

Bibliography of Abstracts and Published Articles

Blood Pressure Waveform Analysis, Arterial Elasticity/Vascular Compliance and Pulse Contour Evaluation

The clinical research studies referenced in this bibliography are based on the methodology and cardiovascular profiling technique incorporated in the HDI/PulseWave™ and CVProfilor® CardioVascular Profiling Systems developed by Hypertension Diagnostics, Inc.

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Bibliography

1. Zobel, L.R.; Finkelstein, S.M.; Carlyle, P.F.; and Cohn, J.N. **“Vasodilator Effects on Vascular Impedance Characteristics.”** FEDERAL PROCEEDINGS 1979.
2. Collins, V.R.; Finkelstein, S.M. and Cohn, J.N. **“Evaluation of a Pulse Contour Technique for Measuring Arterial Elasticity.”** CIRCULATION 62:(Suppl. II), III-1120, 1980.
3. Zobel, L.R.; Finkelstein, S.M.; Carlyle, P.F.; and Cohn, J.N. **“Pressure Pulse Contour Analysis in Determining the Effect of Vasodilator Drugs on Vascular Hemodynamic Impedance Characteristics in Dogs.”** AMERICAN HEART JOURNAL 100:81-88, 1980.
4. Finkelstein, S.M.; Collins, V.R. and Cohn, J.N. **“Vascular Impedance Response to Vasodilator Drugs.”** ALLIANCE of ENGINEERING in MEDICINE and BIOLOGY PROCEEDINGS 23:346, 1981.
5. Finkelstein, S.M.; Collins, V.R. and Cohn, J.N. **“Evidence for Abnormal Vascular Compliance by Pulse Contour Analysis in Congestive Heart Failure.”** CIRCULATION 66:(Suppl. II), 1109, 1982.
6. Finkelstein, S.M.; Collins, V.R. and Cohn, J.N. **“Vascular Impedance Methodology in Congestive Heart Failure.”** (35th Annual Conf.) ALLIANCE of ENGINEERING in MEDICINE and BIOLOGY PROCEEDINGS 24:143, 1982.
7. Finkelstein, S.M. and Collins, V.R. **“Vascular Hemodynamic Impedance Measurement Methods.”** PROGRESS in CARDIOVASCULAR DISEASES 24:(5), 401-418, 1982.
8. Finkelstein, S.M.; Cohn, J.N.; Shelley, W.; Carlyle, P.; and Riendl, S. **“Vascular Impedance in Health, Hypertension, and Heart Failure.”** PROCEEDINGS 36th Annual Conf. ENGINEERING in MEDICINE and BIOLOGY 25:202, 1983.
9. Cohn, J.N.; Finkelstein, S.M. and Collins, V.R. **“Measurement of Vascular Compliance as a Guide to Vasoconstrictor and Vasodilator Stimuli.”** BLOOD VESSELS 20:189, 1983.
10. Finkelstein, S.M.; Cohn, J.N.; Carlyle, P.F.; and Shelley, W.J. **“Impedance Response to Nitroprusside in Heart Failure.”** PROCEEDINGS 37th Annual Conf. ENGINEERING in MEDICINE and BIOLOGY 26:259, 1984.
11. Finkelstein, S.M. and Cohn, J.N. **“Vascular Impedance by Pulse-Contour/Windkessel Analysis.”** A.A.M.I. PROCEEDINGS 19:27, 1984.
12. Finkelstein, S.M.; Cohn, J.N.; Collins, V.R.; Carlyle, P.F.; and Shelley, W.J. **“Vascular Hemodynamic Impedance in Congestive Heart Failure.”** AMERICAN JOURNAL of CARDIOLOGY 55:423-427, 1985.
13. Finkelstein, S.M.; Cohn, J.N.; Collins, Carlyle, P.F.; and Carlyle, W.J. **“Vascular Compliance in Congestive Heart Failure.”** IEEE PROCEEDINGS 7th Annual Conf. ENGINEERING in MEDICINE and BIOLOGY SOCIETY 7:550-553, 1985.
14. Finkelstein, S.M.; Cohn, J.N.; Carlyle, P.F.; and Carlyle, W.J. **“Response of Vascular Compliance to Converting Enzyme Inhibitors in Heart Failure.”** A.A.M.I. PROCEEDINGS 20:29, 1985.
15. Finkelstein, S.M.; Cohn, J.N.; Carlyle, P.F.; and Carlyle, W.J. **“Vascular Compliance Response to Converting Enzyme Inhibitors in Heart Failure.”** CIRCULATION 76:(Suppl. 4), 178, 1987.
16. Mock J.E.; Finkelstein, S.M.; Eaton, J.B.; Hatfield, G.; and Cohn, J.N. **“Vasoconstrictor Mediated Reduction in Vascular Compliance Assessed by Pulse Contour Analysis.”** CIRCULATION 76: (Suppl. 4), 441, 1987.
17. Mock J.E.; Finkelstein, S.M.; Cohn, J.N. Eaton, J.; and Hatfield, G. **“Vascular Compliance Changes in Hypertensive Dogs After Nitroprusside Infusion as Measured by Pulse Contour Analysis.”** Instrument Soc. of Amer. BIOMEDICAL SCIENCES INSTRUMENTATION 23:77-82, 1987.

Bibliography

18. Mock J.E.; Finkelstein, S.M.; Eaton, J.; Hatfield, G.; and Cohn, J.N. **“Vasoconstrictor Drug Effects on Vascular Compliance by Pulse Contour Analysis.”** IEEE ENGINEERING in MEDICINE and BIOLOGY SOCIETY PROCEEDINGS 9:878-880, 1987.
19. Feske, W.; Finkelstein, S.M.; Francis, G.; and Cohn, J.N. **“Arterial Vascular Compliance Response to Exercise in Hypertension.”** Instrument Soc. of Amer. BIOMEDICAL SCIENCES INSTRUMENTATION 24:161-165, 1988.
20. Finkelstein, S.M.; Collins, V.R.; and Cohn, J.N. **“Arterial Vascular Compliance Response to Vasodilators by Fourier and Pulse Contour Analysis.”** HYPERTENSION 12:380-387, 1988.
21. Feske, W.; Finkelstein, S.M.; Francis, G.; Zieske, S.; and Cohn, J.N. **“Vascular Compliance After Nitroprusside in Hypertension.”** IEEE PROCEEDINGS 14th Annual N.E. BIOENGINEERING SYMPOSIUM 14:277-280, 1988.
22. Finkelstein, S.M.; Feske, W.; Mock, J.; Carlyle, P.; Rector, T.; Kubo, S.; and Cohn J.N. **“Vascular Compliance in Hypertension.”** IEEE PROCEEDINGS 10th Annual Int'l. Conf. ENGINEERING in MEDICINE and BIOLOGY SOCIETY 10:241-242, 1988.
23. Feske, W.; Finkelstein, S.M.; Mock, J.E.; Francis, G.S.; and Cohn, J.N. **“Reduced Arterial Compliance in Hypertension.”** Presented by J.N. Cohn at the High Blood Pressure Research Council (Amer. Heart Assn.) meeting in San Francisco, September 1988 -- HYPERTENSION 12:(3), 343, Sept. 1988.
24. Mock, J.E.; Finkelstein, S.M.; Carlyle, P.F.; Feske, W.; and Cohn, J.N. **“Vascular Compliance Changes During the Progression of Hypertension in Dogs.”** Presented by J.E. Mock at the High Blood Pressure Research Council (Amer. Heart Assn.) meeting in San Francisco, September 1988 -- HYPERTENSION 12:(3), 360, Sept. 1988.
25. McVeigh, G.E.; Burns, D.E.; Carlyle, P.F.; Wright, M.; Finkelstein, S.M.; and Cohn, J.N. **“Influence of Age and Blood Pressure on Vascular Compliance.”** Abstract presented at the 4th Scientific Meeting of the American Society of Hypertension, New York, May 1989 AMERICAN JOURNAL of HYPERTENSION 2:72a, 1989.
26. McVeigh, G.E.; Burns, D.E.; Carlyle, P.F.; Finkelstein, S.M.; and Cohn, J.N. **“Vascular Compliance in Essential Hypertension.”** CIRCULATION 80:(Suppl. II), II-594, 1989.
27. McVeigh, G.E.; Burns, D.E.; Carlyle, P.F.; Finkelstein, S.M.; and Cohn, J.N. **“Vascular and Myocardial Changes in Hypertension.”** Abstract presented at the 62nd Scientific Session of the American Heart Association, New Orleans, Nov. 1989.
28. Beltran, E.L.; Blackshear, P.L. and Finkelstein, S.M. **“A Non-Invasive Method for Measuring Regional Peripheral Compliance.”** IEEE PROCEEDINGS ENGINEERING in MEDICINE and BIOLOGY SOCIETY 11:134-135, 1989.
29. Finkelstein, S.M.; McVeigh, G.E.; Burns, D.E.; McDonald, K.M.; Carlyle, P.F.; and Cohn, J.N. **“Reproducibility of Vascular Compliance Measurements.”** IEEE PROCEEDINGS ENGINEERING in MEDICINE and BIOLOGY SOCIETY 11:116-117, 1989.
30. Finkelstein, S.M.; McVeigh, G.E.; Burns, D.E.; Carlyle, P.F.; and Cohn, J.N. **“Arterial Vascular Compliance in Heart Failure.”** IEEE PROCEEDINGS ENGINEERING in MEDICINE and BIOLOGY SOCIETY 12:548-549, Nov. 1990.
31. Finkelstein, S.M.; McVeigh, G.E.; Burns, D.E.; Carlyle, P.F.; and Cohn, J.N. **“Selective Effects of Left Ventricular Failure and Aging on Vascular Compliance.”** CIRCULATION 82:(Suppl. II), III-400, 1990.
32. McVeigh, G.E.; Burns, D.E.; Finkelstein, S.M.; McDonald, K.M.; Mock, J.E.; Feske, W.; Carlyle, P.F.; Flack, J.; Grimm, R.; and Cohn, J.N. **“Reduced Vascular Compliance as a Marker for Essential Hypertension.”** AMERICAN JOURNAL of HYPERTENSION 4:245-251, 1991.

Bibliography

33. Cohn, J.N.; Finkelstein, S.; Kubo, S.; McVeigh, G.; Mc Donald, K.; Burns, D.; and Carlyle, P. **“Vascular Compliance in Heart Failure: A Contributor to Impedance, and Response to Vasodilator Drugs.”** Published in: Basil S. Lewis and Asher Kimchi, Eds., HEART FAILURE_MECHANISMS and MANAGEMENT Springer-Verlag, NY 1991, pp. 42-44.
34. Finkelstein, S.M.; Burns, D.E.; Chen, K.; McVeigh, G.E.; and Cohn, J.N. **“A Comparison of Invasive and Non-Invasive Blood Pressure Measurements of Determining Arterial Vascular Compliance.”** IEEE PROCEEDINGS annual int’l. conference ENGINEERING in MEDICINE and BIOLOGY SOCIETY 13:(5), 2073-2074, 1991.
35. Weber, M.A.; Smith, D.H.G.; Neutel, J.M.; and Graettinger, W.F. **“Arterial Properties of Early Hypertension.”** JOURNAL of HUMAN HYPERTENSION 5:417-423, 1991.
36. Weber, M.A.; Smith, D.H.G.; Neutel, J.M. and Graettinger, W.F. **“Cardiovascular and Metabolic Characteristics of Hypertension.”** AMERICAN JOURNAL of MEDICINE 91:(Suppl. 1A), 4S-10S, July 1991.
37. Cohn, Jay N. **“The Role of Vascular Compliance in Abnormalities of Hypertension and Atherosclerosis.”** Proceedings of a Symposium by the Council on Hypertension and Atherosclerosis Education, La Quinta, CA, January 1991 – Published in a monograph: ATHEROSCLEROSIS BEYOND CHOLESTEROL pp. 55-60, 1992.
38. Weber, M.A. **“Hypertension as a Multiple Risk Factor Syndrome and Implications for Antihypertensive Therapy.”** Proceedings of a Symposium by the Council on Hypertension and Atherosclerosis Education, La Quinta, CA, January 1991 – Published in a monograph: ATHEROSCLEROSIS BEYOND CHOLESTEROL pp. 61-71, 1992.
39. Finkelstein, S.M.; Wennberg, P.; Burns, D.; Yano, T.; and Cohn, J.N. **“Determining Stroke Volume from Arterial Blood Pressure Contour Analysis.”** CLINICAL RESEARCH 40:(2), 438A, 1992.
40. Haidet, G.C.; Wennberg, P.; Cohn, J.N.; and Finkelstein, S.M. **“Effects of Aging on Arterial Compliance in the Beagle.”** CLINICAL RESEARCH 40:(2), 266A, 1992.
41. Finkelstein, S.M. and Cohn, J.N. **“First and Third-Order Models for Determining Arterial Compliance.”** Abstract and Presentation Int’l Society of Hypertension WORKSHOP on ARTERIAL COMPLIANCE “Functional and Structural Properties of Large Arteries,” Paris, March 6-7, 1992 – Published in JOURNAL of HYPERTENSION 10:(Suppl. 6), S11-S14, 1992.
42. Cohn, J.N. and Finkelstein, S.M. **“Abnormalities of Vascular Compliance in Hypertension, Aging and Heart Failure.”** Abstract and Presentation Int’l. Society of Hypertension WORKSHOP on ARTERIAL COMPLIANCE, “Function and Structural Properties of Large Arteries”, Paris, March 6-7, 1992 – Published in JOURNAL of HYPERTENSION 10:(Suppl. 6), S61-S64, 1992.
43. Neutel, J.M.; Smith, D.H.G.; Graettinger, W.F. and Weber, M.A. **“Dependency of Arterial Compliance on Circulating Neuroendocrine and Metabolic Factors in Normal Subjects.”** AMERICAN JOURNAL of CARDIOLOGY 69:1340-1344, May 1992.
44. McVeigh, G.E. **“Arterial Compliance in Health and Disease.”** A Ph.D. thesis submitted as a member of the Department of Therapeutics and Pharmacology, The Queen’s University of Belfast, Belfast, N. Ireland; 129 pages, Summer, 1992. [Dr. McVeigh joined the University of Minnesota Medical School faculty during September 1992].
45. Yaginuma, T. and Cohn, J.N. **“Introduction to Wave Reflection, Wave Travel and Changes with Modification of Geometric and Physical Parameters.”** JOURNAL of HYPERTENSION (Suppl. 10) (6): S71-S72, 1992.
46. Cohn, J.N. **“Pharmacologic Mechanisms of Nitrates in Myocardial Ischemia.”** AMERICAN JOURNAL of CARDIOLOGY 70:(17), 38G-42G, 1992.

