

**78.** Siwasaranond N, Nimitphong H, Saetung S, Chirakalwasan N, Ongphiphadhanakul B, & Reutrakul S. **Shorter sleep duration is associated with poorer glycemic control in type 2 diabetes patients with untreated sleep-disordered breathing.** *Sleep Breath* 2015 Aug 23. PMID:26298194 (Art541)

**77.** Garg N, Rolle AJ, Lee TA, & Prasad B. **Home-based diagnosis of obstructive sleep apnea in an urban population.** *J Clin Sleep Med* 2014 Aug 15;10(8):879-85. PMID:25126034 (Art502)

**76.** Pinto JA, Mello de Godoy LB, Ribeiro RC, Mizoguchi EI, Medeiros Hirsch LA, & Gomes LM. **Accuracy of peripheral arterial tonometry in the diagnosis of obstructive sleep apnea.** *Braz J Otorhinolaryngol* 2015 Sep-Oct;81(5):473-8. PMID:26277832 (Art497)

**75.** Yeh JH, Lin CM, Chiu HC, & Bai CH. **Home sleep study for patients with myasthenia gravis.** *Acta Neurol Scand* 2015 Feb 18 doi: 10.1111/ane.12382 [Epub ahead of print]. PMID:25691116 (Art481)

**74.** Oliveira MG, Garbuio S, Treptow EC, Polese JF, Tufik S, Nery LE, & Bittencourt L. **The use of portable monitoring for sleep apnea diagnosis in adults.** *Expert Rev Respir Med* 2014 Feb;8(1):123-32. PMID:24308652 (Art460)

**73.** Youngstedt SD, Jean-Louis G, Bootzin RR, Kripke DF, Cooper J, Dean LR, Catao F, James S, Vining C, Williams NJ, & Irwin MR. **Chronic moderate sleep restriction in older long sleepers and older average duration sleepers: a randomized controlled trial.** *Contemp Clin Trials* 2013 Sep;36(1):175-86. PMID:23811325 (Art454)

**72.** Kunisaki KM, Brown KE, Fabbrini AE, Wetherbee EE, & Rector TS. **STOP-BANG questionnaire performance in a Veterans Affairs unattended sleep study program.** *Ann Am Thorac Soc* 2014 Feb;11(2):192-7. PMID:24354320 (Art453)

**71.** Park CY, Hong JH, Lee JH, Lee KE, Cho HS, Lim SJ, Kwak JW, Kim KS, & Kim HJ. **Clinical Effect of Surgical Correction for Nasal Pathology on the Treatment of Obstructive Sleep Apnea Syndrome.** *PLoS One* 2014 Jun 4; 9(6):e98765. PMID:24896824 (Art447)

**70.** Safadi A, Etzioni T, Fliss D, Pillar G, & Shapira C. **The Effect of the Transition to Home Monitoring for the Diagnosis of OSAS on Test Availability, Waiting Time, Patients' Satisfaction, and Outcome in a Large Health Provider System.** *Sleep Disord* 2014; 2014:418246. PMID:24876974 (Art446)

**69.** Lande RG. **Sleep problems, posttraumatic stress, and mood disorders among active-duty service members.** *J Am Osteopath Assoc* 2014 Feb;114(2):83-9. PMID:24481800 (Art430)



**Itamar Medical Ltd.**

9 Halamish St. P.O Box 3579, Caesarea 3088900, Israel | T: +972-4-617-7000 | F: +972-4-627-5598

US Toll Free: 1-800-206-6952 | [www.itamar-medical.com](http://www.itamar-medical.com)

