

6 Literaturverzeichnis

- ¹ Murray, CJ; Lopez, AD; Mathers, CD; Stein, C: The Global Burden of Disease 2000 project: aims, methods and data sources, Geneva, World Health Organization (GPE Discussion Paper No. 36) 2001, <http://www.who.int/whr>
- ² Lozano, R; Murray, CJL; Lopez, AD; Satoh, T: Miscoding and misclassification of ischaemic heart disease mortality: Geneva, World Health Organization (GPE Working Paper No. 12) 2001, www3.who.int/whosis/discussion_papers/pdf/paper12.pdf
- ³ Murray, CJ; Lopez, AD: Alternative projections of mortality and disability by cause 1990-2020: Global Burden of Disease Study, The Lancet 1997: 349: 1498-1504
- ⁴ Senior, R; Kaul, S; Lahiri, A: Myocardial viability on echocardiography predicts long-term survival after revascularization in patients with ischemic congestive heart failure, J Am Coll Cardiol 1999: 33: 1848-1854
- ⁵ Williams, J; Odabashian, J; Lauer, MS; Thomas, JD; Marwick, TH: Prognostic value of dobutamine echocardiography in patients with left ventricular dysfunction, J Am Coll Cardiol 1996: 27: 132-139
- ⁶ Afridi, I; Grayburn, PA; Panza, JA; Oh, JK; Zoghbi, WA; Marwick, TH: Myocardial viability during dobutamine echocardiography predicts survival in patients with Coronary artery disease and severe left ventricular systolic dysfunction, J Am Coll Cardiol 1998: 32: 921-926
- ⁷ Meluzin, J; Cerny, J; Frelich, M; Stetka, F; Spinarova, L; Popelova, J; Stipal, R: Prognostic value of the amount of dysfunctional but viable myocardium in revascularized patients with coronary artery disease and left ventricular dysfunction, J Am Coll Cardiol 1998: 32: 912-920
- ⁸ Pagley, PR; Beller, GA; Watson, DD; Gimple, LW; Ragosta, M: Improved outcome after coronary bypass surgery in patients with ischemic cardiomyopathy and residual myocardial viability, Circulation 1997: 96: 793-800

- ⁹ Gioia, G; Powers, J; Jaekyeong, H; Iskandrian, AS: Prognostic value of rest-redistribution tomographic thallium-201 imaging in ischemic cardiomyopathy, *Am J Cardiol* 1995: 75: 759-762
- ¹⁰ Eitzman, D; Al-Aouar, Z; Kanter, HL; vom Dahl, J; Kirsh, M; Deeb, GM; Schwaiger, M: Clinical outcome of patients with advanced coronary artery disease after viability studies with positron emission tomography, *J Am Coll Cardiol* 1992: 20: 559-565
- ¹¹ Yoshida, K; Gould, LK: Quantitative relation of myocardial infarction size and myocardial viability by positron emission tomography to left ventricular ejection fraction and 3-year mortality with and without revascularization, *J Am Coll Cardiol* 1993: 22: 984-997
- ¹² Di Carli, MF; Davidson, M; Little, R; Khanna, S; Mody, FV; Brunken, RC; Czernin, J; Rokhsar, S; Stevenson, LW; Laks, H; Hawkins, R; Schelbert, HR; Phelps, ME; Maddahi, J: Value of metabolic imaging with positron emission tomography for evaluating prognosis in patients with coronary artery disease and left ventricular dysfunction, *Am J Cardiol* 1994: 73: 527-533
- ¹³ Lee, KS; Marwick, TH; Cook, SA; Go, RT; Fix, JS; James, KB; Sapp, SK; MacIntyre, WJ; Thomas, JD: Prognosis of patients with left ventricular dysfunction, with and without viable myocardium after myocardial infarction. Relative efficacy of medical therapy and revascularization, *Circulation* 1994: 90: 2687-2694
- ¹⁴ vom Dahl, J; Althoefer, C; Buechin, P; Sheehan, FH; Schwarz, ER; Koch, KC; Schulz, G; Uebis, R; Schöndube, F; Messmer, BJ; Buell, U; Hanrath, P: Einfluss von Myokardvitalität und Koronarrevaskularisation auf klinische Entwicklung und Prognose: Eine Verlaufsbeobachtung bei 161 Patienten mit koronarer Herzkrankheit, *Z Kardiol* 1996: 85: 868-881
- ¹⁵ Zhang, X; Liu, XJ; Wu, Q; Shi, R; Gao, R; Liu, Y; Hu, S; Tian, Y; Guo, S; Fang, W: Clinical outcome of patients with previous myocardial infarction and left ventricular dysfunction assessed with myocardial ^{99m}Tc-MIBI SPECT and ¹⁸F-FDG PET, *J Nucl Med* 2001: 42: 1166-1173
- ¹⁶ Wieler, HJ: ²⁰¹Thallium, in: *Single-Photon-Emissions-Computertomographie (SPECT) des Herzens*, Springer-Verlag Berlin, Heidelberg 1997, S. 79-88

