

REFERENCES

- Adamson, P.B.; Huang, M.H.; Vanoli, E.; Foreman, R.D.; Schwartz, P.J. and Hull, S.S. Jr. (1994):** Unexpected interaction between β -adrenergic blockade and heart rate variability before and after myocardial infarction: a longitudinal study in dogs at high and low risk for sudden death. *Circulation*, 90 : 976 - 982.
- Akselrod, S.; Gordon, D.; Madwed, J.B.; Snidman, N.C.; Shannon, D.C.; Cohen, R.J. (1985):** Hemodynamic regulation: investigation by spectral analysis. *Am J Physiol.* 249:867-875.
- Akselrod, S.; Gordon, D.; Ubel, F.A.; Shannon D.C.; Barger, A.C.; Cohen, R.J.(1981):** Power spectrum analysis of heart rate fluctuation: a quantitative probe of beat to beat cardiovascular control. *Science.*, 213 : 220 - 222.
- Algra, A.; Tijssen, J.G.P.; Roelandt, J.R.T.C.; Pool, J. and Lubsen, J. (1993):** Heart rate variability from 24-hour electrocardiography and the 2-year risk for sudden death. *Circulation.*, 88:180-185.
- Ambepityia, G.; Kopelman, P.G.; Ingram, D.; Swah, M.; Mills, P.G. and Timmis, A.D. (1990):** Exertional myocardial ischemia in diabete : A quantitative analysis of anginal perceptual threshold and the influence of autonomic function. *J. Am. Coll. Cardiol.* 15 - 72 - 77.
- Ambrose, J.A.; Hjemdahl-Monsen, C.E. and Borrico, S. (1988):** Angiographic demonstration of a common link between unstable angina and non-Q-wave myocardial infarction. *Am. J. Cardiol.* 61 : 244 - 247.

- Anderson, H.V.; Cannon, C.P. and Stone, P.H. (1995):** One-year results of the Thrombolysis in Myocardial infarction: A randomized comparison of tissue – type plasminogen activator versus placebo and early invasive versus early conservative strategies in unstable angina and non-Q-Wave myocardial infarction. *J. Am. Coll. Cardiol.* 26 : 1643 – 1650.
- Anderson, J.L.; Carlquis, J.F. and Muhlestein, J.B. (1998):** Evaluation of C-reactive protein, an inflammatory marker, and infectious serology as risk factors for coronary artery disease and myocardial infarction. *J. Am. Coll. Cardiol.* 32 : 35 – 41.
- Anderson, J.L.; Muhlestein, J.B. and Carlquist, J. (1999):** Randomized secondary prevention trial of azithromycin in patients with coronary artery disease and serological evidence for *Chlamydia pneumoniae* infection : The Azithromycin in Coronary Artery Disease : Elimination of Myocardial Infection with *Chlamydia* study. *Circulation* 99 : 1540 – 1547.
- Antman, E.M.; Sacks, D.B. and Rifai, N. (1998):** Time to positivity of a rapid bedside assay for cardiac – specific troponin T predicts prognosis in acute coronary syndromes : A Thrombolysis in Myocardial Infarction (TIMI) 11A Substudy. *J. Am. Coll. Cardiol.* 31 : 326 – 330.
- Appel, M.L.; Berger, R.D.; Saul, J.P.; Smith, J.M. and Cohen, R.J. (1989):** Beat to beat variability in cardiovascular variables: noise or music? *J Am Coll Cardiol.*, 14:1139-1148.
- Ault, K.; Cannon, C.P. and Mitchell, J. (1999):** Platelet activation in patients after an acute coronary : Results from the TIMI 12 trial. *J. Am. Coll. Cardiol.* 33 : 634 – 639.

