

SphygmoCor Publications in 2007 – A Selection.

1. Afshari R, Maxwell SR, Bateman DN. **Hemodynamic effects of methadone and dihydrocodeine in overdose.** Clin Toxicol 2007,45:763-772. [780] [Link to Abstract](#)
2. Agabiti-Rosei E, Mancia G, O'Rourke MF, *et al.* **Central blood pressure measurements and antihypertensive therapy: a consensus document.** Hypertension 2007,50:154-160. [706] [Link to Abstract](#)
3. Ahuja KD, Robertson IK, Geraghty DP, *et al.* **The effect of 4-week chilli supplementation on metabolic and arterial function in humans.** Eur J Clin Nutr 2007,61:326-333. [736] [Link to Abstract](#)
4. Avalos I, Chung CP, Oeser A, *et al.* **Increased augmentation index in rheumatoid arthritis and its relationship to coronary artery Atherosclerosis** J Rheumatol 2007,34:2388-2394. [795] [Link to Abstract](#)
5. Aznaouridis K, Vlachopoulos C, Dima I, *et al.* **Triglyceride level is associated with wave reflections and arterial stiffness in apparently healthy middle-aged men.** Heart. 2007,93:613-614. [768] [Link to Abstract](#)
6. Balmain S, Padmanabhan N, Ferrell WR, *et al.* **Differences in arterial compliance, microvascular function and venous capacitance between patients with heart failure and either preserved or reduced left ventricular systolic function.** Eur J Heart Fail 2007,9:865-871. [761] [Link to Abstract](#)
7. Bodlaj G, Pichler R, Brandstatter W, *et al.* **Hyperthyroidism affects arterial stiffness, plasma NT-pro-B-type natriuretic peptide levels, and subendocardial perfusion in patients with Graves' disease.** Ann Med 2007,39:608-616. [714] [Link to Abstract](#)
8. Bodlaj G, Berg J, Biesenbach G. **Diurnal variation of pulse wave velocity assessed non-invasively by applanation tonometry in young healthy men.** Yonsei Med J 2007,48:665-670. [775] [Link to Abstract](#)
9. Brahimi M, Le CH, Ouazen Z, *et al.* **[Microalbuminuria, a marker of artery rigidity and cardiac dysfunction].** Arch Mal Coeur Vaiss 2007,100:673-676. [806] [Link to Abstract](#)
10. Casey DP, Pierce GL, Howe KS, *et al.* **Effect of resistance training on arterial wave reflection and brachial artery reactivity in normotensive postmenopausal women.** Eur J Appl Physiol 2007,100:403-408. [759] [Link to Abstract](#)
11. Chen S, Donald AE, Storry C, *et al.* **Impact of aortic stenting on peripheral vascular function and daytime systolic blood pressure in adult coarctation.** Heart 2007, doi:10.1136/hrt.2006.109389 [781] [Link to Abstract](#)
12. Crilly M, Coch C, Clark H, *et al.* **Repeatability of the measurement of augmentation index in the clinical assessment of arterial stiffness using radial applanation tonometry.** Scand J Clin Lab Invest 2007,67:413-422. [701] [Link to Abstract](#)
13. Crilly M, Coch C, Bruce M, *et al.* **Repeatability of central aortic blood pressures measured non-invasively using radial artery applanation tonometry and peripheral pulse wave analysis.** Blood Press. 2007,16:262-269. [800] [Link to Abstract](#)
14. Crilly M, Coch C, Bruce M, *et al.* **Indices of cardiovascular function derived from peripheral pulse wave analysis using radial applanation tonometry: a measurement repeatability study.** Vasc Med 2007,12:189-197. [747] [Link to Abstract](#)