- ¹⁷ Johnson, L: Thallium-201 to assess myocardial viability, in Iskandrian, AS; van der Wall, EE (Hrsg.): Myocardial viability Detection and clinical relevance, Kluwer Academic Publishing, The Netherlands 1994, S. 19-37
- ¹⁸ Schicha, H; Schober, O: Herz-Kreislauf-System, in: Nuklearmedizin, Schattauer, Stuttgart 4. Auflage 2000, S. 128-150
- ¹⁹ Huitink, JM; Visser, FC; Bax, JJ; Visser, CA: Detection of viability after myocardial infarction: available techniques and clinical relevance – a review, Int J Cardiol 1995: 51: 253-266
- ²⁰ Bax, JJ; Wijns, W; Cornel, JH; Visser, FC; Boersma, E; Fioretti, PM: Accuracy of currently available techniques for prediction of functional recovery after revascularization in patients with left ventricular dysfunction due to chronic coronary artery disease: comparison of pooled data, J Am Coll Cardiol 1997: 30: 1451-1460
- ²¹ Morguet, AJ; Schelbert, HR: Assessment of viability with fluorine-18 fluorodeoxyglucose positron emission tomography, in: Zaret, BL; Beller, GA (Hrsg.): Nuclear Cardiology state of the art and future directions second edition, Mosby 1999, S. 550-560
- ²² Bergmann, SR: Delineation of viable myocardium with metabolic imaging, in: Iskandrian, AS; van der Wall, EE (Hrsg.): Myocardial viability Detection and clinical relevance, Kluwer Academic Publishing, The Netherlands 1994, S. 53-70
- ²³ Zimmermann, A: Vergleich von Myokard-SPECT mit Stressechokardiographie, in: Wieler, HJ (Hrsg.): Single-Photon-Emissions-Computertomographie (SPECT) des Herzens, Springer-Verlag, Berlin-Heidelberg 1997, S. 256-271
- ²⁴ Baule, G; Mc Fee, R: Detection of the magnetic field of the heart, Am Heart J 1963: 66: 95-96
- ²⁵ Ranze, O: Magnetokardiographische Lokalisation der akzessorischen Leitungsbahn bei Patienten mit Wolff-Parkinson-White-Syndrom mittels Mehrkanal-SQUID-System, Dissertation FU Berlin 1998
- ²⁶ Koch, H: SQUID Magnetocardiography: Status and Perspectives, IEEE Transactions on Applied Superconductivity 2001: 11: 49-59