Bibliography

47. Simon Yat-Kwoing Chan **“Frequency Domain Resolution of Incident and Reflected Waves in Aorta”** A Plan B Paper submitted to the Graduate Program in Health Informatics at the University of Minnesota (Minneapolis), June 1992.
48. Cohn, J.N. **“Functional Impact of Structural or Tone Changes in Small and Large Arteries.”** Abstract (pages 15 and 16, The Atherosclerotic Blood Vessel) and Presentation A SCIENTIFIC FORUM sponsored by The Council on Hypertension & Atherosclerosis Education and entitled, “Structural and Functional Assessment of the Atherosclerotic Blood Vessel”, San Francisco, CA, July 28-31, 1993.
49. Finkelstein, Stanley M. **“Compliance Measurements Using Pulse Wave Analysis.”** Abstract (pages 32 and 33, The Atherosclerotic Blood Vessel) and Presentation A SCIENTIFIC FORUM sponsored by The Council on Hypertension & Atherosclerosis Education and entitled, “Structural and Functional Assessment of the Atherosclerotic Blood Vessel”, San Francisco, CA, July 28-31, 1993.
50. McVeigh, Gary E.; Finkelstein, Stanley M. and Cohn, Jay N. **“Assessment of Arterial Compliance in Hypertension.”** CURRENT OPINION in NEPHROLOGY and HYPERTENSION 2:82-86, 1993.
51. Cohn, J.N. **“Drugs Used to Control Vascular Resistance and Capacitance.”** In: Schlant, R.C.; Alexander, R.W.; O'Rourke, R.A.; Roberts, R. and Sonnenblick, E.H., Eds. HURST's THE HEART, 8th Edition, McGraw Hill, Inc. 1993, pp. 611-620.
52. Cohn, J.N. **“Methods of Evaluation of Arterial Compliance.”** Published in: Izzo, J.L. and Black, H.R., Eds. HYPERTENSION PRIMER Pub. by Council on High Blood Pressure Research, American Heart Association 1993, Chapter D14, pp. 252-253.
53. Finkelstein, S.M. and Morgan, D. **“Assessment of Vasodilators in the Time and Frequency Domains.”** Abstract and Presentation 2nd Int'l. Symposium entitled, UPDATE in CARDIAC SURGERY, ANESTHESIA and INTENSIVE CARE, Ghent, Belgium, September 21-24, 1993 – Article published in Symposium booklet: pages 47-49.
54. Smith, D.H.G.; Vaziri, N.D; Winer, R.L.; Neutel, J.M.; Graettinger, W.F.; Gonzales, E.; and Weber, M.A. **“The Relationship of Arterial Compliance with Endothelial-Derived Proteins of the Hemostatic System.”** LIFE SCIENCES 52:(12), 1005-1011, 1993.
55. McVeigh, G.; Brennan, G.; Hayes, R.; Cohn, J.; Finkelstein, S.; and Johnston, D. **“Vascular Abnormalities in Non-Insulin-Dependent Diabetes Mellitus Identified by Arterial Waveform Analysis.”** AMERICAN JOURNAL of MEDICINE 95:424-430, October 1993.
56. McVeigh, G.E.; Brennan, G.M; Cohn, J.N.; Finkelstein, S.M.; Hayes, J.R.; and Johnston, G.D. **“Fish Oil Improves Arterial Compliance in Non-Insulin-Dependent Diabetes Mellitus.”** ARTERIOSCLEROSIS and THROMBOSIS 14:(9), 1425-1429, September 1994.
57. Beltran, A.; Morgan, D.; Weber, M.; Steinberger, D.J; Finkelstein, S.; and Cohn, J.N. **“Arterial Compliance Abnormality in Isolated Systolic Hypertension.”** Abstract: 67th Scientific Sessions of the American Heart Association, Nov. 14-17, 1994 (Dallas, TX). CIRCULATION 90:(4, Part 2), p. I-506/Abstract No. 2726, October 1994.
58. Cohn, J.N.; Finkelstein, S.M.; McVeigh, G.; Morgan, D.; LeMay, L.; Robinson, J.; and Mock, J. **“Non-Invasive Pulse Wave Analysis for the Early Detection of Vascular Disease.”** HYPERTENSION 26:(3), 503-508, September 1995.
59. Bank, Alan J.; Wilson, Robert F.; Kubo, Spencer H.; Holte, James E.; Dresing, Thomas J.; and Wang, Hongyu **“Direct Effects of Smooth Muscle Relaxation and Contraction on *In Vivo* Human Brachial Artery Elastic Properties.”** CIRCULATION RESEARCH 7:(5), 1008-1016, November 1995.
60. McVeigh, Gary E.; Bank, Alan J.; and Cohn, Jay N. **“Vascular Compliance.”** A Chapter in James T. Willerson, M.D. and Jay N. Cohn, M.D; Eds. CARDIOVASCULAR MEDICINE Churchill Livingstone Inc. (New York), November 1995, pp. 1212-1227.

Bibliography

61. Cohn, J.N. **“Structural Changes in Cardiovascular Disease.”** AMERICAN JOURNAL of CARDIOLOGY 76:(Suppl. E), 34E-37E, November 1995.
62. McVeigh, G.E.; LeMay, L.; Morgan, D.; and Cohn, J.N. **“Effects of Long-Term Cigarette Smoking on Endothelium-Dependent Responses in Humans.”** AMERICAN JOURNAL of CARDIOLOGY 78:668-672, 1996.
63. Morgan, D.J.; Olson, T.; LeMay, L.; LaValleur, J.; Finkelstein, S.M.; and Cohn, J.N. **“Arterial Vascular Compliance in Pre- and Post-Menopausal Woman and the Effects of Short-Term Estrogen Replacement.”** AMERICAN JOURNAL of HYPERTENSION 9:6A-7A, 1996.
64. Haidet, G.C.; Wennberg, P.W.; Finkelstein, S.M.; and Morgan, D.J. **“Effects of Aging *per se* on Arterial Stiffness: Systemic and Regional Compliance in Beagles.”** AMERICAN HEART JOURNAL 132:(2 Pt.1), 319-327, August 1996.
65. McVeigh, G.E.; Finkelstein, S.M. and Cohn, J.N. **“Pulse Contour and Impedance Parameters Derived from Arterial Waveform Analysis.”** Chapter 11 In: Boudoulas, H.; Toutouzas, P. and Wooley, C.F.; Eds. FUNCTIONAL ABNORMALITIES of the AORTA Futura Publishing Co. (Armonk, NY) 1996, pp. 183-193.
66. McVeigh, G.E. **“Arterial Compliance in Hypertension and Diabetes Mellitus.”** AMERICAN JOURNAL of NEPHROLOGY 16:217-222, 1996.
67. McVeigh, Gary E.; Morgan, Dennis J.; Finkelstein, Stanley M.; Lemay, Lisa A.; and Cohn, Jay N. **“Vascular Abnormalities Associated with Long-Term Cigarette Smoking Identified by Arterial Waveform Analysis.”** AMERICAN JOURNAL of MEDICINE 102:227-231, March 1997.
68. Duprez, D.A.; De Buyzere, M.L; Drieghe, B.; Clement, D.L.; Chesney, C.F.; Finkelstein, S.M.; Cohn, J.N.; and Morgan, D. **“Determinant Factors of the Proximal and Distal Arterial Compliance in Normo- to Hypertensive Blood Pressure Range.”** AMERICAN JOURNAL of HYPERTENSION 10:(4), 45A, April 1997.
69. Resnick L.M. **“Ionic and Metabolic Determinants of Vascular Compliance in Essential Hypertension.”** AMERICAN JOURNAL of HYPERTENSION 10:(4), 223A, April 1997.
70. Cohn, J.N. **“Hypertension, Vascular and Cardiac Structure, and Heart Failure.”** AMERICAN JOURNAL of HYPERTENSION 10:(4), 224A, April 1997.
71. Schreiner, P.J.; Gardin, J.M.; Tsai, A.W.; McVeigh, G.E.; Yunis, C.; and Reid, C.L **“Ten Year Changes in Systolic Blood Pressure and Systemic Vascular Resistance: The Cardia Study.”** CANADIAN JOURNAL of CARDIOLOGY 13:(Suppl. B), 87B, June 1997.
72. Glasser, S.P; Arnett, D.K.; McVeigh, G.E.; Finkelstein, S.M.; Bank, A.J.; Morgan, D.J.; and Cohn, J.N. **“Vascular Compliance and Cardiovascular Disease: A Risk Factor or a Marker?”** AMERICAN JOURNAL of HYPERTENSION 10:(10), 1175-1189, October 1997.
73. McVeigh, G.E.; Bratteli, C.; Morgan, D.J.; Alinder, C.; Glasser, S.P.; Finkelstein, S.M.; and Cohn, J.N. **“Age-Related Abnormalities in Arterial Coupling Identified by Pressure Pulse Contour Analysis.”** Presented at Meeting in Paris entitled, “STRUCTURE and FUNCTION of LARGE ARTERIES” January 23-24, 1998.
74. Duprez, D.; DeBuyzere, M.; Vanhaverbeke, F.; Clement, D.L.; Finkelstein, S.M.; Chesney, C.F.; Morgan, D.J.; and Cohn, J.N. **“Ambulatory Blood Pressure is Related to Proximal Arterial Compliance and Regional Large Artery Compliance, but not to the Small-Sized Artery Compliance.”** Presented at Meeting in Paris entitled, “STRUCTURE and FUNCTION of LARGE ARTERIES” January 23-24, 1998.
75. Duprez, D.A.; DeBuyzere, M.L.; Rietzschel, E.R.; Teas, Y.; Clement, D.L.; Morgan, D.; and Cohn, J.N. **“Inverse Relationship Between Aldosterone and Large Artery Compliance in Chronically Treated Heart Failure Patients.”** EUROPEAN HEART JOURNAL 19:1371-1376, 1998.

Bibliography

76. Bratteli, C.W.; Alinder, C.; Morgan, D.; McVeigh, G.; Finkelstein, S.; and Cohn, J.N. **“Determinants of Large and Small Artery Compliance.”** Presented at the International Society of Hypertension Conference, Amsterdam, June 1998.
77. DeBuyzere, M.; Van DeVeire, N.; Duprez, D.A.; Clement, D.L.; Morgan, D.; Finkelstein, S.; Chesney, C.; and Cohn, J.N. **“The Carotid Artery Intima-Media Thickness is Related to the Distal Arterial Compliance, but not to the Proximal Arterial Compliance in Borderline Hypertension.”** Presented at the International Society of Hypertension Conference, Amsterdam, and published in the JOURNAL of HYPERTENSION 16:(Suppl. 2), Poster No. P40.10, pg. S280, June 1998.
- 77A. Duprez, D.; DeBuyzere, M.; Van Haverbeke, F.; Clement, D.; Morgan, D.; Chesney, C.; and Cohn, J. **“Proximal Arterial Compliance: A Determinant of Short-Term Blood Pressure Variability During Postural Changes.”** Presented at the International Society of Hypertension Conference, Amsterdam, and published in the JOURNAL of HYPERTENSION 16:(Suppl. 2), Poster No. P40.07, pg. S280, June 1998.
78. Glasser, S.P.; Arnett, D.K.; McVeigh, G.E.; Finkelstein, S.M.; Bank, A.K.; Morgan, D.J.; and Cohn, J.N. **“The Importance of Arterial Compliance in Cardiovascular Drug Therapy.”** JOURNAL of CLINICAL PHARMACOLOGY 38:202-212, 1998.
79. Bratteli, C.W.; Finkelstein, S.M.; Alinder, C.; and Cohn, J.N. **“Analysis of Aging Effects on the Arterial Pulse Contour Using an Artificial Neural Network.”** Accepted IEEE ENGINEERING in MEDICINE and BIOLOGY SOCIETY Conference, October 1998.
80. McVeigh, Gary E. **“Evaluation of Arterial Compliance.”** Published in: Izzo, J.L. and Black, H.R., Eds. HYPERTENSION PRIMER Publication by Council on High Blood Pressure Research, American Heart Association 1998, Chapter 114, pp. 327-329.
81. Bratteli, C.W.; Alinder, C.M.; and Cohn, J.N. **“Contrasting Arterial Compliance Effects of Enalapril and Amlodipine in Normotensive Elderly Subjects.”** AMERICAN JOURNAL of HYPERTENSION 12:(4, Part 2), Abstract No. B015, April 1999.
- 81A. Cohn, J.N. **“Pathophysiologic and Prognostic Implications of Measuring Arterial Compliance in Hypertensive Disease.”** PROGRESS IN CARDIOVASCULAR DISEASES 41:(No. 6), 441-450, May/June 1999.
82. Duprez, D.; DeBuyzere, M.; DeBruyne, L.; Clement, D.L.; and Cohn, J.N. **“Small Artery Elasticity Index is Positively Related to Ankle/Brachial Index in Peripheral Arterial Occlusive Disease.”** AMERICAN JOURNAL of HYPERTENSION 12:(4, Part 2), Abstract No. B017, April 1999. JOURNAL of HYPERTENSION 17:(Suppl. 3), Poster No. P2.45, May 1999.
83. Duprez, D.; DeBuyzere, M.; Van De Viere, N.; Tuytens, C.; Rottiers, R.; Clement, D.L.; and Cohn, J.N. **“Small Artery Elasticity Index, but not Large Artery Elasticity Index is Related to the Disease Duration in Early Onset Insulin Dependent Diabetes Mellitus.”** AMERICAN JOURNAL of HYPERTENSION 12:(4, Part 2), Abstract No. B016, April 1999. JOURNAL of HYPERTENSION 17:(Suppl. 3), Abstract No. 95, May 1999. (Presented at the Ninth European Meeting on Hypertension and published in the *Scientific Programme and Abstracts on Large Artery Structure and Function*, Milan, Italy, June 1999).
84. Noortgate, N. Van Den; Afschrift, M.; Achten, E.; Simoens, J.; DeBuyzere, M.; Duprez, D., and Cohn, J.N. **“Cerebral White Matter Lesions are Associated with Decreased Elasticity of Arteries in the Elderly.”** JOURNAL of HYPERTENSION 17:(Suppl. 3), Poster No. P2.31, May 1999. (Presented at the 72nd Scientific Sessions of the American Heart Association, Abstract No. 1095, November 1999).
85. Resnick, Lawrence M. **“Pulse Wave Velocity and Other Markers of Arterial Wall Stiffness: Methods and Clinical Relevance.”** Presented at the Ninth European Meeting on Hypertension and published in the *Scientific Programme and Abstracts on Large Artery Structure and Function*, Milan, Italy, June 1999.
86. Resnick, L.M.; Chesney, C.F.; and Lester, M.A. **“Physiologic Correlates of Arterial Compliance in Essential Hypertension.”** Published in the 9th European Meeting on Hypertension, *Scientific Programme and Abstracts on Large Artery Structure and Function*, Milan, Italy, June 1999.

