

Ahnve S., Vallin H. (1982). "Influence of heart rate and inhibition of autonomic tone on the QT interval", *Circulation*; 65, 435–439.

Ahnve S., Gilpin E., Madsen E.B., Froelicher V., et al. (1984). "Prognostic importance of QTc at discharge after acute myocardial infarction: A multicenter study of 865 patients", *Am. Heart J.*; 108, 395–400.

Ahnve S. (1985a). "Correction of the QT interval for heart rate: review of different formulas and the use of Bazett's formula in myocardial infarction", *Am. Heart J.*; 109, 568–574.

Ahnve S. (1985b). "Errors in the visual determination of corrected QT (QTc) interval during myocardial infarction", *J. Am. Coll. Cardiol.*; 5, 699–702.

Ahnve S., Gilpin E., Henning H. et al. (1986). "Limitations and advantages of the ejection fraction for defining high risk after myocardial infarction ", *Am. J. Cardiol.*; 58, 872–878.

Akay M. (1996). "Detection and estimation methods for biomedical signals", Edit. Academic Press, San Diego, California, USA.

Akay M. (1998). "Time-frequency and wavelets in biomedical signal processing", Edit. IEEE Press, New Jersey, USA.

Antzelevitch C., Sun Z.Q., Zhang Z.Q., et al. (1996). "Cellular and ionic mechanisms underlying erythromycin-induced long QT intervals and torsade de pointes", *J. Am. Coll. Cardiol.*; 28, 1836–1848.

Alvarado C., Ramos J., Pallàs Areny R. (2000). "Predicción del final de la onda T durante ejercicio intenso", Libro de Actas, XVIII Congreso Anual de la Sociedad Española de Ingeniería Biomédica; 65–68.

Arregui J. (1996). "Estudio de métodos espectrotemporales y aplicación al ECG", Proyecto Final de Carrera, ETSETB, Universitat Politècnica de Catalunya, Barcelona, España.

Bayés de Luna A., Guindo J., Rivera I. (1989a). "Ambulatory sudden death in patients wearing Holter devices", *J. Ambulatory Monitoring*; 2, 3.

Bayés de Luna A., Coumel P., Leclercq J.F. (1989b). "Ambulatory sudden death: Mechanisms of production of fatal arrhythmia on the basis of data from 156 cases", *Am. Heart J.*; 117–151.

Bayés de Luna A., Guindo J. (1989). "Sudden cardiac death", Edit. M.C.R., Barcelona, España.

Bayés de Luna A. (1999). "Electrocardiografía clínica", Edit. Espaxs, Barcelona, España.

Bayés-Genís A., Guindo J., Viñolas X. (1995). "Precursors of ventricular fibrillation: Chain of events", *Journal of Cardiac Electrophysiology*; 6, 410.

Bazett H.C. (1920). "An analysis of time relations of electrocardiograms", *Heart*; 7, 353–367.

Benhorin J., Merri M., Alberti M., et al. (1990). "Long QT syndrome: new electrocardiographic characteristics", *Circulation*; 82, 521–527.

Browne K.F., Zipes D.P., Heger J.J., Prystowsky E.N. (1982). "Influence of the autonomic nervous system on the QT interval in man", *Am. J. Cardiol.*; 50, 1099–1103.

Bruce R.A., Kusumi F., Hosmer D. (1973). "Maximal oxygen intake and nomographic assessment of functional aerobic impairment in cardiovascular disease", *Am. Heart J.*; 85, 546–562.

Calderon A. (1964). "Intermediate spaces and interpolation, the complex method", *Studia Math.*; 24, 113–190.

Campbell R.W.F., Gardiner P., Amos P.A., et al. (1985). "Measurement of the QT interval", *Eur. Heart J.*; 6 (supl.D), 81–83.

Cappato R., Alboni P., Pedroni P., Gilli G., Antonioli G. (1991). "Sympathetic and vagal influences on rate-dependent changes of QT interval in healthy subjects", *Am. J. Cardiol.*; 68, 1188–1193.

Choy A.M., Lang C.C., Chomski D.M. et al. (1997). "Normalization of acquired QT prolongation in humans by intravenous potassium", *Circulation*; 96, 2149–2154.