- Badimon, J.J.; Lettino, M.; Toschi, V. (1999):** Local inhibition of tissue factor reduces the thrombogenicity of disrupted human atherosclerotic plaques : Effects of tissue factor pathway inhibitor on plaque thrombogenicity under flow conditions. *Circulation* 99 : 1780 – 1787.
- Barber, M.J.; Mueller, T.M.; Davies, B.G.; Gill, R.M. and Zipes, D.P. (1985):** Interruption of sympathetic and vagal – mediated afferent responses by transmural myocardial infarction. *Circulation*, 72 : 623 – 631.
- Barber MJ, Mueller TM, Henry DP, Felten SY, Zipes DP.,(1983):** Transmural myocardial infarction in dogs produces sumpathectomy in non infarcted myocardium .*Circulation* ;67;787-796.
- Becker, R.C.; Tracy, R.P.; Bovill, E.G. (1994):** For the TIMI-III Thrombosis and Anticoagulation study Group : The clinical use of flow cytometry for assessing platelet activation in acute coronary syndromes. *Coron Artery Dis.* 5 : 339 – 345.
- Berger, R.D.; Akselrod, S.; Gordon, D. and Cohen, R.J. (1986):** An efficient algorithm for spectral analysis of heart rate variability. *IEEE Trans Biomed Eng.*, 33:900-904.
- Bernard, J.; Gersh, D.; Euger, B. and Joha, D. (1998):** Definition, classification and diagnosis of unstable angina. Braunwald, text book, chapter 38, P. 1331 – 1349.
- Bigger, J.T. Jr.; Fleiss, J.L.; Steinman, R.C.; Rolnitzky, L.M.; Kleiger, R.E. and Rottman, J.N. (1992):** Frequency domain measures of heart period variability andm ortality after myocardial infarction. *Circulation*, 85 : 164 – 71.

- Bigger, J.T. Jr.; Rolnitzky, L.M.; Steinman, R.C. and Fleiss, J.L. (1994):** Predicting mortality after myocardial infarction from the response of RR variability to antiarrhythmic drug therapy. *J Am Coll Cardiol.*, 23:733-740.
- Bigger, J.T. Jr; Fleiss, J.L.; Steinman, R.C.; Rolnitzky, L.M.; Kleiger, R.E. and Rottman, J.N. (1992):** Frequency domain measures of heart period variability and mortality after myocardial infarction. *Circulation.*, 85:164-171.
- Braunwald, E.; Antman, E.M. and Beasley, J.W. (2000):** guidelines for the management of patients with unstable angina/non-ST segment elevation myocardial infarction : A report of the American college of Cardiology / American Heart Association Task Force on Practice Guidelines (Committee on the management of unstable Angina and Non-ST segment elevation myocardial infarction). *Am. Coll. Cardiol*, 36 : 970 – 1062.
- Braunwald, E. and Fuster, V. (1996):** Unstable angina, definition, pathogenesis, and classification in fuster, V., Ross, R., and Topol, E.J. (eds). *Atherosclerosis and coronary artery disease*. Philadelphia J. B. Lippincott, pp. 1285 – 1298.
- Campbell, M.J. and Machin, D. (1994):** Medical statistics : a common sense approach, "second edition" John, Wiley and Sons, Chichester, New York. Brisbane, Toronto and Singapore.
- Cannon, C.R.; McCabe, C.H. and Stone, P.H. (1995):** prospective validation of the Braunwald classification of unstable angina : Results from the thrombolysis in myocardial ischemia (TIMI) III Registry (abstract). *Circulation* 92 (Suppl. 1) : 1-19.

- Casolo, G.; Balli, E.; Taddei, T.; Amuhasi, J. and Gori, C. (1989):** Decreased spontaneous heart rate variability on congestive heart failure. *Am J Cardiol.*, 64:1162-1167.
- Casolo, G.C.; Stroder, P.; Signorini, C.; Calzolari, F.; Zucchini, M.; Balli, E.; Sulla, A.; Lazzerini, S. (1992):** Heart rate variability during the acute phase of myocardial infarction. *Circulation*, 85 : 2073 –9.
- Casolo, G.C; Stroder, P.; Signorini, C.; Calzolari, F.; Zucchini, M.; Balli, E.; Sulla, A. and Lazzerini, S. (1992):** Heart rate variability during the acute phase of myocardial infarction. *Circulation.*, 85 : 2073 - 2079.
- Castaner, A.; Roig, E.; Sorra, A.; Deforses, T. and Magrina, T. (1990):** Risk stratification and prognosis of patients with recent onset angina. *Eur. Heart. J.* 11 : 868 – 875.
- Chadda, K.D.; Lichstein, E.; Gupta, P.K. and Choy, R. (1975):** Bradycardia – hypotension syndrome in acute myocardial infarction. Reappraisal of the overdrive effects of atropine. *Am. J. Med.*, 59, 158.
- Chitman ,B,Fisher ,LD and Davis(1992):** Effect of coronary bypass surgery on survival pattern in subjects of patients with left main coronary artery disease .*Am J. Cardiol* 48:765-777.
- Corr PB, Yamada KA , Witkowski FX:(1986):** Mechqanisms controlling cardiac autonomic function and their relation to arrhythmiogenesis. *The heart and vascular system* : New York ,Ravan Press ,1986,P 1343
- Cripps, T.R.; Malik, M.; Farrell, T.G. and Camm, A.J. (1991):** Prognostic value of reduced heart rate variability after myocardial infarction : Clinical evaluation of a new analysis method. *Br. Heart. J.*, 65 : 14-9.