- ²⁷ Hailer, B; van Leeuwen, P; Donker, D; Grönemeyer, D; Seibel, R; Wehr, R: Die Anwendung des Biomagnetismus in der Kardiologie, *Herzschrittmacher* 1995: 15: 90-103
- ²⁸ Tavarozzi, I; Comani, S; Del Gratta, C; Romani, GL; Di Luzio, S; Brisinda, D; Gallina, S; Zimarino, M; Fenici, R; De Caterina, R: Current perspective Magnetocardiography: current status and perspectives. Part I. Physical principles and instrumentation, *Ital Heart J* 2002: 3: 75-85
- ²⁹ Schinkel, AF; Bax, JJ; Elhendy, A; Boersma, E; Vourvouri, EC; Sozzi, FB; Vakema, R; Roelandt, JR; Poldermans, D: Assessment of viable tissue in Q-wave regions by metabolic imaging using single-photon emission computed tomography in ischemic cardiomyopathy, *Am J Cardiol* 2002: 89: 1171-1175
- ³⁰ Al-Mohammad, A; Norton, MY; Mahy, IR; Patel, JC; Welch, AE; Mikecz, P; Walton, S: Can the surface electrocardiogram be used to predict myocardial viability?, *Heart* 1999: 82: 663-667
- ³¹ Schneider, CA; Voth, E; Baer, FM; Horst, M; Wagner, R; Sechtem, U: QT dispersion is determined by the extent of viable myocardium in patients with chronic Q-wave myocardial infarction, *Circulation* 1997: 96: 3913-3920
- ³² Ikonomidis, I; Athanassopoulos, G; Karatasakis, G; Manolis, AS; Marinou, M; Economou, A; Cokkinos, DV: Dispersion of ventricular repolarization is determined by the presence of myocardial viability in patients with old myocardial infarction. A dobutamine stress echocardiography study, *Eur Heart J* 2000: 21: 446-456
- ³³ Li, VH; Dorbala, S; Narula, D; DePuey, G; Steinberg, JS: QT dispersion and viable myocardium in patients with prior myocardial infarction and severe left ventricular dysfunction, *Ann Noninvasive Electrocardiol* 2002: 7: 53-59
- ³⁴ Margonato, A; Ballarotto, C; Bonetti, F; Cappelletti, A; Sciammarella, M; Cianflone, D; Chierchia, SL: Assessment of residual tissue viability by exercise testing in recent myocardial infarction: comparison of the electrocardiogram and myocardial perfusion scintigraphy, *J Am Coll Cardiol* 1992: 19: 948-952

- ³⁵ Mehta, AB; Mardikar, HM: Role of percutaneous transluminal coronary angioplasty in patients of exercise induced ST segment elevation in infarct related leads, *J Assoc Physicians India* 1995; 43: 619-620
- ³⁶ Lekakis, JP; Prassopoulos, V; Kostamis, P; Mouloupoulos, S: Dobutamin-induced ST-segment elevation in patients with healed myocardial infarction. A marker of myocardial viability, *J Electrocardiol* 1995; 28: 91-97
- ³⁷ Lanzarini, L; Fetiveau, R; Poli, A; Cavalotti, C; Griffini, M; Previtali, M: Significance of ST-segment elevation during dobutamine-stress echocardiography in patients with acute myocardial infarction treated with thrombolysis, *Eur Heart J* 1996; 27: 599-605
- ³⁸ Lombardo, A; Loperfido, F; Pennestri, F; Rossi, E; Patrizi, R; Cristinziani, G; Catapano, G; Maseri, A: Significance of transient ST-T segment changes during dobutamine testing in Q wave myocardial infarction, *J Am Coll Cardiol* 1996; 27: 599-605
- ³⁹ Schneider, CA; Helmig, AK; Baer, FM; Horst, M; Erdmann, E; Sechtem, U: Significance of exercise-induced ST-segment elevation and T-wave pseudonormalization for improvement of function in healed Q-wave myocardial infarction, *Am J Cardiol* 1998; 82: 148-153
- ⁴⁰ Yamagishi, H; Akioka, K; Takagi, M; Tanaka, A; Takeuchi, K; Yoshikawa, J; Ochi, H: Exercise four hour redistribution thallium-201 single photon emission computed tomography and exercise induced ST segment elevation in detecting the viable myocardium in patients with acute myocardial infarction, *Heart* 1999; 81: 17-24
- ⁴¹ Samad, BA; Jensen-Urstad, K; Hulting, J; Ruiz, H; Hojer, J; Bouvier, F; Jensen-Urstad, M: Myocardial viability in patients with thrombolized myocardial infarction: is it assessable by predischarge exercise electrocardiography test?, *Clin Cardiol* 2001; 24: 21-25