Cinca J., Figueras J., Tenorio L. et al. (1981). "Time course and rate dependence of QT interval changes during noncomplicated acute transmural myocardial infarction in human beings", *Am. J. Cardiol.*; 48, 1023–1028.

Couderc J.P., Zareba W., Burattini L., Moss A.J., (1997). "Detection of abnormal time-frequency components of the QT interval using a wavelet transformation technique", *Computers in Cardiology*; 661–664.

Coughlan J.G., Madden B., Norell M.N., et al. (1992). "Paradoxical early lengthening and subsequent linear shortening of the QT interval in response to exercise", *Eur. Heart J.*; 13, 1325–1328.

Cowan J.C., Yusoff K., Moore M., et al. (1988). "Importance of lead selection in QT interval measurement", *Am. J. Cardiol.*; 61, 83–87.

Cromwell L., Weibell F.J., Pfeiffer E.A. (1980). "Biomedical instrumentation and measurements", 2nd. ed., Edit. Prentice-Hall, New Jersey, USA.

Crowe J.A., Gibson N.M., Woolfson M.S., Somekh M.G. (1992). "Wavelet transform as a potential tool for ECG analysis and compression", *J. Biomed. Eng.*; 14, 268.

The CSE Working Party (1985). "Recommendations for measurement standards in quantitative electrocardiography", *Eur. Heart J.*; 6, 815–825.

Daubechies Y. (1988). "Orthonormal bases of compactly supported wavelets", Commun. in Pure and Applied Math.; 41, 909–996.

Daubechies I. (1993). "Orthonormal bases of compactly supported wavelets II. Variations on a theme", SIAM Journal of Mathematical Analysis; 24, 2, 449–519.

Davendra M., Curwin J., Gomes A., Fuster V. (1997). "Sudden death in coronary artery disease acute ischemia versus myocardial substrate", Circulation; 96, 3215–3223.

Davey P., Bateman J. (1999). "Heart rate and catecholamine contribution to QT interval shortening on exercise", Clin. Cardiol.; 22, 8, 513–518.

Davey P.P. (1999). "QT interval measurement: Q to Tapex or Q to Tend", Journal of Internal Medicine; 246, 145–149.

Davey P. (2000). "QT interval and mortality from coronary artery disease", Progress in Cardiovascular Diseases; 42, 5, 359–384.

Day C.P., McComb J.M., Campbell R.W. (1990). "QT dispersion: an indication of arrhythmia risk in patients with long QT intervals", Br. Heart J.; 63, 342–344.

Dey S.K., Rautaharju P.M., Calhoun H.P. et al. (1991). "Erroneous conclusions about spatial dispersion of QT intervals due to overlap of the U and terminal T wave potential distributions", J. Electrocardiol.; 24, 287.

Echeverría J.C., Ramírez N., Pimentel A.B., Rodríguez R., González R., Medina V. (1996). "Fetal QRS extraction based on wavelet analysis and pattern matching", Proceedings of the 18th Annual International Conference of the IEEE Engineering in Medicine and Biology Society; 377–378.

Elson J., Mason J.W. (1986). "Mechanisms of ventricular tachycardia", Cardiol. Clin.; 3, 685–705.

Férez S.M., Shapiro M. (1996). "Adaptación cardiovascular a la prueba de esfuerzo. Electrocardiografía dinámica", Ciencia y Cultura Latinoamérica, México D.F.

Fiol M., Marrugat J., Bergadá J., et al. (1995). "QT dispersion and ventricular fibrillation in acute myocardial infarction", *Lancet*; 346, 1424–1425.

Franklin P. (1928). "A set of continuous orthogonal functions", *Math. Analysis*; 100, 522–529.

Franz M.R., Swerdlow C.D., Liem B.L., et al. (1988). "Cycle-length dependence of human action potential duration in vivo: effects of single extrastimuli, sudden sustained rate acceleration and deceleration, and different steady-state frequencies", *J. Clin. Invest.*; 82, 972–979.

Funck-Brentano C., Jaillon P. (1993). "Rate-corrected QT interval: techniques and limitations", *Am. J. Cardiol.*; 72, 6, 17B–22B.

Fridericia L.S. (1920). "Die systolendauer im elektrokardiogramm bei normalen menschen und bei herzkranken", *Acta Med. Scand.*; 53, 469–486.