68. Aronson D, Nakhleh M, Zeidan-Shwiri T, Mutlak M, Lavie P, & Lavie L. **Clinical implications of sleep disordered breathing in acute myocardial infarction.** *PLoS One* 2014 Feb 11;9(2):e88878. PMID:24523943 (Art428)
67. Körkuyu E, Düzlü M, Karamert R, Tutar H, Yilmaz M, Ciftçi B, & Güven SF. **The efficacy of Watch PAT in obstructive sleep apnea syndrome diagnosis.** *Eur Arch Otorhinolaryngol* 2014 Epub. PMID:24838359 (Art426)
66. Park CY, Hong JH, Lee JH, Lee KE, Cho HS, Lim SJ, Kwak JW, Kim KS, & Kim HJ. **Clinical usefulness of watch-PAT for assessing the surgical results of obstructive sleep apnea syndrome.** *J Clin Sleep Med* 2014 Jan 15;10(1):43-7. PMID:24426819 (Art416)
65. Facco FL, Ouyang DW, Zee PC, Strohl AE, Gonzalez AB, Lim C, & Grobman WA. **Implications of Sleep Disordered Breathing in Pregnancy.** *Am J Obstet Gynecol* 2014 Jun;210(6):559.e1-6 (Epub 2013 Dec 25). PMID:24373947 (Art429)
64. Facco FL, Lappen J, Lim C, Zee PC, & Grobman WA. **Preeclampsia and Sleep-Disordered Breathing: A Case-Control Study.** *Pregnancy Hypertens* 2013 Apr;3(2):133-139. PMID:23997999 (Art427)
63. Sung MW, Lee WH, Wee JH, Lee CH, Kim E, & Kim JW. **Factors associated with hypertrophy of the lingual tonsils in adults with sleep-disordered breathing.** *JAMA Otolaryngol Head Neck Surg* 2013 Jun;139(6):598-603. PMID:23787418 (Art406)
62. Yalamanchali S, Farajian V, Hamilton C, Pott TR, Samuelson CG, & Friedman M. **Diagnosis of Obstructive Sleep Apnea by Peripheral Arterial Tonometry: Meta-analysis.** *JAMA Otolaryngol Head Neck Surg* 2013 Dec;139(12):1343-50. PMID:24158564 (Art395)
61. Weimin L, Rongguang W, Dongyan H, Xiaoli L, Wei J, & Shiming Y. **Assessment of a portable monitoring device WatchPAT 200 in the diagnosis of obstructive sleep apnea.** *Eur Arch Otorhinolaryngol* 2013 Nov;270(12):3099-105. PMID:23708441 (Art392)
60. Rohrmeier C, Herzog M, Ettl T, & Kuehnel TS. **Distinguishing snoring sounds from breath sounds: a straightforward matter?.** *Sleep Breath* 2014 Mar;18(1):169-76 (Epub 2013). PMID:23794052 (Art385)
59. Chai-Coetzer CL, Antic NA, & McEvoy RD. **Ambulatory Models of Care for Obstructive Sleep Apnea: Diagnosis and Management.** *Respirology* 2013 May;18(4):605-15. PMID:23432951 (Art360)
58. Yuceede M, Firat H, Demir A, & Ardic S. **Reliability of the Watch-PAT 200 in Detecting Sleep Apnea in Highway Bus Drivers.** *J Clin Sleep Med* 2013 Apr 15;9(4):339-44. PMID:23585749 (Art333)