- ⁴² Margonato, A; Chierchia, SL; Xuereb, RG; Xuereb, M; Fragasso, G; Cappelletti, A; Landoni, C; Lucignani, G; Fazio, F: Specificity and sensitivity of exercise-induced ST segment elevation for detection of residual viability: comparison with fluorodeoxyglucose and positron emission tomography, *J Am Coll Cardiol* 1995: 25: 1032-1038
- ⁴³ Nakano, A; Lee, JD; Shimizu, H; Tsuchida, T; Yonekura, Y; Ishii, Y; Ueda, T: Reciprocal ST-segment depression associated with exercise-induced ST-segment elevation indicates residual viability after myocardial infarction, *J Am Coll Cardiol* 1999: 33: 620-626
- ⁴⁴ Giorgetti, A; Sambuceti, G; Neglia, D; Sorace, O; Salvadori, PA; Parodi, O: Significance of both negative T waves and stress-induced normalization of the repolarization phase in infarcted patients: a positron-emissions-tomography assessment of regulation of myocardial blood flow and viability of myocardium, *Coron Artery Dis* 2001: 12: 205-215
- ⁴⁵ Rambaldi, R; Bigi, R; Desideri, A; Curti, G; Occhi, G: Prognostic usefulness of dobutamine-induced ST-segment elevation and T-wave normalization after uncomplicated acute myocardial infarction, *Am J Cardiol* 2000: 86: 786-789, A9
- ⁴⁶ Ajisaka, R; Watanabe, S; Masuoka, T; Yamanouchi, T; Saitoh, T; Toyama, M; Takeda, T; Itai, Y; Sugishita, Y: Relationship between normalization of negative T waves on exercise ECG and residual myocardial viability in patients with previous myocardial infarction and no post-infarction angina, *Jpn Circ J* 1998: 62: 153-159
- ⁴⁷ Mobilia, G; Zanco, P; Desideri, A; Neri, G; Alitto, F; Suzzi, G; Chierichetti, F; Celegon, L; Ferlin, G; Buchberger, R: T wave normalization in infarct-related electrocardiographic leads during exercise testing for detection of residual viability: comparison with positron emissions tomography, *J Am Coll Cardiol* 1998: 32: 75-82
- ⁴⁸ Watanabe, S; Kawamura, Y; Watanabe, Y; Tanaka, K; Tanaka, K; Takei, Y; Ejiri, N; Shimada, K: Viability of Q-wave infarcted myocardium with restored positive and persistent negative T waves after optimal revascularization compared with dobutamine stress echocardiography: *Am J Cardiol* 2000: 85: 31-36

- ⁴⁹ Kim, KJ; Shim, WJ; Jung, SW; Pak, HN; Lee, SJ; Song, WH; Kim, YH; Seo, HS; Oh, DJ; Ro, YM: Relationship between T-wave normalization on exercise ECG and myocardial function recovery in patients with acute myocardial infarction, *Korean J Intern Med* 2002: 17: 122-130
- ⁵⁰ Hahalis, G; Stathopoulos, C; Apostolopoulos, D; Vasilakos, P; Alexopoulos, D; Manolis, AS: Contribution on the ST elevation/T-wave normalization in Q-wave leads during routine, pre-discharge treadmill exercise test to patient management and risk stratification after acute myocardial infarction : a 2.5-year follow-up study, *J Am Coll Cardiol* 2002: 40: 62-70
- ⁵¹ Coletta, C; Galati, A; Ricci, R; Aspromonte, N; Sestili, A; Re, F; Ceci, V: ECG changes during dobutamine stress test and spontaneous recovery of contractility in patients with myocardial infarction, *G Ital Cardiol* 1998: 28: 349-356
- ⁵² Miwa, K; Igawa, A; Nakagawa, K; Hirai, T; Fujita, M; Inoue, H: Exercise-induced negative U waves in precordial leads as a marker of viable myocardium in patients with recent anterior myocardial infarction, *Int J Cardiol* 2000: 73: 149-156
- ⁵³ Mäkijärvi, M; Montonen, J; Toivonen, L; Siltanen, P; Nieminen, MS; Leiniö, M; Katila, T: Identification of patients with ventricular tachycardia after myocardial infarction by high-resolution magnetocardiography and electrocardiography, *J Electrocardiol* 1993: 26: 117-124
- ⁵⁴ Pohle, K; Flüg, M; Giesler, T; Winklmaier, M; Achenbach, S; Klinghammer, L; Moshage, W; Daniel, WG: Risikostratifikation durch Analyse von QT-Dispersion und Spätpotentialen im Elektrokardiogramm und biplanen Magnetokardiogramm bei Patienten mit KHK, *Biomed Tech* 1998: 43 (Suppl. I): 236-237
- ⁵⁵ Leder, U; Oeff, M; Endt, P; Kessler, B; Kienast, T; Schultheiß, HP: Magnetokardiographische QT-Dispersion bei Patienten mit malignen ventrikulären Tachyarrhythmien, *Z Kardiol* 1995: 84 (Suppl. I): 63
- ⁵⁶ Korhonen, P; Montonen, J; Mäkijärvi, M; Katila, T; Nieminen, MS; Toivonen, L: Late fields of the magnetocardiographic QRS complex as indicators of propensity to sustained ventricular tachycardia after myocardial infarction, *J Cardivasc Electrophysiol* 2000: 11: 413-420