Bibliography

87. McVeigh, Gary E.; Bratteli, Christopher W.; Morgan, Dennis J.; Alinder, Cheryl M.; Glasser, Stephen P.; Finkelstein, Stanley M.; and Cohn, Jay N. **“Age-Related Abnormalities in Arterial Compliance Identified by Pressure Pulse Contour Analysis.”** HYPERTENSION 33:1392-1398, June 1999.
88. Duprez, D.A.; DeBuyzere, M.; Taes, Y.; Van Vlem, B.; Lameire, N.; and Cohn, J.N. **“Large and Small Artery Elasticity Indices are Decreased in End-Stage Renal Failure in Comparison with Blood Pressure Matched Hypertensive Subjects.”** Presented 72nd Scientific Sessions of the American Heart Association and published CIRCULATION, Supplement 110 (18): Abstract No. 541, pg. I-105, November 1999.
- 88A. Neutel, J.M.; Smith, D.H.G.; and Weber, M.A. **“Is High Blood Pressure a Late Manifestation of the Hypertension Syndrome?”** AMERICAN JOURNAL of HYPERTENSION 12:(No.12, Part 3), 215S-223S, December 1999.
89. Cohn, J.N. **“Vascular Wall Function as a Risk Marker for Cardiovascular Disease.”** JOURNAL of HYPERTENSION 17:(Suppl. 5), S41-S44, 1999.
90. Resnick, L.M.; Lester, M.H.; and Chesney, C.F. **“Differential Effects of Antihypertensive Drug Therapy on Arterial Compliance.”** Presented 15th Scientific Meeting of the American Society of Hypertension and Published AMERICAN JOURNAL of HYPERTENSION 13:(4, Part 2), pg. 20A, April 2000.
91. Gilani, M.; Alinder, C.; Kaiser, D.; Rajala, S.; Bank, A.J.; and Cohn, J.N. **“Differences in Large and Small Artery Response to Acute Inhibition of Nitric Oxide Synthase in Human Subjects.”** AMERICAN JOURNAL of HYPERTENSION 13:(4, Part 2), Abstract No. B003, April 2000.
92. Lane, K.V.; Prisant, M.E.; and Prisant, L.M. **“Non-Invasive Vascular Compliance: Short-Term Assessment of Test Repeatability.”** AMERICAN JOURNAL of HYPERTENSION 13:(4, Part 2), Abstract No. B015, April 2000.
93. De Backer, T.L.; De Buyzere, M.L.; Duprez, D.A.; Clement, D.L.; and Cohn, J.N. **“Large Artery but not Small Artery Elasticity Index is Increased in Athletic Sports Men Versus Control Subjects.”** AMERICAN JOURNAL of HYPERTENSION 13:(4, Part 2), Abstract No. B022, April 2000.
94. Zimmerman, A.; VanAuker, M.D.; Zakari, A.; Strom, J.A.; and Weber, M.A. **“Loss of Oscillatory Arterial Compliance is Detectable in Young Patients by Radial Artery Pulse Contour Analysis.”** AMERICAN JOURNAL of HYPERTENSION 13:(4, Part 2), Abstract No. B026, April 2000.
95. Winer, N.; Mitri, O.; Saradih, H.; and Shah, C. **“Influence of Cardiovascular Risk Factors and Gender on Vascular Elasticity and Metabolic Parameters.”** AMERICAN JOURNAL of HYPERTENSION 13:(4, Part 2), Abstract No. B028, April 2000.
96. Kaiser, D.R.; Gilani, M.; Alinder, C.; Rajala, S.; and Cohn, J.N. **“Intravenous Infusion of L-NAME does not Alter Brachial Artery Area or Compliance.”** AMERICAN JOURNAL of HYPERTENSION 13:(4, Part 2), Abstract No. B029, April 2000.
97. Grey, E.; Bratteli, C.; Glasser, S.P.; Alinder, C.; Finkelstein, S.M.; Lindgren, B.; and Cohn, J.N. **“Small but not Large Artery Compliance Predicts Cardiovascular Events.”** AMERICAN JOURNAL of HYPERTENSION 13:(4, Part 2), Abstract No. B059, April 2000.
98. Cohn, J.N. **“ACE Inhibition and Vascular Remodeling of Resistance Vessels – Vascular Compliance and Cardiovascular Implications.”** HEART DISEASE 2:S2-S6, March/April 2000.
99. Prisant, L.; Lane, K.; and Prisant, M. **“Measures of Capacitive and Reflective Compliance: Relationship to Blood Pressure Parameters.”** JOURNAL of HYPERTENSION 18:(Suppl. 4), Abstract No. P1.64, August 2000.
100. Resnick, L. and Lester, M. **“Differential Effects of Antihypertensive Drug Therapy on “Arterial” Compliance.”** JOURNAL of HYPERTENSION 18:(Suppl. 4), Abstract No. P28.32, August 2000.

Bibliography

101. Cohn, J.N. **“Using Arterial Compliance to Stratify Cardiovascular Risks: More Precision in Therapeutic Decisions.”** 2000 Meeting Highlights 15th Scientific Meeting of the American Society of Hypertension (ASH), May 16-20, 2000 New York, New York, October 2000.
102. Duprez, D.A.; DeBuyzere, M.L.; DeBacker, T.L.; Van DeVeire, N.; Clement, D.L.; and Cohn, J.N. **“Relationship Between Arterial Elasticity Indices and Carotid Artery Intima-Media Thickness.”** AMERICAN JOURNAL of HYPERTENSION 13:1226-1232, December 2000.
103. Resnick, L.M.; Militianu, D.; Cunnings, A.J.; Pipe, J.G.; Evelhoch, J.L.; Soulen, R.L. and Lester, M.A. **“Pulse Waveform Analysis of Arterial Compliance: Relation to Other Techniques, Age, and Metabolic Variables.”** AMERICAN JOURNAL of HYPERTENSION 13:1243-1249, December 2000.
104. McVeigh, G.E. and Yoon, L.L. **“Arterial Compliance in Hypertension.”** Chapter 16 in: Weber, M.A. Ed. HYPERTENSION MEDICINE Humana Press (Totowa, NJ), pp. 191-198 2000.
- 104A. Glasser, S.P. **“On Arterial Physiology, Pathophysiology of Vascular Compliance, and Cardiovascular Disease.”** HEART DISEASE 2:375-379, 2000.
105. Cohn, J.N. **“Novartis Award – Left Ventricle and Arteries – Structure, Function, Hormones, and Disease.”** HYPERTENSION 37:Part 2:346-349, February 2001.
106. Weber, M. A. **“The Measurement of Arterial Properties in Hypertension.”** AMERICAN JOURNAL of HYPERTENSION 14:183-185, No. 2, February 2001.
107. Arnett, D.K.; Glasser, S.P.; McVeigh, G.; Prineas, R.; Finklestein, S.; Donahue, R.; Cohn, J.N.; and Sinaiko, A. **“Blood Pressure and Arterial Compliance in Young Adults: The Minnesota Children’s Blood Pressure Study.”** AMERICAN JOURNAL of HYPERTENSION 14:(No. 3), 200-205, , March 2001.
108. Prisant, L.M.; Resnick, L.M.; and Hollenberg, S.M. **“Assessment of Sequential Same Arm Agreement of Blood Pressure Measurements by a CVProfilor™ DO-2020 versus a Baumanometer® Mercury Sphygmomanometer.”** AMERICAN JOURNAL of HYPERTENSION 14:(No. 4), Part 2), Abstract No. P-10, April 2001.
109. Prisant, L.M.; Resnick, L.M.; and Hollenberg, S.M. **“Arterial Elasticity Among Normotensive Subjects and Treated and Untreated Hypertensive Subjects.”** AMERICAN JOURNAL of HYPERTENSION 14:(No. 4, Part 2), Abstract No. P-274, April 2001.
110. Nagubandi, M.K.; Sung, B.H.; and Wilson, M.F. **“Reduction in Small and Large Artery Compliance with Isometric Exercise.”** AMERICAN JOURNAL of HYPERTENSION 14:(No. 4, Part 2), Abstract No. P-285, April 2001.
111. Resnick, L.M. and Lester, M.H. **“Effect of Modest Weight Loss on Arterial Compliance in Essential Hypertension.”** AMERICAN JOURNAL of HYPERTENSION 14:(No. 4, Part 2), Abstract No. P-286, April 2001.
112. Warburton, K.; Cohen, D.L.; Bloom, R.D.; and Townsend, R.R. **“Pulse Wave Analysis to Assess Vascular Compliance Changes in Renal Transplant Recipients.”** AMERICAN JOURNAL of HYPERTENSION 14:(No. 4, Part 2), Abstract No. P-291, April 2001.
113. Nagubandi, M.K.; Sung, B.H.; and Wilson, M.F. **“Effects of Mental Stress on Large and Small Artery Compliance.”** AMERICAN JOURNAL of HYPERTENSION 14:(No. 4, Part 2), Abstract No. P-300, April 2001.
114. Romney, J. and Lewanczuk, R.Z. **“Changes in Vascular Compliance in Type 1 Diabetes Prior to Onset of Clinical Complications.”** AMERICAN JOURNAL of HYPERTENSION 14:(No. 4, Part 2), Abstract No. P-574, April 2001.