57. Kang D, Ye JY, Zheng L, Zhang JB, & Bian QL. **Evaluation of Watch PAT as a diagnosing test for patients with obstructive sleep apnea hypopnea syndrome.** *Zhonghua Er Bi Yan Hou Tou Jing Wai Ke Za Zhi* 2012 Oct;47(10):813-6. PMID:23302161 (Art356)
56. Berger S, Aronson D, Lavie P, & Lavie L. **Endothelial Progenitor Cells in Acute Myocardial Infarction and Sleep Disordered Breathing.** *Am J Respir Crit Care Med* 2013; 187(1):90-8. PMID:23155141 (Art310)
55. Dyugovskaya L, Polyakov A, Cohen-Kaplan V, Lavie P, & Lavie L. **Bax/Mcl-1 balance affects neutrophil survival in intermittent hypoxia and obstructive sleep apnea: effects of p38MAPK and ERK1/2 signaling.** *J Transl Med* 2012; 10(1):211. PMID:23088735 (Art305)
54. Ceylan T, Firat H, Kuran G, Ardiç S, Bilgin E, & Celenk F. **Quick Diagnosis in Obstructive Sleep Apnea Syndrome: WatchPAT-200.** *Iran Red Crescent Med J* 2012; 14(8):475-8. PMID:23105983 (Art303)
53. Tzischinsky O, Cohen A, Doveh E, Epstein R, Ribak J, Klein D, Pillar G, & Lavie P. **Screening for Sleep Disordered Breathing Among Applicants for a Professional Driver's License.** *J Occup Environ Med* 2012; 54(10):1275-1280. PMID:22995810 (Art299)
52. Song CM, Lee CH, Rhee CS, Min YG, & Kim JW. **Analysis of genetic expression in the soft palate of patients with obstructive sleep apnea.** *Acta Otolaryngol* 2012; 132 Suppl 1:S63-8. PMID:22582786 (Art284)
51. Friedman M, Samuelson CG, Hamilton C, Maley A, Taylor D, Kelley K, Pearson-Chauhan K, Hoehne C, Levay AJ, & Venkatesan TK. **Modified adenotonsillectomy to improve cure rates for pediatric obstructive sleep apnea: a randomized controlled trial.** *Otolaryngol Head Neck Surg* 2012; 147(1):132-8. PMID:22412178 (Art283)
50. van Maanen JP, Richard W, Van Kesteren ER, Ravesloot MJ, Laman DM, Hilgevoord AA, & de Vries N. **Evaluation of a new simple treatment for positional sleep apnoea patients.** *J Sleep Res* 2012; 21(3):322-9. PMID:22017727 (Art278)
49. Pang KP, Siow JK, & Tseng P. **Safety of multilevel surgery in obstructive sleep apnea: a review of 487 cases.** *Arch Otolaryngol Head Neck Surg* 2012; 138(4):353-7. PMID:22431863 (Art276)
48. O'Brien LM, Bullough AS, Shelgikar AV, Chames MC, Armitage R, & Chervin RD. **Validation of Watch-Pat-200 against polysomnography during pregnancy.** *J Clin Sleep Med* 2012; 8(3):287-294. PMID:22701386 (Art264)
47. Zhang J, Wang CY, Wang NY, Liu JQ, Du JY, Zhou GX, Yan ZF, Wen XH, Li L, & Liu JF. **Evaluation of a portable device based on peripheral arterial**



**tone in the detection of obstructive sleep apnea.** *Zhonghua Er Bi Yan Hou Tou Jing Wai Ke Za Zhi* 2012; 47(2):112-6. PMID:22455808 (Art257)

**46. Onder NS, Akpınar ME, Yigit O, & Gor AP. Watch peripheral arterial tonometry in the diagnosis of obstructive sleep apnea: Influence of aging.** *Laryngoscope* 2012; 122(6):1409-14. PMID:22522750 (Art255)

**45. Johansson K, Hemmingsson E, Harlid R, Trolle Lagerros Y, Granath F, Rössner S, & Neovius M. Longer term effects of very low energy diet on obstructive sleep apnoea in cohort derived from randomised controlled trial: prospective observational follow-up study.** *BMJ* 2011; 342:d3017. PMID:21632666 (Art285)

**44. Collop NA, Tracy SL, Kapur V, Mehra R, Kuhlmann D, Fleishman SA, & Ojile JM. Obstructive Sleep apnea Devices for Out-Of-Center (OOC) testing: technology Evaluation.** *J Clin Sleep Med* 2011; 7(5):531-48. PMID:22003351 (Art260)

**43. Hedner J, White DP, Malhotra A, Herscovici S, Pittman SD, Zou D, Grote L, & Pillar G. Sleep Staging based on Autonomic Signals: A Multi-Center Validation Study.** *J Clin Sleep Med* 2011; 7: 301-306. PMID:21677901 (Art194)

**42. Zou D, Grote L, Eder DN, Radlinski J, & Hedner J. A double-blind, crossover study of Doxazosin and Enalapril on peripheral vascular tone and nocturnal blood pressure in sleep apnea patients.** *Sleep Med* 2010; 11(3):325-8. PMID:20171140 (Art169)

**41. Choi JH, Kim EJ, Kim YS, Choi J, Kim TH, Kwon SY, Lee HM, Lee SH, Shin C, & Lee SH. Validation study of portable device for the diagnosis of obstructive sleep apnea according to the new AASM scoring criteria: Watch-PAT 100.** *Acta Oto-laryngologica* 2010; 130(7):838-43. PMID:20082567 (Art120)