- ⁵⁷ Müller, HP; Gödde, P; Czerski, K; Oeff, M; Endt, P; Steinhoff, U; Trahms, L: Magnetokardiographische Analyse intraventrikulärer Aktivierung durch zweidimensionales Mapping der Fragmentierung und bandpassgefilterten QRS-Komplexes, Biomed Tech 1998: 43 (Suppl. I): 158-159
- ⁵⁸ Müller, HP; Gödde, P; Czerski, K; Oeff, M; Agrawal, R; Endt, P; Kruse, W; Steinhoff, U; Trahms, L: Magnetocardiographic analysis of the two-dimensional distribution of intra-QRS fractionated activation, Phys Med Biol 1999: 44: 105-120
- ⁵⁹ Endt, P; Hahlbohm, HD; Kreiseler, D; Link, A; Oeff, M; Steinhoff, U; Trahms, L; Zitzmann, H: Ein Algorithmus zur Quantifizierung der Fragmentation des MKGs im QRS-Komplex, Biomed Tech 1995: 40 (Suppl. I):279-280
- ⁶⁰ Endt, P; Hahlbohm, HD; Kreiseler, D; Oeff, M; Steinhoff, U; Trahms, L: Fragmentation of bandpass-filtered QRS-complex of patients prone to malignant arrhythmia: Med Biol Eng Comput 1998: 36: 723-728
- ⁶¹ Link, A; Endt, P; Gödde, P; Oeff, M; Trahms, L: Varianz von Herzschlagrate und QRS-Form von Kardiogrammen bei Gesunden und Arrhythmiepatienten, Biomed Tech 1997: 42 (Suppl.): 63-64
- ⁶² Chaikovsky, I; Koehler, J; Hecker, T; Hailer, B; Sosnitsky, V; Fomin, W; Steinberg, F: High sensitivity of magnetocardiography in patients with coronary artery disease and normal or unspecifically changed electrocardiogram on the basis of magnetocardiography, Circulation 2000: 102: 18 (Suppl. II): 791
- ⁶³ Murakami, M; Nakaya, Y: Studies on the QRS waves of the magnetocardiogram in myocardial infarction, Jap J Clin Physiol 1984: 14: 14-25
- ⁶⁴ Hailer, B: Die Bedeutung der Magnetokardiographie bei koronarer Herzerkrankung und Myokardinfarkt, Herzschr Elektrophys 1997: 8: 167-177
- ⁶⁵ Stroink, G; Lant, J; Elliott, P; Charlebois, P; Gardner, MJ: Discrimination between myocardial infarct and ventricular tachycardia patients using magnetocardiographic trajectory plots and iso-integral maps, J Electrocardiol 1992: 25: 129-142

- ⁶⁶ Hailer, B; Van Leeuwen, P; Donker, D; Rahn, N; Lange, S; Wehr, M: Changes in magnetic field maps at QRS-onset after myocardial infarction, in: *Biomag 96*, 10th International Conference on Biomagnetism, Book of Abstracts, S. 215
- ⁶⁷ Van Leeuwen, P; Hailer, B; Wehr, M: Spatial Distribution of QT Intervals: An Alternative Approach to QT Dispersion, *Pacing Clin Electrophysiol* 1996: 19: 1894-1899
- ⁶⁸ Cohen, D: Steady Fields of the heart: Coronary Artery Occlusion in Dogs; in: *Biomagnetism an interdisciplinary approach*, Plenum Press, New York 1983: 267-270
- ⁶⁹ Monteiro, EC; Della Penna, S; Di Donato, L; Di Luzio, S; Pasquarelli, A; Erne, SN: The study of steady magnetic fields associated with primary and secondary ST shift in ischaemic rabbit hearts, *Physiol Meas* 1997: 18: 191-200
- ⁷⁰ Uchida, S; Iramina, KG; Goto, K; Ueno, S: Current source imaging for high spatial resolution magnetocardiography in normal and abnormal rat cardiac muscles, *J Appl Phys* 2000: 87: 6205-6207
- ⁷¹ Hänninen, H; Takala, P; Mäkijärvi, M; Montonen, J; Korhonen, P; Oikarinen, L; Nenonen, J; Katila, T; Toivonen, L: Detection of exercise-induced myocardial ischemia by multichannel magnetocardiography in single vessel coronary artery disease, *Ann Noninvasive Electrocardiol* 2000: 5: 147-157
- ⁷² Takala, P; Hänninen, H; Montonen, J; Mäkijärvi, M; Nenonen, J; Toivonen, L; Katila, T: Beat-to-beat analysis method for magnetocardiographic recordings during interventions, *Phys Med Biol* 2001: 46: 975-982
- ⁷³ Kandori, A; Kanzaki, H; Miyatake, K; Hashimoto, S; Itoh, S; Tanaka, N; Miyashita, T; Tsukada, K: A method for detecting myocardial abnormality by using a current-ratio map calculated from an exercise-induced magnetocardiogram, *Med Biol Eng Comput* 2001: 39: 29-34
- ⁷⁴ Krakau, I: Die Koronarangiographie, in: *Das Herzkatheterbuch: Diagnostische und interventionelle Kathetertechnik*, Thieme, Stuttgart, New York 1999, S. 39-66