Bibliography

115. Weinberger, M.H.; Fineberg, N.S.; Weinberger, M.; and Fineberg, S.E. **“The Relationships Between Age, Gender and Blood Pressure and Vascular Compliance and Resistance in Normal and Hypertensive Humans.”** AMERICAN JOURNAL of HYPERTENSION 14:(No. 4, Part 2), Orals No. O-16, April 2001.
116. McVeigh, G.E.; Allen, P.B.; Morgan, D.R.; Hanratty, C.G.; and Silke, B. **“Nitric Oxide Modulation of Blood Vessel Tone Identified by Arterial Waveform Analysis.”** CLINICAL SCIENCE 100, 387-393, April 2001.
117. Winer, N.; Sowers, J.R.; and Weber, M.A. **“Gender Differences in Vascular Compliance in Young, Healthy Subjects Assessed by Pulse Contour Analysis.”** JOURNAL of CLINICAL HYPERTENSION 3:(No. 3), 145-152, May/June 2001.
118. Cohn, J.N. **“New Approaches to Screening for Vascular and Cardiac Risk.”** AMERICAN JOURNAL of HYPERTENSION 14:(No. 6, Part 2), 218S-220S, June 2001.
119. Boeykens, E.; Rietzschel, E.; DeBuyzere, M.; Duprez, D.; and Clement, D.L. **“Relation of Systolic Ambulatory Blood Pressure with Large Artery Arterial Elasticity and Wave Reflection Indices in Treated Hypertension.”** JOURNAL of HYPERTENSION 19:(Suppl. 2), Poster No. P1.65, pg. S37, June 2001. (Presented at the 11th European Meeting on Hypertension, Milan, Italy, June 2001).
120. Duprez, D.; Boeykens, E.; Rietzschel, M.; DeBuyzere, M.; DeSutter, J.; and Clement, D.L. **“Relationship of Arterial Elasticity Parameters and Left Ventricular Mass in Treated Essential Hypertension.”** JOURNAL of HYPERTENSION 19:(Suppl. 2), Abstract No. 56, pg. S264, June 2001. (Presented at the 11th European Meeting on Hypertension, Milan, Italy, June 2001).
121. Cohn, J.N. **“Arterial Compliance to Stratify Cardiovascular Risk: More Precision in Therapeutic Decision Making.”** AMERICAN JOURNAL of HYPERTENSION 14:(No. 8, Part 2), 258S-263S, August 2001.
122. Duprez, D.; DeBuyzere, M.; Van Den Noortgate, N.; Simoens, J.; Achten, E.; Clement, D.; Afschrift, M.; and Cohn, J.N. **“Relationship Between Periventricular or Deep White Matter Lesions and Arterial Elasticity Indices in Very Old People.”** AGE and AGEING 30:325-330, August 2001.
123. Prisant, M. L.; Resnick, L.M.; and Hollenberg, S.M. **“Assessment of Sequential Same Arm Agreement of Blood Pressure Measurements by a CVProfilor™ DO-2020 Versus a Baumanometer® Mercury Sphygmomanometer.”** BLOOD PRESSURE MONITORING 6:(No. 3), 149-152, 2001.
124. Braeckman, L.; Kotseva, K.; Duprez, D.; De Bacquer, D.; De Buyzere, M.; Van De Veire, N.; and Vanhoorne, M. **“Vascular Changes in Workers Exposed to Carbon Disulfide.”** ANNALS ACADEMY of MEDICINE 30:(No. 5), 475-480, September 2001.
125. Beltran, A.; McVeigh, G.; Morgan, D.; Glasser, S.P.; Neutel, J.M.; Weber, M.; Finkelstein, S.M.; and Cohn, J.N. **“Arterial Compliance Abnormalities in Isolated Systolic Hypertension.”** AMERICAN JOURNAL of HYPERTENSION 14:(No. 10), 1007-1011, October 2001.
126. Stojiljkovic, Milos, P.; Zhang, D.; Lopes, H.F.; Lee, C.G.; Goodfriend, T.L.; and Egan, B.M. **“Hemodynamic Effects of Lipids in Humans.”** AMERICAN JOURNAL of PHYSIOLOGY-REGULATORY, INTEGRATIVE and COMPARATIVE PHYSIOLOGY 280:R1674-R1679, 2001.
127. Leibovitz, E.; Hazanov, N.; Zimlichman, R.; Shargorodsky, M.; and Gavish, D. **“Treatment with Atorvastatin Improves Small Artery Compliance in Patients with Severe Hypercholesterolemia.”** AMERICAN JOURNAL of HYPERTENSION 14:(No. 11, Part 1), 1096-1098, November 2001.
128. Romney, J. and Lewanczuk, R. **“Vascular Compliance is Reduced in the Early Stages of Type 1 Diabetes.”** DIABETES CARE 24:(No. 12), December 2001.
129. McVeigh, G. **“Effects of Perindopril on Cardiovascular Remodeling.”** THE AMERICAN JOURNAL of CARDIOLOGY 88:28i-35i, 2001.

Bibliography

130. Winer, N.; Weber, M.A.; and Sowers, J.R. **“The Effect of Antihypertensive Drugs on Vascular Compliance.”** CURRENT HYPERTENSION REPORTS 4:297-304, 2001.
131. Prisant, L.M.; Resnick, L.M.; and Hollenberg, S.M. **“Arterial Elasticity Among Normotensive Subjects and Treated and Untreated Hypertensive Subjects.”** BLOOD PRESSURE MONITORING 6:233-237, 2001.
132. Glasser, S.P. **“Hypertension Syndrome and Cardiovascular Events: High Blood Pressure is Only One Risk Factor.”** HYPERTENSION SYNDROME 110:(No. 5), 29-36, 2001.
133. Duprez, D.A.; DeBuyzere, M.L.; DeBruyne, L.; Clement, D.L.; and Cohn, J.N. **“Small and Large Artery Elasticity Indices in Peripheral Arterial Occlusive Disease (PAOD).”** VASCULAR MEDICINE 6:211-214, 2001.
134. Prisant, L.M.; Resnick, L.M.; Hollenberg, S.M.; and Jupin, D. **“Arterial Elasticity Among Normotensive Subjects and Treated and Untreated Hypertensive Subjects: Influence of Race.”** ETHNICITY & DISEASE 12:63-68, 2002.
135. Cohen, D.L. and Townsend, R.R. **“Large and Small Artery Compliance Changes During Hemodialysis.”** AMERICAN JOURNAL of HYPERTENSION 15:(No. 3), 236-239, 2002.
136. Pian-Smith, M.C.; Ecker, J.; Hsu, K.; and Leffert, L. **“Endothelial Dysfunction in Preeclampsia: A Pilot Study with Non-Invasive Blood Pressure Waveform Analysis.”** ANESTHESIOLOGY 96: (Suppl. 1), 2002.
137. Winer, N.; Folker, A.; Murphy, J.A.; Hung, E.; Sowers, J.; and Bakris, G.L. **“ACE Inhibition Alone or in Combination with a Calcium Antagonist on Vascular Compliance in Participants with Hypertension and Type 2 Diabetes.”** AMERICAN JOURNAL of HYPERTENSION 15:(No. 4, Part 2), Abstract No. OR66, 2002.
138. Kuriakose, A.; Sung, B.H.; and Wilson, M.F. **“Effect of Caffeine on Large and Small Artery Compliance.”** AMERICAN JOURNAL of HYPERTENSION 15:(No. 4, Part 2), Abstract No. P91, 2002.
139. Alavi, H.; Prisant, L.M.; and Jupin, D. **“Comparison of Arterial Elasticity Measured in Left and Right Arms Using the HDI/Pulsewave™ CR-2000 Research System.”** AMERICAN JOURNAL of HYPERTENSION 15:(No. 4, Part 2), Abstract No. P95, 2002.
140. Wu, G.R.; Ma, A.Q.; Yan, Y.; and Xi, Y.T. **“Arterial Compliance and its Influential Factors in Healthy Chinese People.”** AMERICAN JOURNAL of HYPERTENSION 15:(No. 4, Part 2), Abstract No. P102, 2002.
141. Rafey, M.A.; Greenblatt, J.P.; Butkevich, A.; Brownstein, P.; and Phillips, R.A. **“The Effect of a Structured Cardiac Rehabilitation Program on Vascular Compliance in Subjects with Coronary Artery Disease.”** AMERICAN JOURNAL of HYPERTENSION 15:(No. 4, Part 2), Abstract No. P104, 2002.
- 141A. Bai, Yu; Zhang, Wei-Zhong. **“Initial Studies on Indexes of Arterial Compliance.”** PREVENTION AND TREATMENT OF CARDIO-CEREBRAL-VASCULAR DISEASE 2:(No.2), May 2002.
142. Glasser, S.P.; Bratteli, C.W.; and Cohn, J.N. **“Effect of Doxazosin on Arterial Elasticity: Functional Versus Structural Changes.”** AMERICAN JOURNAL of HYPERTENSION 15:(No. 4, Part 2), Abstract No. P105, 2002. JOURNAL of HYPERTENSION 20:(Suppl. 4), S189, 2002. (Presented at the 12th European Meeting on Hypertension and the 19th Scientific Meeting of the International Society of Hypertension in Prague, Czech Republic, June 2002).
143. Levy, P.J.; Sigmon-Smith, K.; Wilkins, J.; Barnes, R.; Abdelhamed, A.I.; Smith, R.D.; and Ferrario, C.M. **“Markers of Large-Vessel Compliance in Hypertensives and Young Adults with Severe Aortic Atherosclerosis Evaluated by Non-Invasive Methods.”** AMERICAN JOURNAL of HYPERTENSION 15:(No. 4, Part 2), Abstract No. P111, 2002.
144. Abdelhamed, A.I.; Levy, P.; Sigmon-Smith, K.; Wilkins, J.; Smith, R.; and Ferrario, C.M. **“Value of Non-Invasive Hemodynamic Measurements in Hypertensive Subjects.”** AMERICAN JOURNAL of HYPERTENSION 15:(No. 4, Part 2), Abstract No. P166, 2002.

Bibliography

145. Abdelhamed, A.I.; Levy, P.; Sigmon-Smith, K.; Wilkins, J.; Smith, R.; and Ferrario, C.M. **“Comparison of Two Non-Invasive Methods for Office-Based Hemodynamic Measurements.”** AMERICAN JOURNAL of HYPERTENSION 15:(No. 4, Part 2), Abstract No. P168, 2002.
146. Egan, B.; Wofford, M.; Calhoun, D.; Nesbitt, S.; Cohn, J.; and Julius, S. **“Leptin is Associated with Insulin Resistance and Impaired Small Artery Distensibility in Subjects with High Normal Blood Pressure.”** AMERICAN JOURNAL of HYPERTENSION 15:(No. 4, Part 2), Abstract No. P523, 2002.
147. Cohn, J.N.; Hoke, L.G.; Sommers, P.A.; Whitwam, W.; Taylor, A.L.; and Roessler, R. **“A Strategy for Early Detection of Cardiovascular Disease with a Non-Invasive Testing Array.”** AMERICAN JOURNAL of HYPERTENSION 15:(No. 4, Part 2), Abstract No. P524, 2002.
148. Nelson, C.L.; Jenkins, A.J.; Karschikus, C.S.; Rowley, K.G.; Packham, D.; Becker, G.J.; and Best, J.D. **“Reduced Small and Large Artery Elasticity in Pre-Dialysis IgA Nephropathy Subjects Without Clinical Vascular Disease.”** JOURNAL of the AMERICAN COLLEGE of CARDIOLOGY 39:(No. 9, Suppl. B), Abstract No. 2881, 2002.
149. Wilson, A.M.; Prior, D.L.; O’Neal, D.; Best, J.; and Jenkins, A.J. **“The Correlation Between Measured Arterial Elasticity and Endothelial Function.”** JOURNAL of the AMERICAN COLLEGE of CARDIOLOGY 39:(No. 9, Suppl. B), Abstract No. 3523, 2002.
150. Jenkins, A.J.; Wong, M.; Toh, L.; Wilson, A.; Rowley, K.; Prior, D.; Clemens, L.; and Best, J. **“Abnormal Vascular Health and Vascular Disease Risk Factors in Rheumatoid Arthritis.”** JOURNAL of the AMERICAN COLLEGE of CARDIOLOGY 39:(No. 9, Suppl. B), Abstract No. 2848, 2002.
151. Weinberger, M.H.; Fineberg, N.S.; and Fineberg, S.E. **“Effects of Age, Race, Gender, Blood Pressure and Estrogen on Arterial Compliance.”** AMERICAN JOURNAL of HYPERTENSION 15:358-363, (No. 4, Part 1), 2002.
152. Gadegbeku, C.A.; Dhandayuthapani, A.; Sadler, Z.E.; and Egan, B.M. **“Raising Lipids Acutely Reduces Baroreflex Sensitivity.”** AMERICAN JOURNAL of HYPERTENSION 15:(No. 6), 479-485, 2002.
153. Morgan, D.R.; McVeigh, G.E.; Allen, P.; Trimble, M.; Hamilton, P.; Dixon, L.J.; Silke, B.; and Hayes, J.R. **“Early Vascular Abnormalities and De Novo Nitrate Tolerance in Diabetes Mellitus.”** JOURNAL of HYPERTENSION 20:(Suppl. 4), S55, 2002.
154. Lewanczuk, R.Z. and Romney, J. **“Early Reductions in Vascular Compliance in Type 1 Diabetes.”** JOURNAL of HYPERTENSION 20:(Suppl. 4), S70, 2002.
155. Longo, D.; Toffanin, G.; Fiorillo, G.; Bertolo, O.; Garbelotto, R.; and Palatini, P. **“Both Capacitive and Oscillatory Compliances Are Reduced in Young Subjects with Stage 1 Hypertension.”** JOURNAL of HYPERTENSION 20:(Suppl. 4), S71, 2002.
156. Lewanczuk, R.Z. **“Mechanisms of Acute Versus Chronic Antihypertensive Effects of Losartan.”** JOURNAL of HYPERTENSION 20:(Suppl. 4), S217, 2002.
157. London, G.M. and Cohn, J.N. **“Prognostic Application of Arterial Stiffness: Task Forces.”** AMERICAN JOURNAL of HYPERTENSION 15:(No. 8), 754-758, 2002.
158. Weinberger, M.H.; Fineberg, N.S.; and Fineberg, S.E. **“The Influence of Blood Pressure and Carbohydrate Tolerance on Vascular Compliance in Humans.”** AMERICAN JOURNAL of HYPERTENSION 15:(No. 8), 678-682, 2002.
159. McVeigh, G.E.; Hamilton, P.; Wilson, M.; Hanratty, C.G.; Leahey, W.J.; Devine, A.B.; Morgan, D.G.; Dixon, L.J.; and McGrath, L.T. **“Platelet Nitric Oxide and Superoxide Release During the Development of Nitrate Tolerance - Effect of Supplemental Ascorbate.”** CIRCULATION 106:(No. 2), 208-213, 2002.

