

## RESPeRATE® Publication Index

### Peer-Reviewed Full Text Publications

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**Treating hypertension in type II diabetic patients with device-guided breathing: A randomized controlled trial.** MH Schein, B Gavish, T Baevsky, M Kaufman, S Levine, A Nessoning and A Alter. *Journal of Human Hypertension* 2009; 23(5), 325-331.

**Respiration and Blood Pressure.** G Parati, JL Izzo Jr, B Gavish, in *Hypertension Primer*, Fourth Edition. JL Izzo, D Sica and HR Black, Eds. Baltimore, Lippincott, Williams, and Wilkins, 2007; Ch. A43, p136-138.

**Device-Guided Breathing to Lower Blood Pressure: Case Report and Clinical Overview.** W Elliott, J Izzo *Medscape General Medicine*, 2006; 8(3). <http://www.medscape.com/viewarticle/539099> (Access requires free registration.)

**Effect of Device-guided breathing exercise on blood pressure control: Korean multi-center study.** JH Bae et al. *Korean Hypertension Journal*, 2006; 1:19-23

**Graded Blood Pressure Reduction in Hypertensive Outpatients Associated with Use of a Device to Assist with Slow Breathing.** W Elliott, J Izzo, Jr., WB White, D Rosing, CS Snyder, A Alter, B Gavish, HR Black, *J Clin Hypertens*, 2004 6(10): 553-559.

**Nonpharmacologic Treatment of Hypertension by Respiratory Exercise in the Home Setting.** E Meles, C Giannattasio, M Failla, G Gentile, A Capra, G Mancia, *American Journal of Hypertension* 2004, 17:370-374.

**Non-Pharmacological treatment of resistant hypertensives by device-guided slow breathing exercises.** R Viskoper, I Shapira, R Priluck, R Mindlin, L Chornia, A Laszt, D Dicker, B Gavish, A Alter. *American Journal of Hypertension* 2003; Vol 16:484-487.

**Device-guided breathing exercises reduce blood pressure - Ambulatory and home measurements.** T Rosenthal, A Alter, E Peleg, B Gavish. *American Journal of Hypertension* 2001; 14:74-76.

**Breathing-control lowers blood pressure.** E Grossman, A Grossman, MH Schein, R Zimlichman, B Gavish. *Journal of Human Hypertension* 2001; 15:263-269.

**Treating hypertension with a device that slows and regularizes breathing: A randomized, double-blind controlled study.** Schein M, Gavish B, Herz M, Rosner-Kahana D, Naveh P, Knishkowsky B, Zlotnikov E, N Ben-Zvi, RN Melmed, *Journal of Human Hypertension* 2001; 15:271-278.

### Peer-Reviewed Abstracts

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**Device-Guided Paced Breathing Reduces Blood Pressure: Ambulatory and Office Measurements.** L Aydin, A Kürklü, A Şengül, Y Altuntaş, S Erdine. *J Hypertension* 2008; 26 (1), S371.

**Paced breathing independently affects ambulatory blood pressure and an arterial property.** T Rosenthal, S Erdine, A Alter, L Aydin, B Gavish. *J Hypertension* 2008; 26 (1), S466.

**Reduction of Stress By Interactive Device-Guided Paced Breathing in Diabetes with High Blood Pressure: A Randomized Controlled Study.** MH Schein, A Alter, S Levine, T Baevsky, A Nessoning, and B Gavish. *Journal of Hypertension* 2007, 25 (2), S191.

**Treating high blood pressure by device-guided paced-breathing: Do patients from East and West respond differently?** B Gavish, A Alter, and K H Choe. *Journal of Hypertension*, 2006.

**Blood pressure change following 8-week, 15-minute daily treatment with paced breathing guided by a device: A Korean multi-center study.** J H Bae, J H Kim, K H Choe, S P Hong, K S Kim, C H Kim and W H Kim. *Journal of Clinical Hypertension*, 2006, 8 (5), A43.