Glancy J.M., Garratt C.J., Woods K.L., et al. (1995). "QT dispersion and mortality after myocardial infarction", *Lancet*; 345, 945–948.

Goldschlager N., Goldman M.J. (1987). "Principios de electrocardiografía clínica", Edit. El Manual Moderno, México D.F.

Gramatikov B., Yi-Chun S., Rix H., Caminal P., Thakor N.V. (1995). "Multiresolution wavelet analysis of the body surface ECG before and after angioplasty", *Ann. Biomed. Eng.*; 23, 553–561.

Gritzali F., Frangakis G., Papakonstantinou G. (1989). "Detection of the P and T waves in an ECG", *Comput. Biomed. Res.*; 22, 83–91.

Grossman A., Morlet J. (1984). "Decomposition of hardy functions into square integrable wavelets of a constant shape", *SIAM Jour. Math. Anal.*; 15, 723–736.

Hamilton P.S., Tompkins W.J. (1986). "Quantitative investigation of QRS detection rules using the MIT/BIH arrhythmia database", *IEEE Trans. Biomed. Eng.*; 33, 1157–1165.

Han J. Moe G.K. (1964). "Non uniform recovery of excitability in ventricular muscle", *Circ. Res.*; 14, 44–60.

Han J., Millet D., Chizzonitti B., Moe G.K. (1966). "Temporal dispersion of recovery of excitability in atrium and ventricle as a function of heart rate", *Am. Heart J.*; 71, 481–487.

Haar A. (1910). "Zur theorie der orthogonalen functionen-system", *Math. Analysis*; 69, 331–371.

Higham P.D., Furniss S.S., Campbell R.W.F. (1995). "QT dispersion and components of the QT interval in ischaemia and infarction", *Br. Heart J.*; 73, 32–36.

Hodges M., Salerno D., Erlie D. (1983). "Bazett's QT correction reviewed. Evidence that a linear QT correction for heart is better", *J. Am. Coll. Cardiol.*; 1, 694 (abstract).

Hodges M., Arthur A.F., Grier Arthur III L., et al. (1995). "QT interval dispersion at rest and during exercise in normal subjects", *J. Am. Coll. Cardiol.*; 25, 387A (abstract).

Hoffman B.F., Rosen M.R. (1981). "Cellular mechanisms for cardiac arrhythmias", *Circ. Res.*; 49, 1–15.

Harold Friedman H. (1989). "Diagnóstico electrocardiográfico y vectocardiográfico", 3ª. ed., Edit. Salvat, Barcelona, España.

Iturralde P. (1997). "Arritmias cardiacas", Edit. McGraw-Hill Interamericana, México D.F.

January C.T., Riddle J.M. (1989). "Early after depolarizations: mechanisms of induction and block", *Circ. Res.*; 64, 977–990.

January C.T., Makielski J.C. (1990). "Triggered arrhythmias: new insights into basic mechanisms", *Curr. Opin. Cardiol.*; 5, 65–68.

Jones D.L., Tovannas J.S., Lander P., Albert D.E. (1992). "Advanced time-frequency methods for signal averaged ECG analysis", *J. Electrocardiol.*; 25 (suppl), 188.

Josephson M.E., Gottlieb C.D. (1990). "Ventricular tachycardia associated with coronary artery disease", en Zipes D.P., Jalife J., edits. "Cardiac electrophysiology: from cell to bedside", Edit. Saunders, Filadelfia, USA., 571–580.

Juul-Moller S. (1986). "Corrected QT interval during one year follow-up after an acute myocardial infarction", *Eur. Heart J.*; 7, 299–304.

Khadra L., Al-Fahoum A.S., Al-Nashash H. (1997). "Detection of life-threatening cardiac arrhythmias using the wavelet transformation", *Med. Biol. Eng. Comput.*; 35, 626–632.

Katona P.G., Jih F. (1975). "Respiratory sinus arrhythmia: noninvasive measure of parasympathetic cardiac control", *J. Appl. Physiol.*; 39, 801–805.

Kautzner J., Malik M. (1997). "QT interval dispersion and its clinical utility", *PACE*; 20, 2625–2640.

Kligfield P., Lax K.G., Okin P.M. (1996). "QT interval-heart rate relation during exercise in normal men and women: definition by linear regression analysis", *J. Am. Coll. Cardiol.*; 15, 28, 6, 1547–1555.