- ⁷⁵ Austen, WG; Edwards, JE; FryeRobert, RL; Gensini, GG; Gott, VL; Griffith, LS; Mc Goon, DC; Murphy, ML; Roe, BB: A reporting system on patients evaluated for coronary artery disease. Report of the Ad Hoc Committee for Grading of Coronary Artery Disease, Council on Cardiovascular Surgery, American Heart Association, *Circulation* 1975: 51: 5 – 40
- ⁷⁶ Schiller, NB; Shah, PH; Crawford, M; DeMaria, A; Devereux, R; Feigenbaum, H; Gutgesell, H; Reichek, N; Sahn, D; Schnittinger, I; Silverman, N; Tajik, J: American Society of echocardiography committee on standards, subcommittee on quantification of two dimensional echocardiograms. Recommendations for the quantification of the left ventricle by two dimensional echocardiography, *J Am Soc Echocardiogr* 1989: 2: 358-367
- ⁷⁷ Sandler, H; Dodge, HT: The use of single plane angiocardiograms for the calculation of left ventricular volume in man, *Am Heart J*: 1968: 75: 325-334
- ⁷⁸ Lichtlen, PR: Koronarangiographie, perimed Fachbuch-Verlagsgesellschaft mbH Erlangen 2. überarbeitete Auflage 1990
- ⁷⁹ The TIMI Study Group: The Thrombolysis In Myocardial Infarction (TIMI) Trial, *N Engl J Med* 1985: 31: 932-936
- ⁸⁰ Oh, JK; Steward, JB; Tajik, AJ: *The Echo Manual*, Little, Brown and Company, First Edition 1994, S. 44
- ⁸¹ Haug, G: Dynamische Stressechokardiographie: Praktische Durchführung, in: *Stressechokardiographie, praktischer Leitfaden für die Klinik*, Steinkopff 1994, S.159-173
- ⁸² Yoshinaga, K; Morita, K; Yamada, S; Komuro, K; Katoh, C; Ito, Y; Kuge, Y; Kohya, T; Kitabatake, A; Tamaki, N: Low-dose dobutamine electrocardiograph-gated myocardial SPECT for identifying viable myocardium: comparison with dobutamine stress echocardiography and PET, *J Nucl Med* 2001: 42: 838-844
- ⁸³ Baer, FM; Voth, E; Deutsch, HJ; Schneider, CA; Horst, M; de Vivie, ER; Schicha, H; Erdmann, E; Sechtem, U: Predictive value of low-dose dobutamine transoesophageal echocardiography and fluorine-18 fluorodeoxyglucose positron emission tomography for recovery of regional left ventricular function after successful revascularization, *J Am Coll Cardiol* 1996: 28: 60-69