**40. Wichniak A, Wierzbicka A, Jakubczyk T, & Jernajczyk W. Evaluation of a portable device based on peripheral arterial tone for sleep apnea diagnosis in patients with schizophrenia.** *Sen* 2009; 9 (1-2), 24-30. PMID:N/A (Art159)

**39. Barrera JE, Holbrook AB, Santos J, & Popelka GR. Sleep MRI: novel technique to identify airway obstruction in obstructive sleep apnea.** *Otolaryngol Head Neck Surg* 2009; 140(3):423-5. PMID:19248956 (Art123)

**38. Pepin JL, Tamisier R, Borel JC, Baguet JP, & Levy P. A critical review of peripheral arterial tone and pulse transit time as indirect diagnostic methods for detecting sleep disordered breathing and characterizing sleep structure .** *Curr Opin Pulm Med* 2009; 15(6):550-558. PMID:19724229 (Art103)



**Itamar Medical Ltd.**

9 Halamish St. P.O Box 3579, Caesarea 3088900, Israel | T: +972-4-617-7000 | F: +972-4-627-5598

US Toll Free: 1-800-206-6952 | [www.itamar-medical.com](http://www.itamar-medical.com)

- 37.** Zou D, Grote L, Radlinski J, Eder DN, Lindblad U, & Hedner J. **Nocturnal pulse wave attenuation is associated with office blood pressure in a population based cohort.** *Sleep Med* 2009; 10(8):836-43. PMID:19138556 (Art90)
- 36.** Berry RB, Hill G, Thompson L, McLaurin V, & Randall M. **Portable Monitoring and Autotitration versus Polysomnography for the Diagnosis and Treatment of Sleep Apnea.** *SLEEP* 2008; 31(10):1423-1431. PMID:18853940 (Art71)
- 35.** Lowenstein L, Kenton K, Brubaker L, Pillar G, Undevia N, Mueller ER, & FitzGerald MP. **The relationship between obstructive sleep apnea, nocturia, and daytime overactive bladder syndrome in women.** *Am J Obstet Gynecol* 2008; 198(5): 598e1-5. PMID:18455544 (Art66)
- 34.** Bresler M, Sheffy K, Pillar G, Preiszler M, & Herscovici S. **Differentiating between light and deep sleep stages using an Ambulatory Device Based on Peripheral Arterial Tonometry.** *Physiol Meas* 2008; 29(5): 571-584. PMID:18460762 (Art65)
- 33.** White DP. **Monitoring peripheral arterial tone (PAT) to diagnose sleep apnea in the home.** *J Clin Sleep Med* 2008; 4(1):73. PMID:18350969 (Art63)
- 32.** Fauroux B. **What's new in paediatric sleep?.** *Paediatr Respir Rev* 2007 Mar; 8(1):85-9. PMID:17419982 (Art328)
- 31.** Madani M, Frank M, Lloyd R, & Madani F. **Polysomnography versus Home Sleep Study: Overview and Clinical Application.** *Atlas of the oral and maxillofacial surgery clinics of North America* 2007; 15(2):101-109. PMID:17823071 (Art56)
- 30.** Pang KP, Gourin CG, & Terris DJ. **A comparison of polysomnography and the WatchPAT in the diagnosis of obstructive sleep apnea.** *Otolaryngol Head Neck Surg* 2007; 137(4): 665-668. PMID:17903588 (Art54)
- 29.** Patel MR, Alexander TH, & Davidson TM. **Home sleep testing.** *Otolaryngology* 2007; 18:33-51. PMID:N/A (Art52)
- 28.** O'Brien LM, & Gozal D. **Potential Usefulness of Noninvasive Autonomic Monitoring in Recognition of Arousals in Normal Healthy Children.** *J Clin Sleep Med* 2007; 3(1):41-47. PMID:17557452 (Art47)
- 27.** Herscovici S, Peer A, Papyan S, & Lavie p. **Detecting REM sleep from the finger: automatic REM sleep algorithm based on Peripheral Arterial Tone (PAT) and actigraphy.** *Physiol Meas* 2007; 28(2): 129-140. PMID:17237585 (Art44)
- 26.** Townsend D, Sharma A, Brauer E, Scattarelli D, McEiver J, Eiken T, & Freiberg M. **Assessing Efficacy, Outcomes, and Cost Savings for Patients with Obstructive Sleep Apnea Using Two Diagnostic and**