Kramer B., Brill M., Bruhn A., et al. (1986). "Relationship between the degree of coronary artery disease and of left ventricular function and the duration of the QT interval in ECG", *Eur. Heart J.*; 14–24.

Kuo C.S., Munakata K., Reddy C.P., Surawicz B. (1983). "Characteristics and possible mechanism of ventricular arrhythmia dependent on the dispersion of action potential durations", *Circulation*; 67, 1356–1367.

Laguna P., Thakor N.V., Caminal P., Jané R., Yoon H.R., Bayés de Luna A., Martí V., Guindo J. (1990). "New algorithm for QT interval analysis in 24-hour Holter ECG: performance and applications", *Med. & Biol. Eng. & Comput.*; 28, 67–73.

La Rovere M.T., Spechia G., Mortara A., et al. (1988). "Baroreflex sensitivity, clinical correlates, and cardiovascular mortality among patients with a first myocardial infarct", *Circulation*; 78, 816–824.

Lax K.G., Okin P.M., Kligfield P. (1994). "Electrocardiographic repolarization measurements at rest and during exercise in normal subjects and in patients with coronary artery disease", *Am. Heart J.*; 128, 2, 271–280.

Leitch J., Basta M., Dobson A. (1995). "QT dispersion does not predict early ventricular fibrillation after acute myocardial infarction", *PACE*; 18, 45–48.

Lepeschkin E., Surawicz B. (1952). "The measurement of the QT interval of the electrocardiogram", *Circulation*; 6, 378–388.

Li C., Zheng C., Tai C. (1995). "Detection of ECG characteristic points using wavelet transforms", *IEEE Trans. on Biomed. Eng.*; 42, 1, 21–28.

Locati E., Schwartz P.J. (1987). "Prognostic value of QT interval prolongation in post myocardial infarction patients", *Eur. Heart J.*; 8 (Suppl. A), 121–126.

Lown B., Verrier R. (1976). "Neural activity and ventricular fibrillation", *N. Engl. J. Med.*; 294, 1165–1170.

Lubinski A., Kornacewics-Jach Z., Wnuk-Wojnar A.M. et al. (2000). "The terminal portion of the T wave: a new electrocardiographic marker of risk of ventricular arrhythmias", *PACE*; 23 (Pt. II), 1957–1959.

Macfarlane P.W. (1989). "Lead systems" en Macfarlane P.W., Veitch Lawrie T.D. "Comprehensive electrocardiology. Theory and practice in health and disease", Vol. 1, Pergamon Press.

Macfarlane P.W., Veitch Lawrie T.D. (1989). "The normal electrocardiogram and vectorcardiogram", en Macfarlane P.W., Veitch Lawrie T.D. "Comprehensive electrocardiology. Theory and practice in health and disease", Vol. 1, Pergamon Press.

McLaughlin N.B., Campbell R.W.F., Murray A. (1995). "Comparison of automatic QT measurement techniques in the normal 12 lead electrocardiogram", Br. Heart J.; 74, 84–89.

Malik M., Camm A.J. (1997). "Mystery of QTc interval dispersion", Am. J. Cardiol.; 79, 785–787.

Mallat S. (1989). "A theory for multiresolution signal decomposition: the wavelet representation", IEEE Trans. Patt. Anal. Mach. Intell.; 11, 7, 674–693.

Mallat S., Zhong S. (1992). "Characterization of signals from multiscale edges", IEEE Trans. Patt. Anal. Mach. Intell.; 14, 7, 710–732.

Mason R.E., Likar I. (1966). "A new system of multiple-lead exercise electrocardiography", Am. Heart J.; 71, 2, 196–205.

Merri M., Benhorin J., Alberti M., Locati E., Moss A.J. (1989). "Electrocardiographic quantitation of ventricular repolarization", Circulation; 80, 1301–1308.

Meyer Y. (1992). "Wavelets and operators", Cambridge studies in advanced mathematics, 37, Cambridge University Press.

Michaelis M., Perz S., Black C., Sommer G. (1993). "Detection and classification of P waves using Gabor wavelets", Computers in Cardiology; 531–534.

Milletich A., Latini R., Garrido G., et al. for the GISSI-ECG Collaborative Group. (1996). "Lack of prognostic value of QT dispersion at discharge in patients recovering from acute myocardial infarction: A case control study from the GISSI database", *Eur. Heart J.*; 17 (Supl.), 30.