Bibliography

160. Prisant, L.M.; Pasi, M.; Jupin, D.; and Prisant, M.E. **“Assessment of Repeatability and Correlates of Arterial Compliance.”** BLOOD PRESSURE MONITORING 7:(No. 4), 231-235, 2002.
- 160A. **“Correlation of Arterial Compliance and Blood Pressure.”** CHINESE MEDICAL FORUM 28:(No. 42), November 2002.
161. Parvathaneni, L.; Harp, J.; Zelinger, A.; and Silver, M. **“Relation Between Brachial Artery Reactivity and Noninvasive Large and Small Arterial Compliance in Healthy Volunteers.”** AMERICAN JOURNAL of CARDIOLOGY 89:894-895, 2002.
- 161A. Zhang, Ting-Jie. **“Arterial Compliance Function and Blood Pressure and Cardiovascular Disease (Summary).”** PREVENTION AND TREATMENT OF CARDIO-CEREBRAL-VASCULAR DISEASE 2:(No. 4), November 2002.
162. Alavi, H.; Prisant, M.L.; Jupin, D.; and Oracion, A. **“Comparison of Arterial Elasticity Measured in Left and Right Arms Using the HDI/Pulsewave™ CR-2000 Research System.”** BLOOD PRESSURE MONITORING 7:(No. 5), 277-280, 2002.
- 162A. Tang, Xing-Hua; Xie, Hai-Bao; Yan, Hong; et al. **“An Analysis of the Relationship Between Blood Pressure and Arterial Compliance.”** PREVENTION AND TREATMENT OF CARDIO-CEREBRAL-VASCULAR DISEASE 2:(No. 4), November 2002.
163. Shargorodsky, M.; Leibovitz, E.; Lubimov, L.; Gavish, D.; and Zimlichman, R. **“Prolonged Treatment with the AT₁ Receptor Blocker, Valsartan, Increases Small and Large Artery Compliance in Uncomplicated Essential Hypertension.”** AMERICAN JOURNAL of HYPERTENSION 15:(No. 12), 1087-1091, 2002.
- 163A. Ding, Yue-You; Zhang, Wei-Zhong. **“Non-Invasive Vascular Elasticity to Evaluate Hypertension.”** CHINESE JOURNAL OF HYPERTENSION 10:(No. 6), December 2002.
164. Resnick, L. and Lester, M.H. **“Differential Effects of Antihypertensive Drug Therapy on Arterial Compliance.”** AMERICAN JOURNAL of HYPERTENSION 15:(No. 12), 1096-1100, 2002.
- 164A. Zhang, Wei-Zhong; Bai, Yu; Ding, Yue-You. **“Arterial Elastic Function Change in Elderly Patients with Isolated Systolic Hypertension.”** CHINESE JOURNAL OF HYPERTENSION 10:(No. 6), December 2002.
165. Benetos, A.; Waeber, B.; Izzo, J.; Mitchell, G.; Resnick, L.; Asmar, R.; and Safar, M. **“Influence of Age, Risk Factors, and Cardiovascular and Renal Disease on Arterial Stiffness: Clinical Applications.”** AMERICAN JOURNAL of HYPERTENSION 15:(No. 12), 1101-1108, 2002.
- 165A. Chen, Xiao-Ming; Lin, Jin-Xiu; Su, Jin-Zi; Wang, Hua-Jun; Peng, Feng; Zeng, Kai-Qi. **“Influencing Factors of Artery Elastic Function on Healthy People.”** CHINESE JOURNAL OF HYPERTENSION 10:(No. 6), December 2002.
166. Schillinger, M.; Mlekusch, W.; Haumer, M.; Sabeti, S.; Maca, T.; and Minar, E. **“Relation of Small Artery Compliance and Lipoprotein (A) in Patients with Atherosclerosis.”** AMERICAN JOURNAL of HYPERTENSION 15:(No. 11), 980-985, 2002.
167. Van Bortel, L.M.; Duprez, D.; Starmans-Kool, M.J.; Safar, M.E.; Giannattasio, C.; Cockcroft, J.; Kaiser, D.R.; and Thuillez, C. **“Clinical Applications of Arterial Stiffness, Task Force III: Recommendations for User Procedures.”** AMERICAN JOURNAL of HYPERTENSION 15:(No. 5), 445-452, 2002.
- 167A. Pannier, B.M.; Avolio, A.P.; Hoeks, A.; Mancia, G.; and Takazawa, K. **“Methods and Devices for Measuring Arterial Compliance in Humans.”** AMERICAN JOURNAL of HYPERTENSION 15 (No. 8):743-753, August 2002.
168. McVeigh, G.E.; Morgan, D.R.; Allen, P.; Trimble, M.; Hamilton, P.; Dixon, L.J.; Silke, B.; and Hayes, J.R. **“Early Vascular Abnormalities and De Novo Nitrate Tolerance in Diabetes Mellitus.”** DEPARTMENT of THERAPEUTICS and PHARMACOLOGY 4:336-341, 2002.

Bibliography

- 168A. Li, Xin-Li; Ni, Chun-Hui; Wang, Zheng-Zheng. **“Arterial Compliance for Evaluating Antihypertensive Effect.”** CHINESE JOURNAL OF HYPERTENSION 10:(No. 6), December 2002.
169. Gadegbeku, C.A.; Dhandayuthapani, A.; Shrayyef, M.Z.; and Egan, B.M. **“Hemodynamic Effects of Nicotinic Acid Infusion in Normotensive and Hypertensive Subjects.”** AMERICAN JOURNAL of HYPERTENSION 16:(No. 1), 67-71, 2003.
170. Van Doornum, S.; McColl, G.; Jenkins, A.; Green, D.J.; and Wicks, I.P. **“Screening for Atherosclerosis in Patients with Rheumatoid Arthritis.”** ARTHRITIS & RHEUMATISM 48:(No. 1), 72-80, 2003.
171. Wong, M.; Toh, L.; Wilson, A.; Rowley, K.; Karschikus, C.; Prior, D.; Romas, E.; Clemens, L.; Dragicevic, G.; Harianto, H.; Wicks, I.; McColl, G.; Best, J.; and Jenkins, A. **“Reduced Arterial Elasticity in Rheumatoid Arthritis and the Relationship to Vascular Disease Risk Factors and Inflammation.”** ARTHRITIS & RHEUMATISM 48:(No. 1), 81-89, 2003.
172. Grey, E.; Bratteli, C.; Glasser, S.P.; Alinder, C.; Finkelstein, S.M.; Lindgren, B.R.; and Cohn, J.N. **“Reduced Small Artery but not Large Artery Elasticity is an Independent Risk Marker for Cardiovascular Events.”** AMERICAN JOURNAL of HYPERTENSION 16:(No. 4), 265-269, 2003.
- 172A. Lopes, H.F.; Martin, K.L.; Nasher, K.; Morrow, J.D.; Goodfriend, T.L.; and Egan, B.M. **“DASH Diet Lowers Blood Pressure and Lipid-Induced Oxidative Stress in Obesity.”** HYPERTENSION 422-430, March 2003.
173. Tao, Jun; Jin, Ya-Fei; Wang, Li-Chun, et al. **“Effect of Aging on Arterial Elasticity and Endothelial Function.”** CHINESE JOURNAL OF CARDIOLOGY 31:(No. 4), April 2003.
174. Li, Xin-Li; Jiang, Su-Hua; Zhang, Hai-Feng, et al. **“The Effect of Antihypertensive Therapy on Intima-Media Thickness of the Common Carotid Artery and Vascular Compliance.”** CHINESE JOURNAL OF CARDIOLOGY 31:(No. 4), April 2003.
175. Zhang, Wei-Zhong. **“The Actuality and Significance of Study on the Arterial Elasticity Function.”** CHINESE JOURNAL OF CARDIOLOGY 31:(No. 4), April 2003.
176. Arterial Elasticity Collaboration Group. **“Study on the Arterial Elasticity Function in the Chinese Healthy Subjects.”** CHINESE JOURNAL OF CARDIOLOGY 31:(No.4), April 2003.
- 176A. Longo, D.; Toffanin, G.; Garbelotto, R.; Zaetta, V.; Businaro, L.; and Palatini, P. **“Performance of the UA-787 Oscillometric Blood Pressure Monitor According to the European Society of Hypertension Protocol.”** BLOOD PRESSURE MONITORING 8 (No. 2): 91-95, March 2003.
177. Sun, Ning-Ling. **“Pay Great Attention to Control the Progress of Subclinical Disease.”** CHINESE JOURNAL OF CARDIOLOGY 31:(No. 4), April 2003.
178. Somasundaram, P.E.; Duprez, D.A.; Sigurdsson, G.; McKnite, S.H.; Hoke, L.; Florea, N.; Cohn, J.N. **“CRP is Associated with Increased Large Artery Stiffness in a Primary Prevention Population.”** AMERICAN JOURNAL of HYPERTENSION 16:(No.5, Part 2), OR-11, 2003.
179. Zimlichman, R.; Boaz, M.; Duprez, D.; Rahn, K.-H.; Rizzoni, D.; Payeras, A.C.; Hamm, C.; McVeigh, G. **“Effects of Modest Wine/Beer Drinking on Arterial Elasticity in Healthy European Population – The Seven European Sites Study (SESS).”** AMERICAN JOURNAL of HYPERTENSION 16:(No.5, Part 2), OR-13, 2003.
180. Cohen, D.L.; McFadden, C.; Townsend, R.R. **“Proteinuria and Arterial Compliance.”** AMERICAN JOURNAL of HYPERTENSION 16:(No.5, Part 2), P-276, 2003.
181. Cohen, D.L.; McFadden, C.; Malhotra, A., Townsend, R.R. **“Gender Differences in Pulse Contour Analysis.”** AMERICAN JOURNAL of HYPERTENSION 16:(No.5, Part 2), P-277, 2003.

Bibliography

182. Cohen, D.L.; Braun, T.; Townsend, R.R. **“Small Vessel Compliance and Left Atrial Size in Chronic Hemodialysis Patients.”** AMERICAN JOURNAL of HYPERTENSION 16:(No.5, Part 2), P-278, 2003.
183. Nahsar, K.; Nguyen, J.; Egan, B.M. **“Losartan Enhances Arterial Compliance and Reduces Exercise BP in Metabolic Syndrome Patients.”** AMERICAN JOURNAL of HYPERTENSION 16:(No.5, Part 2), P-285, 2003.
184. Leibovitz, E.; Beniashvili, M.; Zimlichman, R.; Frieman, A.; Gavish, D. **“Treatment with Amlodipine and Atorvastatin have Additive Effect in Improvement of Arterial Elasticity in Hypertensive Hyperlipidemic Patients.”** AMERICAN JOURNAL of HYPERTENSION 16:(No.5, Part 2), P-289, 2003.
185. Longo, D.; Toffanin, G.; Garbelotto, R.; Ovan, D.; Sanigi, C.; Frezza, P.; Palatini, P. **“Arterial Stiffness is the Main Determinant of Pulse Pressure in Young-to-Middle Age Hypertensive Subjects.”** AMERICAN JOURNAL of HYPERTENSION 16:(No.5, Part 2), P-290, 2003.
186. Mukherjee, J.; Sung, B.H.; Wilson, M.F. **“Effects of Nicotine on Small and Large Arterial Compliances in Non-Smokers.”** AMERICAN JOURNAL of HYPERTENSION 16:(No.5, Part 2), P-294, 2003.
187. Mehta, P.K.; Arora, V.; Gentry, M.; Jupin, D.; Sadurska, K.; Prisant, M.L. **“Relationship Between Hemoglobin A1C and Arterial Elasticity Indices Among Diabetic Women.”** AMERICAN JOURNAL of HYPERTENSION 16:(No.5, Part 2), P-298, 2003.
188. Rafey, M.A.; Greenblatt, J.P.; Brownstein, P.; Bruno, L.; Phillips, R.A. **“Small Artery Compliance Improves with Comprehensive Cardiac Rehabilitation Program in Deconditioned Men with Coronary Artery Disease.”** AMERICAN JOURNAL of HYPERTENSION 16:(No.5, Part 2), P-299, 2003.
189. Taler, S.; Textor, S.C.; Driscoll, N.; Tibor, M.; Augustine, J.E.; Sprau, G.; Wiesner, R.H.; Hay, J.E.; Rosen, C.B. **“The Spectrum of Large & Small Vessel Changes in a Model of Developing Human Hypertension (HTN).”** AMERICAN JOURNAL of HYPERTENSION 16:(No.5, Part 2), P-305, 2003.
190. Zimlichman, R.; Boaz, M.; Duprez, D.; Rahn, K.-H.; Rizzoni, D.; Payeras, A.C.; Hamm, C. **“Effects of Moderate Smoking on Arterial Elasticity – in Healthy European Population – The Seven European Sites Study of Arterial Elasticity.”** AMERICAN JOURNAL of HYPERTENSION 16:(No.5, Part 2), P-313, 2003.
191. Zimlichman, R.; Boaz, M.; Duprez, D.; Rahn, K.-H.; Rizzoni, D.; Payeras, A.C.; Hamm, C.; McVeigh, G. **“Effects of Family History of Hypertension and CVA on Arterial Elasticity in Healthy European Population – The Seven European Sites Study of Arterial Elasticity (AE).”** AMERICAN JOURNAL of HYPERTENSION 16:(No.5, Part 2), P-314, 2003.
192. Zimlichman, R.; Boaz, M.; Duprez, D.; Rahn, K.-H.; Rizzoni, D.; Payeras, A.C.; Hamm, C.; McVeigh, G. **“The Seven European Sites Study of Arterial Elasticity – Using the Blood Pressure Waveform Analysis – Reliability, Repeatability and Establishment of Normal Values for Healthy European Population with Comparison to Healthy U.S. Population.”** AMERICAN JOURNAL of HYPERTENSION 16:(No.5, Part 2), P-315, 2003.
193. Bennett, S.A.; Turner, J.; Rubio, N.; Brosnan, C.; Poffenbarger, T.; Sorof, J.M.; Gilson, K.; Samuels, J.; Portman, R.J. **“Large and Small Vessel Vascular Compliance (C) as Measured by Radial Artery Pulse Wave Contour Analysis in Healthy School Age Children.”** AMERICAN JOURNAL of HYPERTENSION 16:(No.5, Part 2), P-546, 2003.
194. Shargorodsky, M.; Wainstein, G.; Gavish, E.; Leibovitz, Z.; Matas, D.; Zimlichman, R. **“Treatment With Rosiglitazone Reduces Hyperinsulinemia and Improves Arterial Elasticity in Patients With Type 2 Diabetes Mellitus.”** AMERICAN JOURNAL of HYPERTENSION 16:(No. 8), 617-622, 2003.
195. McVeigh, G.E.; Hamilton, P.K.; Morgan, D.R. **“Evaluation of Mechanical Arterial Properties: Clinical, Experimental and Therapeutic Aspects.”** CLINICAL SCIENCES 102, 51-67, 2003.