**Treatment Strategies.** *Sleep Diagnosis and Therapy* 2007; 1(7):1-8. PMID:N/A (Art43)

25. Yang Q, Phillips CL, Melehan KL, Rogers NL, Seale JP, & Grunstein RR. **Effects of short-term CPAP withdrawal on neurobehavioral performance in patients with obstructive sleep apnea.** *Sleep* 2006 Apr; 29(4):545-52. PMID:16676788 (Art326)

24. Itzhaki S, Dorchin H, Clark GT, Lavie I, Lavie P, & Pillar G. **The Effects of One Year Treatment with a Herbst Mandibular Advancement Splint on Sleep Apnea, Oxidative Stress and Endothelial Function.** *Chest* 2007; 131:740-749. PMID:17356088 (Art42)

23. Pittman SD, Pillar G, Berry RB, Malhotra A, MacDonald MM, & White DP. **Follow-Up Assessment of CPAP Efficacy in Patients with Obstructive Sleep Apnea using an Ambulatory Device Based on Peripheral Arterial Tonometry.** *Sleep and Breathing* 2006; 10(3):123-131. PMID:16586136 (Art37)

22. Yinon D, Lowenstein L, Suraya S, Beloosesky R, Zmora O, Malhotra A, & Pillar G. **Pre- eclampsia toxemia is associated with sleep disordered breathing and endothelial dysfunction.** *European Respiratory Journal* 2006; 27(2):328-333. PMID:16452588 (Art35)

21. Zou D, Grote L, Peker Y, Lindblad U, & Hedner J. **Validation a Portable Monitoring Device for Sleep Apnea Diagnosis in a Population Base Cohort Using Synchronized Home Polysomnography.** *SLEEP* 2006; 29(3):367-374. PMID:16553023 (Art34)

20. Penzel T, Kesper K, Ploch T, Becker HF, & Vogelmeier C. **Ambulatory recording of sleep apnea using peripheral arterial tonometry.** *Conf Proc IEEE Eng Med Biol Soc* 2004; 5:3856-9. PMID:17271137 (Art327)

19. Penzel T, Kesper K, Pinnow I, Becker HF, & Vogelmeier C. **Peripheral arterial tonometry, oximetry and actigraphy for ambulatory recording of sleep apnea.** *Physiol Meas* 2004; 25(4):1025-1036. PMID:15382839 (Art31)

18. Hedner J, Pillar G, Pittman DS, Zou D, Grote L, & White D. **A Novel adaptive wrist actigraphy algorithm for Sleep-Wake assessment in sleep apnea patients.** *SLEEP* 2004; 27(8):1560-1566. PMID:15683148 (Art28)

17. Pittman SD, Ayas NT, MacDonald MM, Malhotra A, Fogel RB, & White DP. **Using a Wrist-Worn Device Based on Peripheral Arterial Tonometry to Diagnose Obstructive Sleep Apnea: In-Laboratory and Ambulatory Validation.** *SLEEP* 2004; 27(5):923-933. PMID:15453551 (Art27)

16. Tauman R, O'Brien ML, Mast TB, Holbrook CH, & Gozal D. **Peripheral Arterial Tonometry Events and EEG Arousals in Children.** *SLEEP* 2004; 27(3):502-506. PMID:15164906 (Art26)



**Itamar Medical Ltd.**

9 Halamish St. P.O Box 3579, Caesarea 3088900, Israel | T: +972-4-617-7000 | F: +972-4-627-5598

US Toll Free: 1-800-206-6952 | [www.itamar-medical.com](http://www.itamar-medical.com)