Mirvis D.M. (1985). "Spatial variation of QT intervals in normal persons and patients with acute myocardial infarction", *J. Am. Coll. Cardiol.*; 5, 625–631.

Moller M. (1981). "QT interval in relation to ventricular arrhythmias and sudden cardiac death in postmyocardial infarction patients", *Acta Med. Scand.*; 210, 73–77.

Moreno F.L., Villanueva T., Karagounis L.A., et al. (1994). "Reduction of QT interval dispersion by successful thrombolytic therapy in acute myocardial infarction", *Circulation*; 90, 94–100.

Morganroth J. (1993). "QTc interval prolongation: is it beneficial or harmful?", *Am. J. Cardiol.*; 72, 6, 1B–59B.

Morlet D., Peyrin F., Desseigne P., Toubol P., Rubel P. (1993). "Wavelet analysis of high resolution signal averaged ECGs in postinfarction patients", *Journal of Electrocardiology*; 26, 4, 311–320.

Moss A.J. (1993). "Measurement of the QT interval and the risk associated with QTc interval prolongation: a review ", *Am. J. Cardiol.*; 72, 6, 23B–25B.

Myerburg R.J., Epstein K., Gaide M.S., et al. (1982). "Electrophysiologic consequences of experimental acute ischemia superimposed on healed myocardium infarction in cats", *Am. J. Cardiol.*; 49, 323–330.

O'Donnell J., Lovelace D.E., Knoebel S.B., McHenry P.L. (1985). "Behavior of the terminal T wave during exercise in normal subjects, patients with symptomatic coronary artery disease and apparently healthy subjects with abnormal ST segment depression", *J. Am. Coll. Cardiol.*; 5, 78–84.

Oikarinen L., Viitasalo M., Toivonen L. (1998). "Dispersiones of the QT interval in postmyocardial infarction patients presenting with ventricular tachycardia or with ventricular fibrillation", *Am. J. Cardiol.*; 81, 694–697.

Pan J., Tompkins W.J. (1985). "A real-time QRS detection algorithm", *IEEE Trans. Biomed. Eng.*; 32, 230–236.

Pedretti R.F.E., Catalano O., Ballardini L., et al. (1996). "QT interval dispersion is not useful for predicting arrhythmic events in myocardial infarction survivors with left ventricular dysfunction", *Eur. Heart J.*; 17 (Suppl.), 30.

Perkiomaki J.S., Koistinen J., Yli-Mayry S., Huikuri H.V. (1995). "Dispersion of QT interval in patients with and without susceptibility to ventricular tachyarrhythmias after previous myocardial infarction", *J. Am. Coll. Cardiol.*; 26, 174–179.

Perkiomaki J.S., Huikuri H.V., Koistinen J.M. et al. (1997). "Heart rate variability and dispersion of QT interval in patients with vulnerability to ventricular tachycardia and ventricular fibrillation after previous myocardial infarction", *J. Am. Coll. Cardiol.*; 30, 1331–1338.

Peters R.W., Byington R.P., Barker A., Yusuf S., for the BHAT Study Group. (1990). "Prognostic value of prolonged ventricular repolarization following myocardial infarction: the BHAT experience", *J. Clin. Epidemiol.*; 43, 167–172.

Pietka E. (1991). "Feature extraction in computerized approach to the ECG analysis", *Pattern Recog.*; 24, 139–146.

Plonsey R. (1988). "Electrocardiography", *Encyclopedia of Medical Devices*, Edit. J.G. Webster, John Wiley and Sons, New York, 1017–1040.

Pohjola-Sintonen S., Siltanen P., Haapokoski J. (1986). "Usefulness of QTc interval on the discharge electrocardiogram for predicting survival after acute myocardial infarction", *Am. J. Cardiol.*; 57, 1066–1068.

Pipberger H.V. et al. (1975). "Recommendations for standardization of leads and of specifications for instruments in electrocardiography and vectorcardiography, Report of the Committee on Electrocardiography, American Heart Association", *Circulation*; 52, 11.

Puddu P.E., Jouve R., Mariotti S. et al. (1988). "Evaluation of ten QT prediction formulas in 881 middle-aged men from the seven countries study: emphasis on the cubic-root Fridericia's equation", *J. Electrocardiol.*; 21, 219–229.