- Danesh, J.; Collins, R. and Peto, R. (1997):** Chronic infection and coronary heart disease : Is there a link ? Lancet 350 : 430 – 436.
- Davidson, N.S.; Goldner, S.; Mcclos Key, D.I. (1976):** Respiratory modulation of bareceptor and chemorecept or reflexes affecting heart rate and cardiacvagal efferent nerve ectivity. J. Physiol. (London), 259 : 523 – 30.
- De Ferrari, G.M.; Vanoli, E. and Schwartz, P.J. (1995):** Cardiac vagal activity, myocardial ischemia and sudden death. In: Zipes DP, Jalife J, eds. Cardiac Electrophysiology: *From Cell to Bedside*. Philadelphia, Pa: WB Saunders Co; 422-434.
- De Winter R J ,Bholsasisingh R, IJMER J G ,(1999):** Independent prognostic value of C- reactiva protein and troponin I in patients with unstable angina or non Q wave myocardial infarction . Cardiovascular Res ., 42:240-245.
- Epstein, S.E. and Cannon, R.O. (1986):** Site of increased resistance to coronary flow in patients with angina pectoris and normal epicardial coronary arteries. J. Am. Coll. Cardiol. 8 : 459 – 461.
- Fallen, E.L.; Kamath, M.V.; Ghista, D.N. and Fitchett, D. (1988):** Spectral analysis of heart rate variability following human heart transplantation: evidence for functional reinnervation. J Auton Nerv Syst., 23:199-206.
- Farb, A.; Burke, A.P. and Tang, A.L. et al. (1996):** Coronary plaque erosion without rupture into a lipid core : A frequent cause of coronary thrombosis in sudden coronary death. Circulation 93 : 1354 – 1363.

- Finly, J.P.; Nugent, S.T. and Hellenbrand, W. (1987):** Heart rate variability in children, spectral analysis of developmental changes between 5 and 24 years. *Can J. Physiol.*, 65 : 2048 – 52.
- Flugelman, M.Y.; Virmani, R. and Correa, R. (1993):** Smooth muscle cell abundance and fibroblast growth factors in coronary lesions of patients with nonfatal unstable angina : A clue to the mechanism of transformation from the stable to the unstable clinical state. *Circulation* 88 : 2493 – 2500.
- Furlan, R.; Guzzetti, S.; Crivellaro, W.; Dassi, S.; Tinelli, M.; Baselli, G.; Cerutti, S.; Lombardi, F.; Pagani, M. and Malliani, A. (1990):** Continuous 24-hour assessment of the neural regulation of systemic arterial pressure and RR variabilities in ambulant subjects. *Circulation*. 81:537-547.
- Gensini, G.G. (1983):** A more meaningful scoring system for determining the severity of coronary artery disease. *Am. J. Cardiol.* 51 : 606.
- Grossman, P.; Karemaker, J. and Wieling, W. (1991):** Prediction of tonic parasympathetic cardiac control using respiratory sinus arrhythmia : The need for respiratory control. *Psychophysiology*, 28 : 201 – 16.
- Harrington, R.A.; Califf, R.M. and Holmes, D.R. (1999):** Is all unstable angina the same ? Insights from the Coronary Angioplasty Versus Excisional Atherectomy Trial. *Am. Heart, J.* 137 : 227 – 233.
- Helgason, C.M. Bolin, K.M. and Hoff, J.A. (1994):** Development of aspirin resistance in persons with previous ischemic stroke. *Stroke*, 25 : 2331 – 2336.