**Reducing morning surge in blood pressure by device-guided paced-slow breathing.** B Gavish, A Alter, T Rosenthal, and K Kario. *Journal of Hypertension*, 2006.

**The Changes of Noninvasive Hemodynamic Parameters after Device-Guided Slow Breathing Exercise in Hypertensive Patients.** J Y Kim, M S Han, H H Yoo, H M Choe, B S Yoo, S H Lee, J Yoon, and K H Choe. *Journal of Clinical Hypertension*, 2006; 8 (5), A212.

**Does Baseline Systolic Blood Pressure Affect Antihypertensive Efficacy with Device-Guided Breathing Exercise?** K H Choe, J Y Kim, J H Bae, J H Kim, S P Hong, J K Ko, C H Kim, and K S Kim. *Journal of Clinical Hypertension*, 2006; 8 (5), A209.

**Treating high blood pressure by device-guided paced breathing in the home setting: Evidence-based approach.** M Schein, E Grossman, T Rosenthal, C Giannattasio, W Elliott, R Viskoper, A Alter, B Gavish. *British Hypertension Society Annual Meeting, Cambridge, UK*. Sept 2005.

**Reduction of home blood pressures and white coat effect after 8 weeks of device-guided paced breathing.** W Elliott, B Gavish, A Alter, J L. Izzo, and H R. Black. *American Journal of Hypertension*, 2005, 18(5): 211A.

**Slowing Respiration Effectively Suppresses Sympathetic Nerve Activity in Patients with Chronic Heart Failure.** H Asanoi, Y Goso, T Yamazaki, K Yamada, T Kameyama, T Hirai, T Nozawa, and H Inoue. *Circulation Journal*, 2004;68(Suppl I); 184.

**Clinical Benefits of Low Frequency Respiratory Pacing in Heart Failure patients.** G Parati, G Bilo, A Maronati, F Glavina, G Ongaro, A Alter, B Gavish, G Branzi, C Borghi and G Mancia. *Journal of Cardiac Failure*, 2003, 9(5) S97.

**Effect of Respiratory Pacing on CHF Patients with Periodic Breathing.** E Aiolfi, E Robbi, GD Pinna, R Maestri, F Cobelli, A Alter, B Gavish, and MT La Rovere. *Journal of Cardiac Failure*. 2003, 9(5) S59.

**Acute effects of device guided-breathing on cardiovascular parameters and baroreflex sensitivity in normal subjects.** G Parati, F Glavina, G Ongaro, A Maronati, B Gavish, P Castiglioni, M Di Rienzo, G Mancia. *American Journal of Hypertension* 2002; 15(4,2)182A.

## **Additional Related Publications**

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**Device-Guided Paced Breathing in the Home Setting: Effects on Exercise Capacity, Pulmonary and Ventricular Function in Patients With Chronic Heart: A Pilot Study.** G Parati, G Malfatto, S Boarin, G Branzi, G Caldara et al. *Circulation Heart Failure* 2008; 1:178-183.

**Linear relationship between systolic and diastolic blood pressure monitored over 24 h: assessment and correlates.** B Gavish, IZ Ben-Dov, and M Bursztyn. *Journal of Hypertension* 2008; 26(2):199-209.

**Device-Guided Controlled Breathing as a Treatment for Hypertension, A Technology Assessment.** California Technology Assessment Forum (CTAF), October 18, 2006.

**Does Stiffening of Arteries with Elevated Pressure have Functional Significance?** B Gavish, PhD, *Journal of Hypertension* 2006.

**Can 24-Hour Ambulatory Blood Pressure Measurements Provide Pressure-Independent Characteristics of Arteries?** B Gavish, I Z Ben-Dov, and M Bursztyn. *Journal of Hypertension* 2006.

**Clinical applications of breathing regulation: Beyond anxiety management.** C Gilbert. *Behavior Modification* 2003, 27:692-709.