Bibliography

196. McVeigh, G.E. **“Pulse Waveform Analysis and Arterial Wall Properties.”** HYPERTENSION 41:1010-1011, 2003.
197. Syeda, B.; Gotsauner-Wolf, M.; Denk, S.; Pichler, P.; Khorsand, A.; Glogar, D. **“Arterial Compliance: A Diagnostic Marker for Atherosclerotic Plaque Burden?”** AMERICAN JOURNAL of HYPERTENSION 16:356-362, 2003.
198. Longo D.; Toffanin, G.; Garbelotto, R.; Sanigi, C.; Frezza, P.; Zaetta, S.; Businaro, R.; Mos, L.; Pessina, A.C.; Palatini, P. **“Impaired Arterial Compliance is More Common in Hypertensive Women than Men.”** JOURNAL of HYPERTENSION 21:(Suppl. 4), Poster No. P2.105, pg. S153, June 2003. (Presented at the 13th European Meeting on Hypertension, Milan, Italy, June 2003).
199. Leibovitz, E.; Beniashvili, M.; Zimlichman, R.; Freiman, A.; Shargorodsky, M.; Gavish, D. **“Treatment with Amlodipine and Atorvastatin Have Additive Effect in Improvement of Arterial Elasticity in Hypertensive Hyperlipidemic Patients.”** JOURNAL of HYPERTENSION 21:(Suppl. 4), Poster No. P2.119, pg. S156, June 2003. (Presented at the 13th European Meeting on Hypertension, Milan, Italy, June 2003).
200. Oren, S.; Isakov, I.; Yosefi, C.; Turkot, S.; Golzman, B.; Kogan, Y. **“An Evaluation of Short and Long Term Effects of Smoking and Smoking Cessation on Arterial Compliance by Non-Invasive Pulse Wave Analysis.”** JOURNAL of HYPERTENSION 21:(Suppl. 4), Poster No. P2.122, pg. S157, June 2003. (Presented at the 13th European Meeting on Hypertension, Milan, Italy, June 2003).
201. Sperduti, L.; Germano, G.; Giordano, M.; Marchetti, P.; Terlizzi, R.; Marchini, C.; Masciangelo, V.; Ragazzo, M.; Magliocco, C.; Perrone, A. **“Obstructive Sleep Apnea Syndrome and Arterial Compliance.”** JOURNAL of HYPERTENSION 21:(Suppl. 4), Poster No. P3.75, pg. S247, June 2003. (Presented at the 13th European Meeting on Hypertension, Milan, Italy, June 2003).
202. Cohn, J.N.; Hoke, L.; Whitwam, W.; Sommers, P.; Taylor, A.; Duprez, D.; Roessler, R.; Florea, N. **“Screening for Early Detection of Cardiovascular Disease in Asymptomatic Individuals.”** AMERICAN HEART JOURNAL 146(No.4), 679-685, 2003.
203. Leibovitz, E.; Beniashvili, M.; Zimlichman, R.; Freiman, A.; Shargorodsky, M.; Gavish, D. **“Treatment with Amlodipine and Atorvastatin Have Additive Effect in Improvement of Arterial Compliance in Hypertensive Hyperlipidemic Patients.”** AMERICAN JOURNAL of HYPERTENSION 16:715-718, 2003.
204. Gadegbeku, C.; Shrayyef, Z.M.; Ullian, M. **“Hemodynamic Effects of Chronic Hemodialysis Therapy Assessed by Pulse Waveform Analysis.”** AMERICAN JOURNAL of HYPERTENSION 16:814-817, 2003.
205. Sersi, M.E.; Maheendran, K.; MN Noriah; AR Tarik; OH Kasule. **“Establishing a Cardiovascular Profile in a Selected Group of Normal Persons from the Population in Kuantan, Pahang (Malaysia) Using a Novel Equipment – The HDI-CR2000.”** THE INTERNATIONAL MEDICAL JOURNAL Vol 2, No. 1, pp. 1-14, 2003.
- 205A. Brook, R.D.; Glazewski, L.; Rajagopalan, S.; and Bard, R.L. **“Hypertension and Triglyceride Catabolism: Implications for the Hemodynamic Model of the Metabolic Syndrome.”** JOURNAL of the AMERICAN COLLEGE of NUTRITION, 22(4):290-295, 2003.
206. Staffileno, B.A.; Minnick, A.F.; Dumasius, A.; Hollenberg, S.M. **“Accumulated Physical Activity Improves Arterial Compliance and Pressure Load Indices in Hypertensive African-American Women.”** JOURNAL of the AMERICAN COLLEGE OF CARDIOLOGY 43:(No. 5 Suppl A), Abstract No. 1009-170, 2004.
207. Hughes, S.M.; Dixon, L.J.; Morgan, D.R.; Plumb, R.; Gamble, A.; Rea, D.; McGivern, C.; McVeigh, G.E. **“The Assessment of Arterial Compliance Using Noninvasive Techniques: A Comparison of Radial and Ocular Measures of Arterial Pressure and Flow.”** JOURNAL of the AMERICAN COLLEGE of CARDIOLOGY 43:(No. 5 Suppl A), Abstract No. 1027-192, 2004.

Bibliography

208. Waring, L.D.; Nair, N.; Umoh, E.M.; Cooke, J.P. **“Vascular Compliance Versus Endothelial Function: Which Correlates Better to Risk Factor Score?”** JOURNAL of the AMERICAN COLLEGE of CARDIOLOGY 43:(No. 5 Suppl A), Abstract No. 1065-171, 2004.
209. Duprez, D.A.; Whitwam, W.; Kaiser, D.R.; Finkelstein, S.M.; Glasser, S.P.; Belecazar, A.; Patterson, R.; Cohn, J.N. **“Systolic Reflective Index: A New Parameter to Study Arterial Elasticity.”** JOURNAL of the AMERICAN COLLEGE of CARDIOLOGY 43:(No. 5 Suppl A), Abstract No. 873-5, 2004.
210. Cohn, J.N. **“Introduction to Surrogate Markers.”** CIRCULATION 109 (Suppl IV): 20-21, 2004.
211. Cohn, J.N.; Quyyum, A.A.; Hollenberg, N.K.; Jamerson, K.A. **“Surrogate Markers for Cardiovascular Disease.”** CIRCULATION 109 (Suppl IV): 31-47, 2004.
212. Palatini, P.; Longo, D.; Toffanin, G.; Bertolo, O.; Zaetta, V.; and Pessina, A.C. **“Wrist Blood Pressure Overestimates Blood Pressure Measured at the Upper Arm.”** BLOOD PRESSURE MONITORING 9 (No. 2): 77-81, February 2004.
- 212A. McGavock, J.M.; Mandic, S.; Vonder Muhll, I.; Lewanczuk, R.Z.; Quinney, H.A.; Taylor, D.A.; Welsh, R.C.; and Haykowsky, M. **“Low Cardiorespiratory Fitness is Associated with Elevated C-Reactive Protein Levels in Women with Type 2 Diabetes.”** DIABETES CARE 27(2):230-325, February 2004.
213. Wilson, A.M.; O’Neal, D; Nelson, C.L.; Prior, D.L.; Best, J.D.; and Jenkins, A.J. **“Comparison of Arterial Assessments in Low and High Vascular Disease Risk Groups.”** AMERICAN JOURNAL of HYPERTENSION 17:285-291, March 2004.
- 213A. Resnick, LM; Catanzaro, D.; Sealey, JE; and Laragh, JH. **“Acute Vascular Effects of the Angiotensin II Receptor Antagonist Olmesartan in Normal Subjects: Relation to the Renin-Aldosterone System.”** AMERICAN JOURNAL of HYPERTENSION 17 (No. 3): 203-8, March 2004.
- 213B. Cohen, D.L.; Warburton, K.M.; Warren, G.; Bloom, R.D.; Townsend, R.R. **“Pulse Wave Analysis to Assess Vascular Compliance Changes in Stable Renal Transplant Recipients.”** AMERICAN JOURNAL of HYPERTENSION 17 (No. 3):209-212.
214. Nasher, K.; Nguyen, J.P.; Jersi, A.; Morrow, J.D.; and Egan, B.M. **“Angiotensin Receptor Blockade Improves Arterial Distensibility and Reduces Exercise-Induced Pressor Responses in Obese Hypertensive Patients With the Metabolic Syndrome.”** AMERICAN JOURNAL of HYPERTENSION 17 (No. 6): 447-482, June 2004.
215. Duprez, D.A.; Kaiser, D.R; Whiwam, W.; Finkelstein, S.; Belalcazar, A.; Patterson, R.; Glasser, S.; and Cohn, J.N. **“Determinants of Radial Artery Pulse Wave Analysis in Asymptomatic Individuals.”** AMERICAN JOURNAL of HYPERTENSION 17 (No. 8):647-653, August 2004.
216. Tao, J.; Jin, Y.; Yang, Z.; Wang, L.; Gao, X.; Liu, L., and Ma, H. **“Reduced Arterial Elasticity is Associated with Endothelial Dysfunction in Persons of Advancing Age: Comparative Study of Noninvasive Pulse Wave Analysis and Laser Doppler Blood Flow Measurement.”** AMERICAN JOURNAL of HYPERTENSION 17 (No. 8):654-659, August 2004.
- 216A. Mlehusch, W.; Schillinger, M.; Sabeti, S.; Al-Awami, M.; Gschwandtner, M.; and Minar, E. **“Effects of Intravenous Prostaglandin E1 on Arterial Compliance: A Randomized Controlled Trial.”** VASA 33 (No. 3) 131-136, August 2004.
217. Clifton, P.M. **“Effect of Grape Seed Extract and Quercetin on Cardiovascular and Endothelial Parameters in High-Risk Subjects.”** JOURNAL of BIOMEDICINE and BIOTECHNOLOGY 5:273-278, 2004.
- 217A. Skrabel, F. **“Arterial Elasticity, Arterial Hypertension and Antihypertensive Therapy.”** WIEN MED WOCHENSCHR. 154(1-2): 24-26, 2004.