- Herre, J.M.; Wetstein, L.; Lin, Y.L.; Mills, A.S.; Dae, M. and Thames.** (1988): Effect of transmural versus nontransmural myocardial infarction on inducibility of ventricular arrhythmias during sympathetic stimulation in dogs. J. Am. Coll. Cardiol., 11 : 414 – 421.
- Hingtgen, L.; Horn, M. and Martins, J.B. (1989):** Transient depression of refractory period responses to sympathetic nerve stimulation in the epicardial rim overlying subendocardial infarction. PACE, 12 : 639.
- Hirsh, J.A. and Bishop, B. (1981):** Respiratory sinus arrhythmia in humans: how breathing pattern modulates heart rate. Am J Physiol., 241:620-629.
- Huang, J.; Leatham, E.; Redwood, S.; YI, G.; Chen, L.; Kaski, J.C. and Malik, M. (1994):** Heart rate variability is depressed in patients with unstable angina. J. Am. Coll Cardiol, 23 : 196A.
- Huang J S. Mark Sopher, Edward Leatham, Simon and Juan Carlos (1995):** heart rate variability depression in patients with unstable angina. Am Heart J 130:772-779.
- Huey, J.R. Jr; Paul, R.I.I.; Handjiev, A.A.; Jilek, J. and Hon, E.I.I. (1979):** Fetal heart rate variability:An approach to automated assessment. Am. J. Obstet. Gynecol., 134 : 691 –5.
- Imaizumi, T.; Takeshita, A.; makino, N.; Ashihara, T.; Yamamoto, K. and Nakamura, M. (1984):** Impaired baroreflex control of vascular resistance and heart rate in acute myocardial infarction. Br. Heart. J. 52, 418.

- Inoue, H. and Zipes, D.P. (1987):** Increased afferent vagal responses produced by epicardial application of nicotine on the canine posterior left ventricle. *Am. Heart. J.* 114 L 757 – 764.
- Inoue, H. and Zipes, D.P. (1988):** Time course of denervation of efferent sympathetic and vagal nerves after occlusion of the coronary artery in the canine heart. *Circ. Res.* 62 : 1111 – 1120.
- Jennings, R.J. and Mack, M.E. (1984):** Does aging differentially reduce heart rate variability related to respiration ? *Exp. Aging. Res.*, 10 : 19 – 23.
- Kaski, J.C.; Chester, M.R.; Chen, L. and Katristsis, D. (1995):** Rapid angiographic progression of coronary artery disease in patients with angina pectoris. The role of complex stenosis morphology. *Circulation*, 92 : 2058 – 2065.
- Kautzner, J. (1995):** Reproducibility of heart rate variability measurement. In: Malik M, Camm AJ, eds. *Heart Rate Variability*. Armonk, NY: Futura, 165-171.
- Kay, S.M. and Marple, S.L. (1981):** Spectrum analysis: a modern perspective. *Proc IEEE*. 69:1380-1419.
- Kienzle, M.G.; Ferguson, D.W.; Birkett, C.L.; Myers, G.A.; Berg, W.J. and Mariano, D.J. (1992):** Clinical hemodynamic and sympathetic neural correlates of heart rate variability in congestive heart failure. *Am J Cardiol.*, 69:482-485.
- Kirby, B.J. (1977):** Circulatory reflexes in myocardial infarction. *Br. Heart. J.* 39, 168.
- Kiteny, R.I. (1975):** An analysis of the nonlinear behavior of the human thermal vasomotor control system. *J. Theor. Biol.* 52 : 231 – 48.

- Kleiger, R.E.; Bigger, J.T.; Bosner, M.S.; Chung, M.K.; Cook, J.R.; Rolnitzky, L.M.; Steinman, R. and Fleiss, J.L. (1991):** Stability over time of variables measuring heart rate variability in normal subjects. *Am. J. Cardiol.*, 68:626-630.
- Kulbertus, H.E. and Franck, G. (eds) (1988):** Neurocardiology. Mt Kisco, NY, Futura Publishing Co., P. 3.
- Lindqvist, A.; parviainen, P.; Kolari, P.; Tuominen, J.; Volimoki, I. And Antla, K. et al. (1989):** A noninvasive method for testing neural circulatory control in man. *Cardiovasc Res.*, 23 : 262 – 72.
- La Rover MT, Mortara A, Sandrone G, Lomberdi F. (1992):** Autonomic nervous system adaptation to short term exercise training. *Chest* 101:299-303.
- Lipdtz, L.A.; Mietus, J.; Moody, G.B. and Goldberger, A.L. (1990):** Spectral characteristics of heart rate variability before and during postural tilt : relations to aging and risk of syncope. *Circulation*, 81 : 1803 – 10.
- Lombardi, F.; Sandrone, G.; Mortara, A.; La Rovere, M.T.; Colombo, E.; Guzzetti, S. and Malliani, A. (1992):** Circadian variation of spectral indices of heart rate variability after myocardial infarction. *Am. Heart. J.* 123:1521-1529.
- Lombardi, F.; Sandrone, G.; Pernpruner, S.; Sala, R.; Garimoldi, M.; Cerutti, S.; Baselli, G.; Pagnani, M. and Malliani, A. (1987):** Heart rate variability as an index of sympathovagal interaction after acute myocardial infarction. *Am. J. Cardiol.* 60, 1239 – 45.