15. Efrati S, Averbukh M, Dishy V, *et al.* **The effect of simvastatin, ezetimibe and their combination on the lipid profile, arterial stiffness and inflammatory markers.** Eur J Clin Pharmacol 2007,63:113-121. [758] [Link to Abstract](#)
16. Ge D, Young TW, Wang X, *et al.* **Heritability of arterial stiffness in black and white American youth and young adults.** Am J Hypertens 2007,20:1065-1072. [699] [Link to Abstract](#)
17. Gordin D, Ronnback M, Forsblom C, *et al.* **Acute hyperglycaemia rapidly increases arterial stiffness in young patients with type 1 diabetes.** Diabetologia 2007,50:1808-1814. [726] [Link to Abstract](#)
18. Hamilton PK, Lockhart CJ, Quinn CE, *et al.* **Arterial stiffness: clinical relevance, measurement and treatment.** Clin Sci (Lond) 2007,113:157-170. [734] [Link to Abstract](#)
19. Hashimoto J, Imai Y, O'Rourke MF. **Indices of pulse wave analysis are better predictors of left ventricular mass reduction than cuff pressure.** Am J Hypertens 2007,20:378-384. [740] [Link to Abstract](#)
20. Heffernan KS, Edwards DG, Rossow L, *et al.* **External mechanical compression reduces regional arterial stiffness.** Eur J Appl Physiol 2007,101:735-741. [770] [Link to Abstract](#)
21. Heffernan KS, Jae SY, Edwards DG, *et al.* **Arterial stiffness following repeated Valsalva maneuvers and resistance exercise in young men.** Appl.Physiol Nutr.Metab. 2007,32:257-264. [787] [Link to Abstract](#)
22. Heffernan KS, Jae SY, Fernhall B. **Racial differences in arterial stiffness after exercise in young men.** Am J Hypertens 2007,20:840-845. [745] [Link to Abstract](#)
23. Heffernan KS, Jae SY, Echols GH, *et al.* **Arterial stiffness and wave reflection following exercise in resistance-trained men.** Med Sci Sports Exerc 2007,39:842-848. [773] [Link to Abstract](#)
24. Hermans MM, Vermeer C, Kooman JP, *et al.* **Undercarboxylated matrix GLA protein levels are decreased in dialysis patients and related to parameters of calcium-phosphate metabolism and aortic augmentation index.** Blood Purif 2007,25:395-401. [724] [Link to Abstract](#)
25. Hewitson CL, Whiting MJ, Barbara JA, *et al.* **Acute effects of haemodialysis on biochemical modulators of endothelial function.** J Intern Med 2007,262:571-580. [782] [Link to Abstract](#)
26. Huck CJ, Bronas UG, Williamson EB, *et al.* **Noninvasive measurements of arterial stiffness: repeatability and interrelationships with endothelial function and arterial morphology measures.** Vasc Health Risk Manag 2007,3:343-349. [801] [Link to Abstract](#)
27. Jatoi NA, Jerrard-Dunne P, Feely, J, *et al.* **Impact of smoking and smoking cessation on arterial stiffness and aortic wave reflection in Hypertension** Hypertension 2007,49:981-985. [703] [Link to Abstract](#)
28. Jerrard-Dunne P, Mahmud A, Feely J. **Circadian blood pressure variation: relationship between dipper status and measures of arterial stiffness.** J Hypertens 2007,25:1233-1239. [790] [Link to Abstract](#)
29. Jiang XJ, O'Rourke MF, Zhang YQ, *et al.* **Superior effect of an angiotensin-converting enzyme inhibitor over a diuretic for reducing aortic systolic pressure.** J Hypertens 2007,25:1095-1099. [791] [Link to Abstract](#)