Puljevic D., Smalcelj A., Durakovic Z. et al. (1997). "QT dispersion, daily variations, QT interval adaptation and late potentials as risk markers for ventricular tachycardia", *Eur. Heart J.*; 18, 1343–1349.

Ramos J. (1997). "Detección de micropotenciales auriculares de alta frecuencia", Tesis Doctoral, ETSETB, Universitat Politècnica de Catalunya, Barcelona, España.

Rautaharju P.M., Warren J.W., Calhoun H.P. (1990). "Estimation of QT prolongation: A persistent, avoidable error in computer electrocardiography", *J. Electrocardiol.*; 23 (Suppl.), 111–117.

Rickards A.F., Norman J. (1981). "Relation between QT interval and heart rate: new design of physiologically adaptive cardiac pacemaker", *Br. Heart J.*; 45, 56–61.

Roberts PM., Fodor JG., Tibblin G., Wilhelmsen L. (1986). "A study of the association between the prolongation of the QT interval in the resting ECG and myocardial infarction", *Acta Med. Scand.*; 220, 395–400.

Rosanski G., Jalife J., Moe G. (1984). "Determinants of postrepolarization refractoriness in depressed mammalian ventricular muscle", *Circ. Res.*; 55, 486–496.

Rothschild M., Rothschild A., Pfeifer M. (1988). "Temporary decrease in cardiac parasympathetic tone after acute myocardial infarction", *Am. J. Cardiol.*; 18, 637–639.

Rueda C. (1997). "Disseny d'un electrocardiògraf de 16 canals per a electrocardiografia d' alta resolució", Proyecto Final de Carrera, ETSETB, Universitat Politècnica de Catalunya, Barcelona, España.

Sáenz de la Calzada C. (1985). "Introducción a la clínica de la cardiopatía isquémica", en: Sáenz de la Calzada C., Zarco P. edits. "Cardiopatía isquémica", Edit. Doyma, Barcelona, España, 84–115.

Sahambi J.S., Tandon S.N., Bhatt R.K.P. (2000). "An automated approach to beat by beat QT interval analysis", IEEE Eng. Med. Biol. Mag.; 19, 3, 97–101.

Sarma J.S.M., Sarma R.J., Bilitch M., et al. (1984). "An exponential formula for heart rate dependence of QT interval during exercise and cardiac pacing in humans: reevaluation of Bazett's formula", Am. J. Cardiol.; 54, 103–108.

Sarma J.S.M., Venkataraman K., Samant D.R., et al. (1987). "Hysteresis in the human RR-QT relationship during exercise and recovery", PACE; 10, 485–491.

Savelieva I., Yap Y.G., Yi G., et al. (1998). "Comparative reproducibility of QT, QTpeak and Tpeak-Tend intervals and dispersion in normal subjects, patients with myocardial infarction, and patients with hypertrophic cardiomyopathy", PACE; 21(Pt. II), 2376–2381.

Savelieva I., Yap Y.G., Yi G., et al. (1999). "Relation of ventricular repolarization to cardiac cycle length in normal subjects, hypertrophic cardiomyopathy, and patients with myocardial infarction", Clin. Cardiol.; 22, 10, 649–654.

Savelieva I., Reddy SB., Camm AJ., Malik M., (2000) "Does dispersion of repolarization depend on cardiac cycle length and should it be rate-corrected? Observations in 1906 healthy subjects", J. Am. Coll. Cardiol.; 35, 2, Suppl. A, 143 (abstract).

Schwartz P.J., Malliani A. (1975). "Electrical alternation of the T-wave: clinical and experimental evidence of its relationship with the sympathetic nervous system and with the long QT syndrome", Am. Heart J.; 89, 45–53.

Schwartz P.J., Wolf S. (1978). "QT interval prolongation as predictor of sudden death in patients with myocardial infarction", *Circulation*; 57, 1074–1077.

Schwartz P.J., La Rovere M.T., Vanoli E. (1992). "Autonomic nervous system and sudden cardiac death. Experimental basis and clinical observations for post-myocardial infarction risk stratification", *Circulation*; 85(Suppl I), I77–I91.