- Lombardi, F.; Sandrone, G.; Pernpruner, S.; Sala, R.; Garimoldi, M.; Cerutti, S.; Baselli, G.; Pagani, M. and Malliani, A. (1987):** Heart rate variability as an index of sympathovagal interaction after myocardial infarction. *Am. J. Cardiol.*, 60:1239-1245.
- Loricchio, M.L.; Di Clemente, D.; Saccone, V.; Venturi, P.; Borghi, A. and Bugiardini, R. (1994):** prognostic value of heart rate variability in unstable angina. *J. Am. Coll. Cardiol.*, 21 : 197 A.
- Madwed, J.B.; Albrecht, P.; Mark, R.G. and Cohen, R.J. (1989):** Low-frequency oscillations in arterial pressure and heart rate : a simple computer model. *Am. J. Physiol.*, 256 : H1573 -9.
- Malik, M. and Camm, A.J. (1993):** Components of heart rate variability: what they really mean and what we really measure. *Am J Cardiol.* 72:821-822.
- Malik, M. and Camm, A.J. (1994):** Heart rate variability and clinical cardiology. *Br. Heart. J.*, 71 : 3 - 6.
- Malliani, A. (1982):** Cardiovascular sympathetic afferent fibers. *Rev Physiol Biochem Pharmacol.*, 94 : 11 - 74.
- Malliani, A.; Pagani, M.; Lombardi, F. and Cerutti, S. (1991):** Cardiovascular neural regulation explored in the frequency domain. *Circulation.*, 84 : 1482 - 1492.
- Malliani, A.; Recordati, G. and Schwartz, P.J. (1973):** Nervous activity of afferent cardiac sympathetic fibres with atrial and ventricular endings. *J Physiol (Lond)*, 229 : 457 - 469.

- Mann, J.M. and Davies, M.J. (1996):** Vulnerable plaque. Relation of characteristics to degree of stenosis in human coronary arteries. *Circulation* 94 : 928 – 931.
- Marchant, B.; Stevenson, R.; Vaishnav, S.; Ranjadayalan, K. and Timmis, A.D. (1994):** Silent ischaemia and autonomic function early after myocardial infarction : a comparison with stable angina. *J. Am. Coll. Cardiol.*, 23 : 320 A.
- Martin, C.B. Jr (1982):** Physiology and clinical use of fetal heart rate variability. *Clin. Perinatol.*, 9 : 339 – 52.
- Martins, J.B.; Kerber, R.E.; Marcus, M.L.; Laughlin, D.L. and Levy, D.M. (1980):** Inhibition of adrenergic neurotransmission in ischemic regions of the canine left ventricle. *Cardiovasc Res.*, 14 : 116 – 124.
- McArdavey, D.; Neilson, J.M.M.; Ewing, D.J. and Russell, D.C. (1989):** Cardiac parasympathetic activity during the early hours of acute myocardial infarction. *Br. Heart. J.* 62 : 165.
- McFadden, E.P.; Clarke, J.G.; Davies, G.J., et al. (1991):** Effect of intracoronary serotonin on coronary vessels in patients with stable angina and patients with variant angina. *N. Engl. J. Med.* 324 : 648 – 654.
- Mehlsen, J.; Pagh, K.; Nielsen, J.S. and Sestoft, Nielsen, S.T. (1987):** heart rate response to breathing : Dependency up breathing pattern. *Clin. Physiol.*, 7 : 115 – 24.
- Miyazaki, T. and Zipes, D.P. (1989):** protection against autonomic denervation following acute myocardial infarction by preconditioning ischemia. *Circ. Res.* 64 : 437 – 448.

Moise, A.; Theroux, P. and Taeymans, Y. (1983): Unstable angina and progression of coronary atherosclerosis. *N. Engl. J. Med.*

309 : 685 – 689.

Montano, N.; Ruscone, T.G.; Porta, A.; Lombardi, F.; Pagani, M. and Malliani, A. (1994): Power spectrum analysis of heart rate variability to assess the changes in sympathovagal balance during graded orthostatic tilt. *Circulation.* 90 : 1826 - 1831.

Morrow, D.A.; Rifai, N. and Antman, E.M. (1998): C-reactive protein is a potent predictor of mortality independently and in combination with troponin T in acute coronary syndromes : A TIMI 11A substudy. *J. Am. Coll. Cardiol.* 31 : 1460 – 1465.

Mulcahy, R.; Al Awadhi, A.H.; de Buiteleto, M.; Tobin, G.; Johnson, H. and Contory R. (1985): Natural history and prognosis of unstable angina. *AM Heart J.* 109 : 753-8.