Bibliography

218. Egan, B.M.; Ooadenetruiy, V.; Wofford, M.; Calhoun, D.; Fernandes, J.; Riehle, J.E.; Nesbitt, S.; Michelson, E.; and Julius, S. **“Metabolic Syndrome and Insulin Resistance in the TROPHY Sub-Study: Contracting Views in Patients with High-Normal Blood Pressure.”** AMERICAN JOURNAL of HYPERTENSION 18 (No. 1):3-12, January 2005.
- 218A. Li, X.L.; Jiang, S.H.; Zhang, H.F.; Wang, Z.Z.; and Huang, J. **“Association of Cardiovascular Risk Factors and Small Arterial Elasticity.”** ZHONGHUA XIN XUE GUAN BING ZA ZHI 33(No. 1): 37-40, January 2005.
219. Zimlichman, R.; Shargorodsky, M.; Boaz, M.; Duprez, D.; Rahn, K-H.; Rizzoni, D.; Paeras, A.C.; Hamm, C.; and McVeigh, G. **“Determination of Arterial Compliance Using Blood Pressure Waveform Analysis with the CR-2000 System: Reliability, Repeatability, and Establishment of Normal Values for Healthy European Population – The Seven European Sites Study (SESS).”** AMERICAN JOURNAL of HYPERTENSION 18 (No. 1):65-71, January 2005.
220. Woodman, R.J.; Kingwell, B.A.; Beilin, L.J.; Hamilton, S.E.; Dart, A.M.; and Watts, G.F. **“Assessment of Central and Peripheral Arterial Stiffness: Studies Indicating the Need to Use as Combination of Techniques.”** AMERICAN JOURNAL of HYPERTENSION 18 (No. 2, Part 1):249-260, February 2005.
221. Tao, J.; Tu, C.; Wang, Y.; Yang, Z.; Liu, DH, Xu, M.G.; Wang, H.M.; Zhang, Y.; Zeng, Q.Y.; and Chen, G.W. **“Impaired Endothelium-Dependent Vasodilation and Arterial Elasticity in Patients With Coronary Artery Disease.”** ZHONGHUA XIN XUE GUAN BING ZA ZHI 33(No. 2): 150-152, February 2005.
222. Li, H.; Srinivasan, S.R.; Chen, W.; Xu, J.H.; Li, S.; and Berenson, G.S. **“Vascular Abnormalities in Asymptomatic, Healthy Young Adult Smokers Without Other Major Cardiovascular Risk Factors: The Bogalusa Heart Study.”** AMERICAN JOURNAL of HYPERTENSION 18 (No. 3):319-324, March 2005.
223. Kogan, J.; Turkot, S.; Golzman, B.; and Oren, S. **“Small Artery Compliance in Cirrhotic Patients During Total Paracentes.”** ISRAEL MEDICAL ASSOCIATION JOURNAL 7 (No. 4): 233-236, April 2005.
224. Tao, J. Wang, Y.; Yang, Z.; Tu, C.; Xu, M.G.; Wang, J.M.; Wang, Q.; Zeng, Q.Y.; Chen, G.W.;and Ma, H. **“A Study of Association Between Age-Related Circulating Endothelial Progenitor Cells and Arterial Elasticity.”** ZHONGHUA XIN XUE GUAN BING ZA ZHI 33 (No. 4): 347-350, April 2005.
225. Byhuiyan, A.R.; Li, S.; Li, H.; Chen, W.; Srinivasan, S.R.; and Berenson, G.S. **“Distribution and Correlates of Arterial Compliance Measures in Asymptomatic Young Adults: The Bogalusa Study.”** AMERICAN JOURNAL of HYPERTENSION 18 (No. 5, Part 1): 684-691, May 2005.
- 225A. Shimada, T.; Takahashi, N.; Murakami, Y.; Katoh, H.; Oyake, N.; Ishibashi, Y.; Nishino, I.; Nonaka, I.; Goto, Y. **“Vascular Involvement in a Patient with Mitochondrial Myopathy, Encephalopathy, latic Acidosis, and Stroke-Like Episodes.”** THE AMERICAN JOURNAL of the MEDICAL SCIENCES 329 (No 5): 265-266, May 2005.
226. Somasundaram, P.E.; Duprez, D.A.; Sigurdsson, G.; Hoke, L.; Florea, N.; and Cohn, J.N. **“Relationship Between C-Reactive Protein and Arterial Stiffness in an Asymptomatic Population.”** JOURNAL of HUMAN HYPERTENSION 19: 515-519, May 2005.
- 226A. Garg, J.P.; Ellis, R.; Elliott, W.J.; Hasabou, N.; Chua, D.; Chertow, G.; and Bakris, G. **“Angiotensin Receptor Blockade and Arterial Compliance in Chronic Kidney Disease: A Pilot Study.”** AMERICAN JOURNAL OF NEPHROLOGY 25:393-399, July 25, 2005.
227. Cohn, J.N.; Duprez, D.A.; and Grandits, G.A. **“Arterial Elasticity as Part of a Comprehensive Assessment of Cardiovascular Risk and Drug Treatment.”** HYPERTENSION 46:217-220, July 2005.
228. Li, X.L.; Liang, L.R.; Ni, C.H.; Wang, Z.Z.; Li, A.P.; Liao, J.; Zhou, J.W.; Cao, K.J.; and Huang, J. **“Relationship between the Aldosterone Synthase (CYP11B2)-344C/T Polymorphism and Small Artery Compliance.”** ZHONGHUA XIN XUE GUAN BING ZA ZHI 33 (No. 7): 599-602, July 2005.

Bibliography

229. Takeuchi, K.; Ideishi, M.; Tashiro, T.; Morishige, N.; Yamada, T.; Saku, K.; and Urata, H. **“Higher Small Arterial Elasticity in Hypertensive Patients Treated With Angiotensin II Receptor Blockers.”** HYPERTENSION RESEARCH 28 (No. 8): 639-644, August 2005.
- 229A. Giles, T.D.; Berk, B.C.; Black, H.R.; Cohn, J.N.; Kostis, J.B.; Izzo, J.L.; Weber, M.A. **“Expanding the Definition and Classification of Hypertension.”** THE JOURNAL of CLINICAL HYPERTENSION 7 (No. 9), September 2005.
230. Blendea, M.C.; Bard, M.; Sowers, J.R.; and Winer, N. **“High-Fat Meal Impairs Vascular Compliance in a Subgroup of Young Healthy Subjects.”** METABOLISM 54: 1337-1344, October 2005.
231. Martinex-Castelao, A.; Sarrias, X.; Bestard, O.; Gil-Vernet, S.; Seron, D.; Cruzado, J.M.; Moreso, F.; Diez-Noguera, A.; and Grinyo, J.M. **“Arterial Elasticity Measurement in Renal Transplant Patients Under Anticalcineurin Immunosuppression.”** TRANSPLANTION PROCEEDINGS 37: 3788-3790, 2005.
232. Zhang, H.F.; Li, X.L.; Xie, S.F.; Zhu, J.; Wang, Z.Z.; Liang, L.R.; Cao, K.J.; De, W.; Yuan, L.; Huang, J. **“ADRA2B Gene Insertion/Depletion Polymorphism and Artery Compliance.”** CHINESE MEDICAL JOURNAL 118 (No. 21): 1797-1802, 2005.
233. Winer, N.; Folker, A.; Murphy, J.A.; Hung, E.; Bard, M.; Perkelvald, A.; Sowers, J.R.; and Bakris, G.L. **“Effect of Fixed-Dose ACE-Inhibitor/Calcium Channel Blocker Combination Therapy vs. ACE-Inhibitor Monotherapy on Arterial Compliance in Hypertensive Patients with Type 2 Diabetes.”** PREVENTATIVE CARDIOLOGY 8 (No. 2): 87-92, 2005.
- 233A. Nair, N.; Oka R.K.; Waring, L.D.; Umoh, E.M.; Taylor, C.B.; and Cooke, J.P. **“Vascular Compliance Versus Flow-Mediated Vasodilation: Correlation with Cardiovascular Risk Factors.”** VASCULAR MEDICINE 10: 1-9, 2005.
234. Tao, J.; Wang, Y.; Tu, C.; Xu, M.G.; and Wang, J.M. **“Circulating Endothelial Progenitor Cell Deficiency Contributes to Impaired Arterial Elasticity in Persons of Advancing Age.”** JOURNAL of HUMAN HYPERTENSION February 2006.
235. Bhuiyan, A.R.; Srinivasan, S.R.; Chen, W.; Paul, T.K.; and Berenson, G.S. **“Correlates of Vascular Structure and Function Measures in Asymptomatic Young Adults: The Bogalusa Heart Study.”** ATHEROSCLEROSIS March 2006.
236. Shargorosdsky, M.; Flead, A.; Boaz, M.; Gavish, D.; and Zimlichman, R. **“The Effect of a Rapid Weight Loss Induced by Laparoscopic Adjustable Gastric Banding on Arterial Stiffness, Metabolic and Inflammatory Parameters in Patients with Morbid Obesity.”** INTERNATIONAL JOURNAL of OBESITY March 2006.
237. Lee, A.B.; Godfrey, T.; Rowley, K.G.; Karschikus, C.S.; Dragicevic, G.; Romas, E.; Clemens, L.; Wilson, A.M.; Nikpour, M.; Prior, D.L.; Best, J.D.; and Jenkins, A.J. **“Traditional Risk Factor Assessment Does Not Capture the Extent of Cardiovascular Risk in Systemic Lupus Erythematosus.”** INTERNAL MEDICINE JOURNAL 36(4):237-243, April 2006.
238. Shargorosdsky, M.; Serov, S.; Gavish, D.; Leibovitz, E.; Harpaz, D.; and Zimlichman, R. **“Long-Term Thyrotropin-Suppressive Therapy with Levothyroxine Impairs Small and Large Artery Elasticity and Increases Left Ventricular Mass in Patients with Thyroid Carcinoma.”** THYROID 16(4):381-386, April 2006.
239. Reitblat, T.; Polishchuk, I.; Zamir, D.; Isakov, I.; and Oren, S. **“Arterial Compliance: Is it Reduced in Antiphospholipid Syndrome?”** JOURNAL of HUMAN HYPERTENSION 20(7): 504-509, July 2006.
240. Leibovitz, E.; Chen, O.; Tanai, A.; Orbach, H.; Zimlichman, R.; and Gavish, D. **“Corticosteroid But Not Hydroxychloroquine Treatment Prevents the Deterioration of Large Artery Elasticity of SLE Patients.”** JOURNAL of CLINICAL HYPERTENSION 8(No. 5, Suppl A): Poster P-17, pg. A15-6, 2006.

Bibliography

241. Duprez, D.; Florea, N.; Jones, K.; Hoke, L.; and Cohn, J.N. **“Beneficial Effects of Valsartan on the Rasmussen Risk Score in Asymptomatic Individuals at High Risk.”** JOURNAL of CLINICAL HYPERTENSION 8(No. 5, Suppl A): Poster P-88, pg. A44, 2006.
242. Fabregate, R.; Sanchez, O.; Ugalde-Canitrot, A.; Sanchez-Largo, E.; Fabregate, M.; Coca-Robinot, D.; Marques, J.; and Saban-Ruiz, J. **“Ambulatory Blood Pressure Monitoring (ABPM) and Artery Elasticity Indexes in Patients With Elevated High Sensitivity C-Reactive Protein Levels.”** JOURNAL of CLINICAL HYPERTENSION 8(No. 5, Suppl A): Poster P-142, pg. A66, 2006.
243. Shargorodsky, M.; Gutman, H.; Brendeis, R.; Gavish, D.; and Zimlichman, R. **“The Link Between Nitric Oxide System and Aldosterone: Long Term Oral Supplementation of L-Arginine Improves Arterial Elasticity and Hemodynamic Variables.”** JOURNAL of CLINICAL HYPERTENSION 8(No. 5, Suppl A): Poster P-153, pg. A70, 2006.
244. Goldberg, Y.; Schargorodkey, M.; Gavish, D. and Zimlichman, R. **“Weight Loss and Mild Physical Activity Improve Small and Large Arterial Elasticity and Lower Blood Pressure in Obese Patients.”** JOURNAL of CLINICAL HYPERTENSION 8(No. 5, Suppl A): Poster P-615, pg. A251, 2006.
245. Westoff, T.H.; Straub-Hohenbleicher, H.; Basdorf, M.; Van der Geit, S.; Schmidt, S. Offermann, G.; Schlattmann, P.; Zidek, W.; and Van der Giet, M. **“Time-Dependent Effects of Cadaveric Renal Transplantation on Arterial Compliance in Patients with End-Stage Renal Disease.”** TRANSPLANTATION 81(10):1410-1414, May 27, 2006.
246. Prisant, M.L.; Mehta, P.; Arora, V.; Gentry, M.; and Waller, J.L. **“Relationship Between Glycosylated Hemoglobin and Arterial Elasticity.”** PREVENTATIVE CARDIOLOGY 160-165. Summer 2006.
247. Li, B.; Gao, H.; Liu, Y.; and Wang, M. **“Correlation Between Brachial-Ankle Pulse Wave Velocity and Arterial Compliance and Cardiovascular Risk Factors in Elderly Patients with Arteriosclerosis.”** HYPERTENSION RESEARCH 29(5):309-314, May 2006.
- 247A. Wu, G.; Tian, H.; Han, K.; Xi, Y.; Yao, Y.; Ma, A. **“Potassium Magnesium Supplementation for Four Weeks Improves Small Distal Artery Compliance and reduces Blood Pressure in Patients with Essential Hypertension.”** CLINICAL and EXPERIMENTAL HYPERTENSION 28 (5): 487-497, 5 June 2006.
248. Rafidah, H.M.; Azizi, A.; and Noriah, M.N. **“Blood Pressure Variability and Arterial Elasticity in Hypertensive Subjects.”** MEDICAL JOURNAL of MALAYSIA 61(2):189-198, June 2006.
249. Wu, G.; Tian, H.; Han, K.; Xi, Y.; Yao, Y.; and Ma, A. **“Potassium Magnesium Supplementation for Four Weeks Improves Small Distal Artery Compliance and Reduces Blood Pressure in Patients with Essential Hypertension.”** CLINICAL and EXPERIMENTAL HYPERTENSION 28(5):489-497, July 2006.
250. Clark, R.; Benkert, R.A.; and Flack, J.M. **“Large Artery Elasticity Varies as a Function of Gender and Racism-Related Vigilance in Black Youth.”** JOURNAL of ADOLESCENT HEALTH 39(4):562-569, July 2006.
251. Ergul, A.; Jupin, D.; Johnson, M.H.; and Prisant, L.M. **“Elevated Endothelin-1 Levels are Associated with Decreased Arterial Elasticity in Hypertensive Patients.”** JOURNAL of CLINICAL HYPERTENSION 8(8):549-554, August 2006.
252. Mason, N.J.; Jenkins, A.J.; Best, J.D.; and Rowley, K.G. **“Exercise Frequency and Arterial Compliance in Non-Diabetic and Type 1 Diabetic Individuals.”** EUROPEAN JOURNAL of CARDIOVASCULAR PREVENTATIVE and REHABILITATION 13(4):598-603, August 2006.
253. Li, H.; Srinivasan, S.R.; and Berenson, G.S. **“Comparison of the Measures of Pulsatile Arterial Function Between Asymptomatic Younger Adult Smokers and Former Smokers: The Bogalusa Heart Study.”** AMERICAN JOURNAL of HYPERTENSION 19(9):897-901, September 2006.