Seed W.A., Noble M.I.M., Oldershaw P. et al. (1987). "Relation of human cardiac action potential duration to the interval between beats: implications for the validity of rate corrected QT interval (QTc)", *Br. Heart J.*; 57, 32–37.

Senhadji L., Carrault G., Bellanger J.J., Passariello G.F. (1995). "A comparative study of wavelet transforms for the recognition of cardiac patterns", *IEEE-EMB Magazine March*; 167–173.

Schaw M. (1996). "ECG Interpretación clínica", 2ª. ed., Edit. El Manual Moderno, México D.F.

Sheffield L.T., Prineas R., Cohen H.C. et al. (1978). "Task force II: Quality of electrocardiographic records", *Am. J. Cardiol.*; 41, 146–157.

Simoons M.L. (1989). "Exercise electrocardiography and exercise testing", en Macfarlane P.W., Veitch Lawrie T.D. "Comprehensive electrocardiology. Theory and practice in health and disease", Vol. 1, Pergamon Press.

Singh B.N. (1989). "When is QT prolongation antiarrhythmic and when is it proarrhythmic?", *Am. J. Cardiol.*; 63, 867–869.

Sodi Pallares D., Medrano G.A., Bisteni A., Ponce de León J. (1996). "Electrocardiografía clínica", Edit. Méndez Editores, México D.F.

Sosnowski M., Czyz Z., Petelencz T. et al. (1997). "Increased QRS complex dispersion in postinfarction patients: is it clinically important?", *Computers in Cardiology*; 24, 729–732.

Stajer D., Mozina H., Noc M., Rode P. (1993). "Correlation between QTc interval duration and left ventricular systolic dysfunction in patients with acute myocardial infarction", *J. Electrocardiol.*; 26, 4, 333–340.

Statters D.J., Malik M., Ward D.E., Camm J. (1994). "QT dispersion: problems of methodology and clinical significance", *J. Cardiovas. Electrophysiol.*; 5, 672–685.

Surawicz B., Uhley H., Borun R. et al. (1978). "Task force I: Standardization of terminology and interpretation", *Am. J. Cardiol.*; 41, 130–145.

Surawicz B., Knoebel S.B. (1984). "Long QT: good, bad or indifferent?", *J. Am. Coll. Cardiol.*; 4, 398–413.

Surawicz B. (1996). "Will QT dispersion play a role in clinical decision-making ?". *J. Cardiovas. Electrophysiol.*; 7, 777–784.

Sylvén J.C., Horacek B.M., Spencer A., Klassen G.A., Montague T.J. (1984). "QT interval variability on the body surface", *J. Electrocardiol.*; 17, 179–188.

Thakor N.V., Webster J.G., Tompkins W.J. (1984). "Estimation of QRS complex power spectra for design of a QRS filter", *IEEE Trans. Biomed. Eng.*; 31, 702–706.

Tompkins W.J. (1993). "Biomedical digital signal processing", Edit. Prentice-Hall, New Jersey, USA.

Trouton T.G., Kim Y.H., Garan H. (1998). "Acute on chronic ischemia in the genesis of ventricular arrhythmias", en: Akhtar M., Myerburg R.J., Ruskin J.N., edits. "Sudden cardiac death", Williams & Wilkins, Filadelfia, USA, 318–326.

Tuteur F.B. (1989). "Wavelet transformations in signal detection", *Proc. Intl. Conf. ASSP*; 1435–1438.

Unser M., Aldroubi A., Eden M. (1992). "On the asymptotic convergence of B-spline wavelets to Gabor functions", *IEEE Transactions on Information Theory*; 38, 2, 864–872.

Unser M., Aldroubi A., Schiff S.J. (1994). "Fast implementation of the continuous wavelet transform with integer scales", *IEEE Trans. On Signal Processing*; 42, 12, pp. 3519–3523.

Valle. V., Fuster V., Maseri A. (1989). "Manejo del enfermo coronario: tres puntos de vista", en: Valle V., Sanz G. eds. "Coloquios sobre cardiopatía isquémica", Sociedad Española de Cardiología, 448–491.

Van de Loo A., Arendts W., Hohnloser SH. (1994). "Variability of QT dispersion measurements in the surface electrocardiogram in patients with acute myocardial infarction and in normal subjects ", *Am. J., Cardiol.*; 74, 1113–1118.

Vaughan W.E.M. (1982). "QT interval and action potential duration", *Br. Heart J.*; 47, 513–514.