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31. Kampus P, Kals J, Ristimae T, *et al.* **Augmentation index and carotid intima-media thickness are differently related to age, C-reactive protein and oxidized low-density lipoprotein.** J Hypertens 2007,25:819-825. [786] [Link to Abstract](#)
32. Khaleghi M and Kullo IJ. **Aortic augmentation index is associated with the ankle-brachial index: a community-based study.** Atherosclerosis 2007,195:248-253. [721] [Link to Abstract](#)
33. Knez WL, Sharman JE, Jenkins DG, *et al.* **Central hemodynamics in ultra-endurance athletes.** J Sci Med Sport 2007, doi:10.1016/j.jsams.2006.11.005 [788] [Link to Abstract](#)
34. Kosowicz J, El AZ, Wykretowicz A, *et al.* **[Arterial stiffness in hypopituitary patients with life-long growth hormone deficiency].** Pol Arch Med Wewn 2007,117:221-226. [698] [Link to Abstract](#)
35. Kovaite M, Petrulioniene Z, Ryliskyte L, *et al.* **[Relationship of arterial wall parameters to cardiovascular risk factors and cardiovascular risk assessed by SCORE system].** Medicina (Kaunas) 2007,43:529-541. [713] [Link to Abstract](#)
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37. Li Y, Staessen JA, Lu L, *et al.* **Is isolated nocturnal hypertension a novel clinical entity? Findings from a Chinese population study.** Hypertension 2007,50:333-339. [729] [Link to Abstract](#)
38. Liberts EA, Willoughby SR, Kennedy JA, *et al.* **Effects of perhexiline and nitroglycerin on vascular, neutrophil and platelet function in patients with stable angina pectoris.** Eur J Pharmacol 2007,560:49-55. [762] [Link to Abstract](#)
39. Lind L, Siegbahn A, Hulthe J, *et al.* **C-reactive protein and e-selectin levels are related to vasodilation in resistance, but not conductance arteries in the elderly The prospective investigation of the Vasculature in Uppsala Seniors (PIVUS) study.** Atherosclerosis 2007, doi:10.1016/j.atherosclerosis.2007.09.038 [720] [Link to Abstract](#)
40. Madden KM, Tedder G, Lockhart C. **The oral glucose tolerance test induces myocardial ischemia in healthy older adults.** Clin Invest Med 2007,30:E118-E126. [805] [Link to Abstract](#)
41. Maki-Petaja KM, Booth AD, Hall FC, *et al.* **Ezetimibe and simvastatin reduce inflammation, disease activity, and aortic stiffness and improve endothelial function in rheumatoid arthritis.** J Am Coll Cardiol 2007,50:852-858. [725] [Link to Abstract](#)
42. Maple-Brown LJ, Piers LS, O'Rourke MF, *et al.* **Increased arterial stiffness in remote Indigenous Australians with high risk of cardiovascular disease.** J Hypertens 2007,25:585-591. [796] [Link to Abstract](#)
43. McAllister DA, Maclay JD, Mills NL, *et al.* **Arterial stiffness is independently associated with emphysema severity in patients with chronic obstructive pulmonary disease.** Am J Respir Crit Care Med 2007,176:1208-1214. [731] [Link to Abstract](#)
44. McNulty M, Mahmud A, Feely J. **Advanced glycation end-products and arterial stiffness in Hypertension** Am J Hypertens 2007,20:242-247. [737] [Link to Abstract](#)

45. Nakhai-Pour HR, Grobbee DE, Bots ML, *et al.* **Circulating homocysteine and large arterial stiffness and thickness in a population-based sample of middle-aged and elderly men.** J Hum Hypertens 2007,21:942-948. [803] [Link to Abstract](#)
46. Nakhai-Pour HR, Grobbee DE, Bots ML, *et al.* **C-reactive protein and aortic stiffness and wave reflection in middle-aged and elderly men from the community.** J Hum Hypertens 2007,21:949-955. [802] [Link to Abstract](#)
47. Ostberg JE, Storry C, Donald AE, *et al.* **A dose-response study of hormone replacement in young hypogonadal women: effects on intima media thickness and metabolism.** Clin Endocrinol (Oxf) 2007,66:557-564. [750] [Link to Abstract](#)
48. Papaioannou TG, Karatzis EN, Karatzi KN, *et al.* **Hour-to-hour and week-to-week variability and reproducibility of wave reflection indices derived by aortic pulse wave analysis: implications for studies with repeated measurements.** J Hypertens 2007,25:1678-1686. [797] [Link to Abstract](#)
49. Payne RA, Hilling-Smith RC, Webb DJ, *et al.* **Augmentation index assessed by applanation tonometry is elevated in Marfan Syndrome.** J Cardiothorac Surg 2007,2:43-769] [Link to Abstract](#)
50. Pierce GL, Schofield RS, Nichols WW, *et al.* **Role of heart failure etiology on arterial wave reflection in heart transplant recipients: relation with C-reactive protein.** J Hypertens 2007,25:2273-2279. [792] [Link to Abstract](#)
51. Plantinga Y, Ghiadoni L, Magagna A, *et al.* **Supplementation with vitamins C and E improves arterial stiffness and endothelial function in essential hypertensive patients.** Am J Hypertens 2007,20:392-397. [741] [Link to Abstract](#)
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65. Sharman JE, Haluska BA, Fang ZY, *et al.* **Association of arterial wave properties and diastolic dysfunction in patients with type 2 diabetes mellitus.** Am J Cardiol 2007,99:844-848. [716] [Link to Abstract](#)
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93. Zhu H, Yan W, Ge D, *et al.* **Cardiovascular characteristics in American youth with preHypertension** Am J Hypertens 2007,20:1051-1057. [746] [Link to Abstract](#)
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