Bibliography

254. Kals, J.; Kampus, P.; Kals, M.; Zilmer, K.; Kullisaar, T.; Teesalu, R.; Pulges, A.; and Zilmer, M. **“Impact of Oxidative Stress on Arterial Elasticity in Patients with Atherosclerosis.”** AMERICAN JOURNAL of HYPERTENSION 19(9):902-908, September 2006.
255. Longo, D.; Zaetta, V.; Perkovic, D.; Frezza, P.; Ragazzo, F.; Mos, L.; Santonastaso, M.; Garbelotto, R.; Benetos, A.; and Palatini, P. **“Impaired Arterial Elasticity in Young Patients with White-Coat Hypertension.”** BLOOD PRESSURE MONITORING 11(5):243-249, October 2006.
256. Prisant, L.M.; Loebl, D.H., Jr.; and Waller, J.L. **“Arterial Elasticity and Erectile Dysfunction in Hypertensive Men.”** JOURNAL of CLINICAL HYPERTENSION 8(11): 768-774, November 2006.
257. Shargorodsky, M.; Flead, A.; Boaz, M.; Gavish, D.; Zimlichman, R. **“The effect of rapid weight loss induced by laparoscopic adjustable gastric banding on arterial stiffness, metabolic and inflammatory parameters in patients with morbid obesity.”** INTERNATIONAL JOURNAL of OBESITY 30(11):1632-8, November 2006.
258. Meyer, B.J.; Hammervold, T.; Rustan, A.C.; Howe, P.R.C. **“Dose-Dependent Effects of Docosahexaenoic Acid Supplementation on Blood Lipids in Statin-Treated Hyperlipidaemic Subjects.”** SPRINGER and AOCs PUBLISHING DOI 10.1007/s11745-006-3014-4, December 2006.
259. Nemets, A.; Isakov, I.; Huerta, M.; Barshai, Y.; Oren, S.; and Lugassy, G. **“Evaluation of Arterial Compliance in Polycythemia Vera Patients: Short and Long-Term Influence of Phlebotomy.”** THE ISRAEL MEDICAL ASSOCIATION JOURNAL 8(12):845-847, December 2006.
260. Dogra, G.; Irish, A.; Chan, D.; and Watts, G. **“Insulin Resistance, Inflammation, and Blood Pressure Determine Vascular Dysfunction in CKD.”** AMERICAN JOURNAL of KIDNEY DISEASES 48(6):923-934, December 2006.
- 260A. Acree, L.; Montgomery, P.; Gardner, A. **“The influence of obesity on arterial compliance in adult men and women.”** VASCULAR MEDICINE 12 (3): 183-188, 2007.
261. Gilani, M.; Kaiser, D.; Bratteli, C.W.; Alinder, C.; Rajala, S.; Bank, A.J., Cohn, J.N. **“Role of nitric oxidedeficiency and its detection as a risk factor in pre-hypertension.”** JOURNAL of THE AMERICAN SOCIETY of HYPERTENSION 1(1):45-55, 2007.
- 261A. Li, X.; Xu, Q.; Tong, M.; Lu, X.; Zhang, H.; Zhou, Y.; Cao, K.; Huang, J. **“Microalbuminuria associated with systolic blood pressure and arterial compliance in Chinese metabolic syndrome patients.”** CHINESE MEDICAL JOURNAL 120 (16): 1395-1399, 2007.
262. Tao, J.; Liu, D.H.; Wang, L.C.; Wang, J.M.; Wang, Y.; Lou, Z.F.; and Tang, A.L. **“Arterial Elasticity Identified by Pulse Wave Analysis and its Relation to Endothelial Function in Patients with Coronary Artery Disease.”** JOURNAL of HUMAN HYPERTENSION 21(2):149-153, February 2007.
263. Houston, M.C.; Cooil, B.; Olafsson, B.J.; and Raggi, P. **“Juice Powder Concentrate and Systemic Blood Pressure, Progression of Coronary Artery Calcium and Antioxidant Status in Hypertensive Subjects: A Pilot Study.”** EVIDENCE-BASED COMPLEMENTARY and ALTERNATIVE MEDICINE, Online Publication: February 7, 2007.
- 263A. Fjeldstad, A.S.; Fjeldstad, C.; Acree, L.S.; Nickel, K.J.; Montgomery, P.S.; Comp, P.C.; Whitsett, T.L.; Gardner, A.W. **“The relationship between arterial elasticity and metabolic syndrome features.”** ANGIOLOGY 58 (1): 5-10, Feb-Mar 2007.
264. Westhoff, T.H.; Schmidt, S.; Vallbracht-Israng, K.; Yildirim, H.; Franke, N.; Dimeo, F.; Zidek, W.; and van der Giet, M. **“Small Artery Elasticity Assessed by Pulse Wave Analysis is No Measure of Endothelial Dysfunction.”** JOURNAL of HYPERTENSION 25(3): 571-576, March 2007.
265. Duprez, D.A.; Florea, N.; Xu, J.; Grandits, G.A.; Hoke, L.; Cohn, J.N. **“Increased Retinal Abnormalities are Associated with Decreased Large and Small Artery Elasticity.”** THE JOURNAL of CLINICAL HYPERTENSION 9(5) Supplement A, A8: 7, May 2007.

Bibliography

266. Valappil, N.I.; Jacobs, D.R.; Gross, M.D.; Arnett, D.K.; Glasser, S.P. **“Correlates of Arterial Compliance in Young Adults: The CARDIA Study.”** THE JOURNAL of CLINICAL HYPERTENSION 9(5) Supplement A, A10: 12, May 2007.
267. Sun, N.; Ma, Z. **“Artery Compliance Under Different Blood Pressure and Plasma Glucose Levels.”** THE JOURNAL of CLINICAL HYPERTENSION 9 (5) Supplement A, A14: 21, May 2007.
268. Sun, N.; Xi, Y.; Feng, H. **“Different Arterial Elasticity in Patients with Different Levels of Blood Pressure and Blood Glucose.”** THE JOURNAL of CLINICAL HYPERTENSION 9(5) Supplement A, A20: 37, May 2007.
269. Shargorodsky, M.; Confino, K.; Gavish, D.; Matas, Z.; Fuchs, M.; Zimlichman, R. **“Effects of Long Term Treatment with Spironolactone on Arterial Elasticity in Patients with Cardiovascular Risk Factors and/or Artherosclerosis.”** THE JOURNAL of CLINICAL HYPERTENSION 9(5) Supplement A, A22-23: 43, May 2007.
270. Shargorodsky, M.; Debby, O.; Gavish, D.; Matas, Z.; Fuchs, M.; Boaz, M.; Zimlichman, R. **“The Effect of Prolonged Treatment with Antioxidants: Vitamin C, E, Coenzyme Q10 and Selenium on Arterial Compliance, Humoral, Metabolic and Inflammatory Factors in Patients with CVRF or Atherosclerosis.”** THE JOURNAL of CLINICAL HYPERTENSION 9(5) Supplement A, A23: 44, May 2007.
271. Fabregate, R.; Sanchez, O.; Fabregate, M.; De La Torre, N.; Ugalde, A.; Saban-Ruiz, J. **“Immediate Response to Oral Ramipril Improvement of Vascular Elasticity and Endothelial Function.”** THE JOURNAL of CLINICAL HYPERTENSION 9(5) Supplement A, A23: 45, May 2007.
272. Saban-Ruiz, J.; Sanchez, O.; Fabregate, R.; Fabregate, M.; De La Torre, N.; Ugalde, A. **“Microcirculatory Endothelial Function and a Non-Invasive Hemodynamic Evaluation in High Risk Cardiovascular Patients.”** THE JOURNAL of CLINICAL HYPERTENSION 9(5) Supplement A, A25: 49, May 2007.
273. Fabregate, M.; Fabregate, R.; Sanchez, O.; Ugalde, A.; De La Torre, N.; Campoy, J.; Saban-Ruiz, J. **“Vascular Impact of Ferritin in High Risk Cardiovascular Patients.”** THE JOURNAL of CLINICAL HYPERTENSION 9(5) Supplement A, A48-49: 106, May 2007.
274. Hill, A.M.; Buckley, J.D., Murphy, K.J., Howe, P.R.C. **“Combining fish-oil supplements with regular aerobic exercise improves body composition and cardiovascular disease risk factors.”** THE AMERICAN JOURNAL of CLINICAL NUTRITION 85: 1267-74, May 2007.
275. Shargorodsky, M.; Hass, E.; Boaz, M.; Gavish, D.; Zimlichman, R. **“High dose treatment with angiotensin II receptor blocker in patients with hypertension: Differential effect of tissue protection versus blood pressure lowering.”** ATHEROSCLEROSIS, doi:10.1016/j.atherosclerosis.2006.12.036, June 2007.
276. Tanay, A.; Leibovitz, E.; Frayman, A.; Zimlichman, R.; Gavish, D. **“Vascular Elasticity of Systemic Lupus Erythematosus Patients is Associated with Steroids and Hydroxychloroquine Treatment.”** ANNUAL NY ACADDEMY OF SCIENCE 1108: 24-35, June 2007.
277. Shargorodsky, M.; Michaelova, K.; Boaz, M.; Gavish, D.; Zimlichman, R. **“Effects of Long-Term Treatment with Rosiglitazone on Arterial Elasticity and Metabolic Parameters in Patients with Type 2 Diabetes Mellitus: a 2-year follow-up study.”** DIABETIC MEDICINE August, 2007.
278. Kaluski, E.; Cotter, G.; Leitman, M.; Milo-Cotter, O.; Krakover, R.; Kobrin, I.; Moriconi, T.; Rainisio, M.; Caspi, A.; Reizin, L.; Zimlichman, R.; Vered, Z. **“Clinical and Hemodynamic Effects of Bosentan Dose Optimization in Symptomatic heart Failure Patients with Systolic Dysfunction, Associated with Secondary Pulmonary Hypertension- A Multi-Center Randomized Study.”** CARDIOLOGY 109(4): 273-280, September 2007.

Bibliography

- 278A. Wang, S.; Ma, A-Q.; Song, S-W.; Quan, Q-H.; Zhao, X-F.; Zheng, X-H. **“Fish oil supplementation improves large and small arterial elasticity in overweight hypertensive patients.”** EUROPEAN JOURNAL of CLINICAL NUTRITION, 5 September 2007.
279. Winer, N.; and Sowers, J.R. **“Diabetes and Arterial Stiffening.”** ADVANCES in CARDIOLOGY 44: 245-251, 2007.
280. Shargorodsky, M.; Boaz, M.; Davidovitz, I.; Asherov, J.; Gavish, D.; and Zimlichman, R. **“Treatment of Hypertension with Thiazides: Benefit or Damage – Effect of Low- and High-Dose Thiazide Diuretics on Arterial Elasticity and Metabolic Parameters in Hypertensive Patients With and Without Glucose Intolerance.”** JOURNAL OF CARDIOMETABOLIC SYNDROME, 16-22, Winter 2007.
281. Murphy, K.J.; Meyer, B.J.; Mori, T.A.; Burke, V.; Mansour, J.; Patch, C.S.; Tapsell, L.C.; Noakes, M.; Clifton, P.A.; Barden, A.; Puddey, I.B.; Beilin, L.J.; Howe, P.R.C. **“Impact of foods enriched with n-3 long-chain polyunsaturated fatty acids on erythrocyte n-3 levels and cardiovascular risk factors.”** BRITISH JOURNAL OF NUTRITION 97; 749-57, 2007.
282. Wystrychowski, G.; Chudek, J.; Zukowska-Szczechowska, E.; Wiecek, A.; Grzeszczak, W. **“Associations between calcineurin inhibitors and arterial compliance in kidney transplant recipients.”** AMERICAN JOURNAL of NEPHROLOGY 21 (1): 81-92, Jan-Feb 2008.
283. Ge, J.Y.; Li, X.L.; Zhang, H.F.; Xu, Q.; Tong, M.; Wang, J.G. **“Elasticity indices of large and small arteries in relation to the metabolic syndrome in Chinese.”** AMERICAN JOURNAL of HYPERTENSION 21(2):143-147, Feb 2008.
284. Duprez, D.A.; Cohn, J.N. **“Identifying early cardiovascular disease to target candidates for treatment.”** JOURNAL of CLINICAL HYPERTENSION (GREENWICH) 10 (3): 226-231, Mar 2008.
285. Cohn, J.; Goldman, J.M. **“Establishing A New Option for Target-organ Protection: Rationale for ARB Plus ACE Inhibitor Combination Therapy.”** AMERICAN JOURNAL OF HYPERTENSION, 21 (3): 248-256, March 2008.
286. Fjeldstad, A.S.; Montgomery, P.S.; Gardner, A.W. **“Age-Related Differences in Arterial Compliance Are Independent of Body Mass Index.”** ANGIOLOGY, online publication: 2 April 2008.
287. Rondó, P.H.; Lemos, J.O., Pereira, J.A.; Oliveira, J.M.; Innocente, L.R. **“Relationship between birth weight and arterial elasticity in childhood.”** CLINICAL SCIENCE (LONDON), 7 April 2008.
288. Luckish, A.; Cernes, R.; Boaz, M.; Gavish, D.; Matas, Z.; Fux, A.; Shargorodsky, M. **“Effect of long-term treatment with risedronate on arterial compliance in osteoporotic patients with cardiovascular risk factors.”** BONE 22 April 2008.
289. Zhou, Y.; Li, X.; Zhang, H.; Yao, W.; Tong, M.; Zu, Q.; Cao, K.; Huang, J. **“Decreased small arterial compliance with increased serum vascular endothelial growth factor-A and circulating endothelial progenitor cell in dilated cardiomyopathy.”** CHINESE MEDICAL JOURNAL 121 (4): 316-320, 2008.
290. Mashavi_{abg}, M.; Hanah_a, R.; Boaz_c, M.; Gavish_{afg}, D.; Matas_c, Z.; Fux_e, A.; Shargorodsky_{bdfg}, M. **“Effect of homocysteine-lowering therapy on arterial elasticity and metabolic parameters in metformin-treated diabetic patients.”** ATHEROSCLEROSIS 199(2): 362-367, Aug 2008.