Viitasalo M., Rovamo L., Toivonen L. et al. (1996). "Dynamics of the QT interval during and after exercise in healthy children", *Eur. Heart J.*; 17, 1723–1728.

Wartak J. (1985). "Interpretación de electrocardiogramas", 2^a. ed., Edit. Nueva Editorial Interamericana, México D.F.

Wellens H.J.J. (1994). "Key references on sudden cardiac death", *Circulation*; 20, 2547–2553.

Wheelan K., Mukharji K., Rude R., et al. (1986). "Sudden death and its relation to QT interval prolongation after acute myocardial infarction: two-year follow-up", *Am. J. Cardiol.*; 57, 745–750.

Willems J.L. (1988). "Common standards for quantitative electrocardiography. CSE multilead atlas, Measurement results-data set 3", CSE Project, Commission of the European Communities, Medical and Public Health Research.

Willems J.L., et al. for the CSE Working Party (1990). "Common standards for quantitative electrocardiography: goals and main results", *Meth. Inform. Med.*; 29, 263–271.

Wilson F.N., Macleod A.G., Barker P.S., Johnston F.D. (1934). "Determination of the significance of the areas of the ventricular deflections of the electrocardiogram", *Am. Heart J.*; 10, 46–61.

Wolf M.M., Varigos G.A., Hunt D., Sloman J.G., (1978). "Sinus arrhythmia in acute myocardial infarction", *Med. J. Australia*; 2, 52–53.

Xie Q.Z., Hu Y.H., Tompkins W.J. (1992). "Neural-network based adaptive matched filtering of QRS detection", *IEEE Trans. Biomed. Eng.*; 39, 317 – 329.

Xue Q., Reddy S. (1997). "Algorithms for computerized QT analysis", *J. Electrocardiol.*; 30 (Suppl.), 181–186.

Yamaki M., Igarashi H., Ikeda K. et al. (1987). "The body surface distribution of the QT interval in patients with previous myocardial infarction and normal subjects", *Jpn. Circ.*; J51, 1289–1295.

Yan G.X., Antzelevitch C. (1995). "Delayed repolarization of M cells underlies the manifestation of U waves, notched T waves and long QT intervals in the electrocardiogram", *Circulation*; 92 (Suppl. I), 480, (abstract).

Zabel M., Portnoy S., Franz MR. (1995). "Electrocardiographic indexes of dispersion of ventricular repolarization: an isolated heart validation study", *J. Am. Coll. Cardiol.*; 25, 746–752.

Zabel M., Woosley R.L., Franz M.R. (1997a). "Is dispersion of ventricular repolarization rate dependent?", *PACE*; 20, 2405–2411.

Zabel M., Franz M.R., Klingenhoben T., et al. (1997b). "Rate-dependence of the QT interval and of QT dispersion: comparison of atrial pacing and exercise testing", *Circulation*; 96,1, 325 (abstract).

Zabel M., Klingenheben T., Franz M.R., Hohnloser S.H. (1998a). "Assessment of QT dispersion for prediction of mortality or arrhythmic events after myocardial infarction", *Circulation*; 97, 2543–2550.

Zabel M., Lichtlen P.R., Haverich A., Franz M.R. (1998b). "Comparison of ECG variables of dispersion of ventricular repolarization with direct myocardial repolarization measurements in the human heart", *J. Cardiovasc. Electrophysiol.*; 9, 1279–1284.

Zaidi M., Robert A.R., Fesler R., et al. (1996). "Computer assisted study of ECG indices of the dispersion of ventricular repolarization", *J. Electrocardiol.*; 29, 199–211.

Zareba W., Moss A.J., and the LQTS Study Group (1994a). "Criteria for delayed repolarization in patients with wide QRS complex", *J. Am. Coll. Cardiol.*; 23, 37A.

Zareba W., Moss A.J., le Cessie S. (1994b). "Dispersion of ventricular repolarization and arrhythmic cardiac death in coronary artery disease", *Am. J. Cardiol.*; 74, 550–553.

Zaputovic L., Mavric Z., Zaninovic T., Matana A., Bradic N. (1997). "Relationship between QT dispersion and the incidence of early ventricular arrhythmias in patients with acute myocardial infarction", *Int. J. Cardiol.*; 62, 211–216.