Mulcahy, R.; Johnson, H. and Contoy, C. (1990): natural history and prognosis of unstable angina. *Am. H. J. :* 109 : 753 – 758.

Muller, J.E.; Tofler, G.H. and Stone, P.H. (1989): Circadian variation and triggers of onset of acute cardiovascular disease. *Circulation* 79 : 733 – 743.

Murphy, J. J.; Connell, P.A. and Hampton, J.R. (1992): Predictors risk in patients with unstable angina admitted a district general hospital. *Br. H. J.* 67 : 395 – 401.

Murry, c.E.; Jennings, R.B. and Reimer, K.A. (1986): Preconditioning with ischemia : A delay of lethal cell injury in ischemic myocardium. *Circulation,* 74 : 1124 – 1136.

- Nabil, E.G.; Campbell, S.; Barry, J.; Rocco, M.B. and Selwyn, A.P. (1987):** A symptomatic ischemia in patients with coronary artery disease. JAMA, 257 : 1923 – 1928.
- Nesto, R.W.; Waxman, S. and Mittleman, M.A. (1998):** Angioscopy of culprit coronary lesions in unstable angina pectoris and correlation of clinical presentation with plaque morphology. Am. J. Cardiol. 81 : 225 – 228.
- Niemela, M.J.; Airaksinen, K.E.J.; Ikaheimo, M.J.; Groundstroeme, K.; Linnaluoto, M.K. and Takkunen, J.T. (1989):** Impaired parasympathetic control of heart rate after myocardial infarction. Int. J. Cardiol. 24, 305.
- Nolan, J.; Flapan, A.D.; Capewell, S.; MacDonald, T.M.; Neilson, J.M.M. and Ewing, D.J. (1992):** Decreased cardiac parasympathetic activity in chronic heart failure and its relation to left ventricular function. Br Heart J., 69:761-767.
- O'Connor G T, Bursing J E, Yusuf S, Goldhaber S Z, Olmstead E M, Paffenberger R S J R, Hennekens C:** An overview of randomized trials of rehabilitation with exercise after myocardial infarction ; Circ 80:234-244.
- Osculati, G.; Grassi, g.; Giannattasio, C.; Seravalle, G.; Valagussa, F.; Zanchetti, A. and Mancina, G. (1990):** Early alterations of the baroreceptor control of heart rate in patients with acute myocardial infarction. Circulation 81, 939.
- Pagani, M.; Lombardi, F.; Guzzetti, S.; Rimoldo, O.; Furlan, R.; Pizzinelli, P.; Sandrone, G.; Malfatto, G.; Dell'Orto, S. and Piccaluga, E. (1986):** Power spectral analysis of heart rate and arterial pressure variabilities as a marker of sympatho-vagal interaction in man and conscious dog. Circ. Res., 59 : 178 – 93.

- Pagani, M.; Malfatto, G.; Pierini, S.; Casati, R.; Masu, A.M.; Poli, M.; Guzzetti, S.; Lombardi, F.; Cerutti, S. and Malliani, A. (1988):** Spectral analysis of heart rate variability in the assessment of autonomic diabetic neuropathy. *J Auton Nerv Syst.*, 23 : 143 - 153.
- Penaz, J. (1978):** Mayer waves : History and methodology. *Automedia*, 2 : 135 - 41.
- Pomeranz B, Macaulay JB, Candill MA, et al. 1985:** Assessment of automatic function in humans by heart rate spectral analysis. *Am. J physiol.*; 248: 151-153.
- Ribbert, L.S.; Fidler, V. and Visser, G.H. (1991):** Computer – assisted analysis of normal second trimester fetal heart rate patterns. *J. Perinat. Med.*, 19 : 53 –9.
- Ribbert, L.S.; Snijders, R.J.; Nicoldaides, K.L.L. and Visser, G.H. (1991):** Relation of fetal blood gases and data from computer – assisted analysis of fetal heart patterns in small for gestation fetuses. *Br. J. Obstet. Gynaecol.*, 98 : 802 –3.
- Rich, M.W.; Saini, J.S.; Kleiger, R.E.; Carney, R.M., Velder, A. and Freedland, K.E.(1988):** Correlation of heart rate variability with clinical and angiographic variables and late mortality after coronary angiography. *Am. J. Cardiol.* 62 : 714 –7.
- Rimoldi, O.; Pierini, S.; Ferrari, A.; Cerutti, S.; Pagani, M. and Malliani, A (1990):** Analysis of short-term oscillations of R-R and arterial pressure in conscious dogs. *Am J Physiol.*, 258: H967 - H976.
- Risik, D.G.; Healy, S.; Margulis, A.; Vandam, D. Bakalyar, D.; Timmis, G. and Schreiker, T. (1998):** A new clinical classification of hospital prognosis of unstable angina pectoris. *Am. J. Cardiol*, 75 (15) : 993 – 997.

