

Web-only References

1. Pickering,G.W. The nature of essential hypertension. 1961. London, Churchill.
Ref Type: Serial (Book,Monograph)
2. Milnor,W.R. (1975) Arterial impedance as ventricular afterload. *Circulation Research*, 36, 565-570.
3. Christensen,K.L. & Mulvany,M.J. (2001) Location of resistance arteries. *Journal of Vascular Research*, 38, 1-12.
4. Segers,P., Stergiopoulos,N., & Westerhof,N. (2000) Quantification of the contribution of cardiac and arterial remodeling to hypertension. *Hypertension*, 36, 760-765.
5. O'Rourke,M.F., Vlachopoulos,C., & Graham,R.M. (2000) Spurious systolic hypertension in youth. *Vasc.Med.*, 5, 141-145.
6. Chen,C.H., Ting,C.T., Nussbacher,A., Nevo,E., Kass,D.A., Pak,P., Wang,S.P., Chang,M.S., & Yin,F.C. (1996) Validation of carotid artery tonometry as a means of estimating augmentation index of ascending aortic pressure. *Hypertension*, 27, 168-175.
7. Chen,C.H., Nevo,E., Fetics,B., Pak,P.H., Yin,F.C., Maughan,W.L., & Kass,D.A. (1997) Estimation of central aortic pressure waveform by mathematical transformation of radial tonometry pressure. Validation of generalized transfer function. *Circulation*, 95, 1827-1836.
8. Noble,M.I. (1968) The contribution of blood momentum to left ventricular ejection in the dog. *Circulation Research*, 23, 663-670.
9. Parker,K.H., Jones,C.J., Dawson,J.R., & Gibson,D.G. (1988) What stops the flow of blood from the heart? *Heart Vessels*, 4, 241-245.
10. Wiggers CJ. Studies on the consecutive phases of the cardiac cycle. I. The duration of the consecutive phases of the cardiac cycle and the criteria for their precise determination. *Am J Physiol* 1921;56:415-438.
11. Bellhouse,B.J. & Reid,K.G. (1969) Fluid mechanics of the aortic valve. *Br.Heart J*, 31, 391.

12. Schieken,R.M., Clarke,W.R., & Lauer,R.M. (1981) Left ventricular hypertrophy in children with blood pressures in the upper quintile of the distribution. The Muscatine Study. *Hypertension*, 3, 669-675.
13. Zahka,K.G., Neill,C.A., Kidd,L., Cutilletta,M.A., & Cutilletta,A.F. (1981) Cardiac involvement in adolescent hypertension. Echocardiographic determination of myocardial hypertrophy. *Hypertension*, 3, 664-668.
14. de Visser,D.C., van Hooft,I.M., van Doornen,L.J., Hofman,A., Orlebeke,J.F., & Grobbee,D.E. (1996) Cardiovascular response to physical stress in offspring of hypertensive parents: Dutch Hypertension and Offspring Study. *J Hum Hypertens*, 10, 781-788.
15. Devereux,R.B., de Simone,G., Ganau,A., & Roman,M.J. (1994) Left ventricular hypertrophy and geometric remodeling in hypertension: stimuli, functional consequences and prognostic implications. *J Hypertens Suppl*, 12, S117-S127.
16. Ganau,A., Saba,P.S., Roman,M.J., de Simone,G., Realdi,G., & Devereux,R.B. (1995) Ageing induces left ventricular concentric remodelling in normotensive subjects. *J Hypertens*, 13, 1818-1822.
17. Levy D, Salomen M, D'Agostino RB, Belanger AJ, Kannel WB. Prognostic implications of baseline electrocardiographic features and their serial changes in subjects with left ventricular hypertrophy. *Circulation* 1994;90:1786-93.
18. Rouleau J, Juneau C, Stephens H, Shenasa H, Parmley WW, Brutsaert DL 1989 Mechanical properties of papillary muscle in cardiac failure: importance of pathogenesis and of ventricle of origin. *J Mol Cell Cardiol* 21:817-28.
19. Swynghedauw,B. (1999) Molecular mechanisms of myocardial remodeling. *Physiol Rev.*, 79, 215-262.
20. Vogt M, Motz WH, Schwartzkopf B, Strauer BE 1993 Pathophysiology and clinical aspects of hypertensive hypertrophy. *Eur Heart J* 14(suppl D):2-7.
21. Bonow RO, Udelson JE. Left ventricular diastolic dysfunction as a cause of congestive heart failure. *Ann Intern Med* 1992;117:502-10.
22. Dougherty AH, Naccarelli GV, Gray EL, Hicks CH, Goldstein RA. Congestive heart failure with normal systolic function. *Am J Cardiol* 1984;54:778-82.

23. Bussy,C., Boutouyrie,P., Lacolley,P., Challande,P., & Laurent,S. (2000) Intrinsic stiffness of the carotid arterial wall material in essential hypertensives. *Hypertension*, 35, 1049-1054.
24. Laurent,S., Lacolley,P., Girerd,X., Boutouyrie,P., Bezie,Y., & Safar,M. (1996) Arterial stiffening: opposing effects of age- and hypertension-associated structural changes. *Can.J Physiol Pharmacol.*, 74, 842-849.
25. Laurent,S., Hayoz,D., Trazzi,S., Boutouyrie,P., Waeber,B., Omboni,S., Brunner,H.R., Mancia,G., & Safar,M. (1993) Isobaric compliance of the radial artery is increased in patients with essential hypertension. *J Hypertens*, 11, 89-98.
26. Rizzoni,D., Porteri,E., Guefi,D., Piccoli,A., Castellano,M., Pasini,G., Muiesan,M.L., Mulvany,M.J., & Rosei,E.A. (2000) Cellular hypertrophy in subcutaneous small arteries of patients with renovascular hypertension. *Hypertension*, 35, 931-935.
27. Korner,P.I. & Angus,J.A. (1992) Structural determinants of vascular resistance properties in hypertension. Haemodynamic and model analysis. *J Vasc.Res.*, 29, 293-312.
28. Hansen-Smith,F., Greene,A.S., Cowley,A.W., & Lombard,J.H. (1990) Structural changes during microvascular rarefaction in chronic hypertension. *Hypertension*, 15, 922-928.
29. Hedman,A., Reneland,R., & Lithell,H.O. (2000) Alterations in skeletal muscle morphology in glucose-tolerant elderly hypertensive men: relationship to development of hypertension and heart rate. *Journal of Hypertension*, 18, 559-565.