15. Zou D, Grote L, Eder ND, Peker Y, & Hedner J. **Obstructive Apneic Events Induce Alpha-receptor Mediated Digital Vasoconstriction.** *SLEEP* 2004; 27(3):485-489. PMID:15164903 (Art25)
14. Krieger J, Schröder C, & Erhardt C. **Cortical arousal, autonomic arousal Evaluation techniques and clinical importance.** *Rev Neurol (Paris)* 2003 Nov; 159(11 Suppl):6S107-12. PMID:14646811 (Art325)
13. Margel D, White D, & Pillar G. **long-Term intermittent exposure to high ambient CO2 causes respiratory disturbances during sleep in submariners.** *Chest* 2003; 124(5):1716-1723. PMID:14605040 (Art22)
12. Ayas N TA, Pittman S, MacDonald M, & White D. **Assessment of a Wrist-worn Device in the Detection of Obstructive Sleep Apnea.** *Sleep Med* 2003; 4(5):435-442. PMID:14592285 (Art21)
11. Pillar G, Schusheim G, Weiss R, Malhotra A, McCowen KC, Shlitner A, Peled N, & Shehadeh N. **Interactions between hypoglycemia and sleep architecture in children with type 1 diabetes mellitus.** *J Pediatr* 2003; 142(2):163-168. PMID:12584538 (Art18)
10. Bar A, Pillar G, Dvir I, Sheffy J, Schnall RP, & Lavie P. **Evaluation of a Portable Device Based on Peripheral Arterial Tone for Unattended Home Sleep Studies.** *Chest* 2003; 123(3): 695-703. PMID:12628865 (Art16)
9. Pillar G, Bar A, Bettito M, Schnall R, Dvir I, Sheffy J, & Lavie P. **An automatic ambulatory device for detection of AASM defined arousals from sleep: the WP100.** *Sleep Med* 2003; 4(3):207-212. PMID:14592323 (Art15)
8. O'Donnell CP, Allan L, Atkinson P, & Schwartz AR. **The effect of upper airway obstruction and arousal on Peripheral Arterial Tonometry in Obstructive Sleep Apnea.** *Am J Respir Crit Care Med* 2002; 166(7):965-71. PMID:12359655 (Art12)
7. Freimark D, Adler Y, Sheffy J, Schechter D, Schwammenthal E, Motro M, & Lavie P. **Oscillations in peripheral arterial tone in CHF patients: A new marker for Cheyne-Stokes breathing.** *Cardiology* 2002; 98(1-2):21-4. PMID:12373043 (Art11)
6. Pillar G, Bar A, Shlitner A, Schnall RP, Sheffy J, & Lavie P. **Autonomic Arousal Index (AAI): An Automated Detection based on Peripheral Arterial Tonometry.** *SLEEP* 2002; 25(5):543-549. PMID:12150321 (Art8)
5. Dvir I, Adler Y, Freimark D, & Lavie P. **Evidence for fractal correlation properties in the variations of peripheral arterial tone during REM sleep.** *Am J of Physiology* 2002; 283(1):H434-H439. PMID:12063318 (Art7)



4. Penzel T, Brandenburg U, Fricke R, & Peter JH. **New methods for the non-invasive assessment of sympathetic activity during sleep.** *Somnologie* 2002; 6(2):69-73. PMID:N/A (Art6)
3. Lavie P, Schnall RP, Sheffy J, & Shlitner A. **Peripheral Vasoconstriction during REM sleep detected by a novel plethysmographic method.** *Nature Medicine* 2000; 6(6):606. PMID:10835649 (Art3)
2. Lavie P, Shlitner A, Sheffy J, & Schnall RP. **Peripheral Arterial Tonometry: A novel and sensitive non-invasive monitor of brief arousals during sleep.** *IMAJ* 2000; 2(3):246-7. PMID:10774281 (Art2)
1. Schnall RP, Shlitner A, Sheffy J, Kedar R, & Lavie P. **Periodic, Profound Peripheral Vasoconstriction – A New Marker of obstructive Sleep Apnea.** *SLEEP* 1999; 22(7):939-46. PMID:10566912 (Art1)



**Itamar Medical Ltd.**

9 Halamish St. P.O Box 3579, Caesarea 3088900, Israel | T: +972-4-617-7000 | F: +972-4-627-5598

US Toll Free: 1-800-206-6952 | [www.itamar-medical.com](http://www.itamar-medical.com)