- Rothschild, M. Rothschild, A. and Pfeifer, M. (1988):** Temporary decrease in cardiac parasympathetic tone after acute myocardial infarction. *Am. J. Cardiol.* 62 : 637.
- Russell R.O., Resmekove, L. Walk M (1991):** Unstable angina pectoris :national cooperative study group to compare medical and surgical therapy .IV .Results in patients with left anterior descending coronary artery disease *Am J Cardiol* 48 :517-524.
- Ryan, C.; Hollenberg, M.; Harvey, D.B. and Gwynn, R. (1976):** Impaired parasympathetic responses in patients after myocardial infarction. *Am. J. Cardiol.* 37, 1013.
- Sandrone, G.; Mortara, A.; Torzillo, D.; La Rovere, M.T.; Malliani, A. and Lombardi, F. (1994):** Effects of beta blockers (atenolol or metoprolol) on heart rate variability after acute myocardial infarction. *Am J Cardiol.*, 74:340-345.
- Sands, K.E.; Appel, M.L.; Lilly, L.S.; Schoen, F.J.; Mudge, G.H. Jr. and Cohen, R.J. (1989):** Power spectrum analysis of heart rate variability in human cardiac transplant recipients. *Circulation.*, 79 : 76 - 82.
- Saul, J.P.; Albrecht, P.; Berger, R.D. and Cohen, R.J. (1987):** Analysis of long-term heart rate variability: methods, scaling and implications. In: *Computers in Cardiology 1987.* Washington, DC: IEEE Computer Society Press; : 419 - 422.
- Saul, J.P.; Rea, R.F.; Eckberg, D.L.; Berger, R.D. and Cohen, R.J.(1990):** Heart rate and muscle sympathetic nerve variability during reflex changes of autonomic activity. *Am J. Physiol.*, 258:713-721.

- Sayers, B.M. (1973):** Analysis of heart rate variability. *Ergonomics*. 16 : 17 - 32.
- Schmid, P.G.; Greif, B.J.; Lund, D.D. and Roskoski, R., Jr. (1982):** Tyrosine hydroxylase and choline acetyltransferase activities in ischemic canine heart. *Am. J. Physiol.* 243 : 7880-7895.
- Schwartz, J.B.; Gibb, W.J. and Tran, T. (1991):** Aging effects on heart rate variation. *J. Gerontol*, 64 : 99 – 106.
- Schwartz, P.J. and Priori, S.G. (1990):** Sympathetic nervous system and cardiac arrhythmias. In: Zipes DP, Jalife J, eds. *Cardiac Electrophysiology: From Cell to Bedside*. Philadelphia, Pa: WB Saunders Co; 330 - 343.
- Schwartz, P.J.; Pagani, M.; Lombardi, F.; Malliani, A. and Brown, A.M. (1973):** A cardiocardiac sympathovagal reflex in the cat. *Circ Res*. 32:215-220.
- Schwartz, P.J.; Zaza, A.; Palo, M.; Locati, E.; Beria, G. and Zanchetti, A. (1988):** Baroreflex sensitivity and its evolution during the first year after myocardial infraction. *J. Am. Coll. Cardiol.*, 12, 629.
- Shiki, K. and Hearse, D. J. (1987):** Preconditioning of ischemic myocardium : Reperfusion induced arrhythmias. *Am. J. physiol.* 253 : 1470 – 1476.
- Smith, J.H.; Anad, K.J.; Cotes, P.M.; Dawes, G.S.; Harkness, R.A. and Howlett, T.A. (1988):** Antenatal fetal heart rate variation in relation to the respiratory and metabolic status of the compromised human fetus. *Br. J. obstet. Gynaecol.*, 95 : 980– 9.

