2012 , 16, 677-84	3.1	17
1140	Nasal versus oronasal continuous positive airway pressure masks for obstructive sleep apnea: a pilot investigation of pressure requirement, residual disease, and leak. <i>Sleep and Breathing</i> , 2012 , 16, 709-16	3.1	49
1139	Mal-effects of obstructive sleep apnea on the heart. <i>Sleep and Breathing</i> , 2012 , 16, 717-22	3.1	19
1138	Effects of exercise training associated with continuous positive airway pressure treatment in patients with obstructive sleep apnea syndrome. <i>Sleep and Breathing</i> , 2012 , 16, 723-35	3.1	35
1137	Continuous positive airway pressure intolerance associated with elevated nasal resistance is possible mechanism of complex sleep apnea syndrome. <i>Sleep and Breathing</i> , 2012 , 16, 747-52	3.1	14

1136	Effect of transnasal insufflation on sleep disordered breathing in acute stroke: a preliminary study. <i>Sleep and Breathing</i> , 2012 , 16, 759-64	3.1	17
1135	Obstructive sleep apnea in epilepsy: a preliminary Egyptian study. <i>Sleep and Breathing</i> , 2012 , 16, 765-71	3.1	12
1134	Auto bi-level pressure relief-PAP is as effective as CPAP in OSA patients--a pilot study. <i>Sleep and Breathing</i> , 2012 , 16, 773-9	3.1	21
1133	Peculiarities of clinical profile of snoring and mild to moderate obstructive sleep apnea-hypopnea syndrome patients. <i>Sleep and Breathing</i> , 2012 , 16, 835-43	3.1	11
1132	Detection of postoperative sleep-disordered breathing using a portable monitoring device. <i>Sleep and Breathing</i> , 2012 , 16, 881-6	3.1	2
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1130	Polysomnography in stable COPD under non-invasive ventilation to reduce patient-ventilator asynchrony and morning breathlessness. <i>Sleep and Breathing</i> , 2012 , 16, 1081-90	3.1	57
1129	Sleep apnea, heart failure, and sleep position. <i>Sleep and Breathing</i> , 2012 , 16, 933-5	3.1	6
1128	Longitudinal analyses of polysomnographic variables, serum androgens, and parameters of glucose metabolism in obese adolescents with polycystic ovarian syndrome. <i>Sleep and Breathing</i> , 2012 , 16, 1139-46	3.1	6
1127	Obstructive sleep apnea and kidney disease: is there any direct link?. <i>Sleep and Breathing</i> , 2012 , 16, 1009-16	3.1	30
1126	Adherence to continuous positive airway pressure therapy in obstructive sleep apnea syndrome: effect of visual education. <i>Sleep and Breathing</i> , 2012 , 16, 1193-200	3.1	28
1125	Classification of sleep disorders. 2012 , 9, 687-701		183
1124	Prognostic impact of sleep-disordered breathing and its treatment with nocturnal ventilation for chronic heart failure. 2012 , 14, 1009-19		94
1123	Obstructive sleep apnea syndrome (OSAS) and hypertension: pathogenic mechanisms and possible therapeutic approaches. 2012 , 117, 370-82		51
1122	Is obstructive sleep apnea associated with cortisol levels? A systematic review of the research evidence. 2012 , 16, 243-9		51
1121	Cephalometric assessment of craniofacial morphology in Japanese male patients with obstructive sleep apnea-hypopnea syndrome. 2012 , 10, 162-168		10
1120	A method for estimating normative distributions for study-specific populations of clinical trials. 2012 , 33, 445-9		1
1119	Risk of post-tonsillectomy hemorrhage by clinical diagnosis. 2012 , 122, 2311-5		52

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1117	Daytime sleepiness in Japanese patients with multiple system atrophy: prevalence and determinants. 2012 , 12, 130		21
1116	Bax/Mcl-1 balance affects neutrophil survival in intermittent hypoxia and obstructive sleep apnea: effects of p38MAPK and ERK1/2 signaling. 2012 , 10, 211		26
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1110	Cognition in obstructive sleep apnea-hypopnea syndrome (OSAS): current clinical knowledge and the impact of treatment. 2012 , 14, 180-93		57
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1081	Sleep apnea does not predict atrial flutter recurrence after atrial flutter ablation. 2012 , 34, 73-8		8
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1079	Obstructive sleep apnea symptoms beyond sleepiness and snoring: effects of nasal APAP therapy. <i>Sleep and Breathing</i> , 2012 , 16, 361-6	3.1	32
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1075	Sleep in patients with large pleural effusion: impact of thoracentesis. <i>Sleep and Breathing</i> , 2012 , 16, 483-91	3.1	10
1074	The effect of one night of continuous positive airway pressure therapy on oxidative stress and antioxidant defense in hypertensive patients with severe obstructive sleep apnea. <i>Sleep and Breathing</i> , 2012 , 16, 499-504	3.1	21
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1069	Health effects of identifying patients with undiagnosed obstructive sleep apnea in the preoperative clinic: a follow-up study. 2012 , 59, 544-55		28
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1031	Low serum copeptin levels in patients with obstructive sleep apnea. <i>Sleep and Breathing</i> , 2013 , 17, 1187-92		13
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1029	Angiotensin-converting enzyme gene polymorphism in north Indian population with obstructive sleep apnea. <i>Sleep and Breathing</i> , 2013 , 17, 1029-37	3.1	9

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1020	Controlled trial of combined radiofrequency-assisted uvulopalatoplasty in the treatment of snoring and mild to moderate OSAS (pilot study). <i>Sleep and Breathing</i> , 2013 , 17, 695-703	3.1	6
1019	Measurement of dyspnea in patients with obstructive sleep apnea. <i>Sleep and Breathing</i> , 2013 , 17, 753-61	3.1	14
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1015	Gender and age influence the effects of slow-wave sleep on respiration in patients with obstructive sleep apnea. <i>Sleep and Breathing</i> , 2013 , 17, 51-6	3.1	24
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1013	Elevated fractalkine in patients with obstructive sleep apnea hypopnea syndrome. <i>Sleep and Breathing</i> , 2013 , 17, 203-8	3.1	7
1012	Subjective sleepiness and daytime functioning in bariatric patients with obstructive sleep apnea. <i>Sleep and Breathing</i> , 2013 , 17, 267-74	3.1	29
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1004	Sleep apnea treatment after stroke (SATS) trial: is it feasible?. 2013 , 22, 1216-24		49
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1000	Respiratory mechanics and ventilatory control in overlap syndrome and obesity hypoventilation. 2013 , 14, 132		29
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997	Understanding the metabolic syndrome: a modeling perspective. 2013 , 6, 143-55		14
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994	The impact of spinal cord injury on breathing during sleep. 2013 , 188, 344-54		33
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981	A systematic review of sleep in pediatric pain populations. 2013 , 34, 120-8		135
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609	Lack of heart rate variability during sleep-related apnea in patients with temporal lobe epilepsy (TLE)-an indirect marker of SUDEP?. <i>Sleep and Breathing</i> , 2017 , 21, 163-172	3.1	10
608	Oral appliance therapy versus nasal continuous positive airway pressure in obstructive sleep apnea: a randomized, placebo-controlled trial on psychological distress. 2017 , 21, 2371-2378		4
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