- Smitherman, T.C. (1990):** South western internal medicine conference : Unstable angina pectoris. The first half century, natural history, pathology histology and treatment. Am. J. Med. Sci., 292 : 395 – 406.
- Stubbs, P.; Collinson, P. and Moseley, D. (1996):** Prospective study of the role of cardiac troponin T in patients admitted with unstable angina. BMJ. 313 : 262 – 264.
- Sullivan, E.; Kearney, M. and Isner, J.M. (1994):** Pathology of unstable angina : Analysis of biopsies obtained by directional coronary atherectomy. J. Thromb. Thrombolysis, 1 : 63 – 71.
- Task force Oof the European society of cardiology and north American society of pacing and electrophysiology (1996):** Heart rate variability ,standard of mesurement ,physiological interpretation and clinical use Eur Heart .J 17:354-381.
- Thaler, I.; Timor – Tritsch, I. and Blumenfeld, Z. (1985):** Effect of acute hypoxia on human fetal heart rate. The significance of increased heart rate variability. Acta. Obstet. Gynecol. Scand, 64 : 47 – 50.
- Thames, M.D. and Minisi, A.J. (1989):** Reflex responses to myocardial ischemia and reperfusion : Role of prostaglandins. Circulation, 80 : 1878 – 1885.
- The PURSUIT Trial Investigators(1998):** Inhibition of Platelet Glycoprotein IIB/IIIa with eptifibatide in patient with acute coronary syndromes. N. Engl. J. Med. 339 : 436 – 443.
- Uchida, Y.; Kamisaka, K.; Murao, S. and Ueda, H. (1974):** Mechanosensitivity of afferent cardiac sympathetic nerves. Am. J. Physiol., 226 : 1088 – 1093.

- Valsania, P.; Vaslania, P.; Zorio, H.S.; Kowalschuk, G.J. et al. (1991):** Seerity of coronary artery disease in young patient with insulin dependent diabetes mellitus. *Am. H. J.*, 122 : 695.
- Van der Moer, P.E.; Gerretsen, G. and Visser, G.H. (1985):** Fixed fetal heart rate pattern after intrauterine accidental decerebration. *Obstet. Gynecol.*, 65 : 125 –7.
- Van Geijn, H.P.; Jongsma, H.W.; de Haan, J.; Eskes, T.K. and Prechtl, H.F. (1980):** Heart rate as an indicator of the behavioral state. *Am. J. Obstet. Gynecol.*, 13 G : 1061 – 6 .
- Van Ravenswaaij, C.M.; Hopman, J.C.; Kollee, L.M.; Van Amen, J.P.; Stoclinga, G.R. and Van Geijn, H.P. (1991):** The influences of respiratory distress syndrome on heart rate variability in very preterm infants. *Early Hum Dev.*, 27 : 207–21.
- Van Ravenswaaij, C.M.; Hopman, J.C.; Kollee, L.M.; Van. Amen, J.P.; Stoclinga, G.r. and Van Geijn, H.P. (1991):** Influences on heart rate variability in spontaneously breathing preterm infants. *Early Hum Dev.*, 27 : 187 – 205.
- Visaer, G.; Bekedum, D.J. and Ribbert, L.S. (1990):** Changes in antepartum heart rate patterns with progressive deterioration of the fetal condition. *Int. J. Biomed. Comput.*, 25 : 239 – 46.
- Waxnan, S.; Sassower, M.A.; Zarich, S.; Miyamoto, A. and Manzo, (1996):** Angioscopic predictors early adverse outcome after coronary angioplasty in patients with unstable and non Q wave infarction. *Circul.* 93 : 2106 – 2113.
- Webb, S.W.; Adgey, A.A.J. and Pantridge, J.F. (1972):** Autonomic disturbance at onset of acute myocardial ischemia. *Br. Med. J.*, 3 : 89 – 92.

- Weber, A.A.; Zimmermann, K.C.; Meyer – Kirchrath, J. and Schror , K. (1999):** Cyclooxygenase-2 in human platelets as a possible factor in aspirin resistance. *Lancet*, 353 : 900.
- Yeung, A.C.; Vekshtein, V.I.; Krantz, D.S. (1991):** The effect of atherosclerosis on the vasomotor response of coronary arteries to mental stress. *N. Engl. J. Med.* 325 : 1551 – 1556.
- Zabel, M.; Klingenheben, T. and Hohnloser, S.H. (1994):** Changes in autonomic tone following thrombolytic therapy for acute myocardial infarction: assessment by analysis of heart rate variability. *J Cardiovasc Electrophysiol.* 5 : 211 - 218.
- Zuanetti, G.; Latini, R.; Neilson, J.M.M.; Schwartz, P.J. and Ewing, D.J.(1991):** And the Antiarrhythmic Drug Evaluation Group. Heart rate variability in patients with ventricular arrhythmias : effect of antiarrhythmic drugs. *J Am. Coll. Cardiol.*, 17: 604 - 612.