- ⁸⁴ Morguet, AJ; Behrens, S; Kosch, O; Lange, C; Zabel, M; Selbig, D; Munz, DL; Schultheiss, H-P; Koch, H: Myocardial viability evaluation using magnetocardiography in patients with coronary artery disease, *Coron Artery Dis* 2004 (im Druck)
- ⁸⁵ Drung, D: The PTB 83-SQUID System for Biomagnetic Applications in a Clinic, *IEEE Trans Appl Supercond* 1995: 5: 2112-2116
- ⁸⁶ Morguet, AJ; Koch, H; Kosch, O; Behrens, S; Lange, C; Wunderlich, W; Selbig, D; Munz, DL; Schultheiss, H-P: Differenzierung zwischen vitalem Herzmuskelgewebe und Infarkt Narbe mithilfe der Magnetokardiographie, *Biomed Tech* 2002: 47 (Suppl. 1): 538-540
- ⁸⁷ Backhaus, K; Erichson, B; Plinke, W; Weiber, R: *Multivariate Analysemethoden: eine anwendungsorientierte Einführung, Diskriminanzanalyse*, Springer-Verlag Berlin, Heidelberg, New York 2000, S. 146-224
- ⁸⁸ Biometrische und Ökonometrische Methoden Einführung in die Diskriminanzanalyse, http://www.wzw.tum.de/dvs/mathstat/biooek97_98/disk.pdf
- ⁸⁹ Chatterjee, K; Swan, HJC; Parmley, WW; Sustaita, H; Marcus, HS; Matloff, J: Influence of direct myocardial revascularization on left ventricular asynergy and function in patients with coronary heart disease, with and without previous myocardial infarction, *Circulation* 1973: 47: 276-286
- ⁹⁰ Brundage, BH; Massie, BM; Botvinick, EH: Improved regional ventricular function after successful surgical revascularization, *J Am Coll Cardiol* 1984: 3: 902-908
- ⁹¹ Rankin, JS; Newmann, GE; Muhlbaier, LH; Behar, VS; Fedor, JM; Sabiston, DC Jr: The effects of coronary revascularization on left ventricular function in ischemic heart disease, *J Thorac Cardiovasc Surg* 1985: 90: 818-832
- ⁹² Rahimtoola, SH: A perspective on the three large multicenter randomized clinical trials of coronary bypass surgery for chronic stable angina, *Circulation* 1985: 72 (Suppl. V): 123-135

- ⁹³ Di Carli, MF; Asgarzadie, F; Schelbert, HR; Brunken, RC; Laks, H; Phelps, ME; Maddahi, J: Quantitative relation between myocardial viability and improvement in heart failure symptoms after revascularization in patients with ischemic cardiomyopathy, *Circulation* 1995: 92: 3436-3444
- ⁹⁴ Pasquet, A; Robert, A; D'Hondt, AM; Dion, R; Melin, JA; Vanoverschelde, JL : Prognostic value of myocardial ischemia and viability in patients with chronic left ventricular ischemic dysfunction, *Circulation* 1999: 100: 141-148
- ⁹⁵ Haas, J; Leder, U; Heinke, M; Nowak, H; Kühnert, H; Figulla, HR: Vergleich magnetokardiographischer Spätfelder mit elektrokardiographischen Spätpotentialen bei Postinfarktpatienten, *Z Kardiol* 1999: 88: 566-573
- ⁹⁶ Brockmeier, K; Schmitz, L; Bobadilla Chavez, JD; Burghoff, M; Koch, H; Zimmermann, R; Trahms, L: Magnetocardiography and 32-lead potential mapping: repolarization in normal subjects during pharmacologically induced stress, *J Cardiovasc Electrophysiol* 1997: 8: 615-626
- ⁹⁷ Koch, H; Haberkorn, W: Magnetic field mapping of cardiac electrophysiological function, *Phil Trans R Soc London* 2001: 359: 1287-1298
- ⁹⁸ Coma-Canella, I; del Val Gomez, M; Terol, I; Rodrigo, F; Castro, JM: Radionuclide studies in patients with stress-induced ST-segment elevation after acute myocardial infarction, *Am Heart J* 1994: 128: 459-465
- ⁹⁹ Miykoda, H; Kato, M; Moguchi, N; Omodani, H; Osaki, S; Matsumoto, T; Kinugawa, T; Hoshio, A; Kotake, H; Mashiba, H: Exercise-induced ST-segment elevation – role of left ventricular wall motion abnormalities and coronary artery narrowing, *Jpn Circ J* 1995: 59: 725-735
- ¹⁰⁰ Elhendy, A; Geleijnse, ML; Roelandt, JR; van Domburg, RT; Cornel, JH; TenCate, FJ; Postma-Tjoa, J; Reijns, AE; el-Said, GM; Fioretti, PM: Evaluation by quantitative 99m-technetium MIBI SPECT and echocardiography of myocardial perfusion and wall motion abnormalities in patients with dobutamin-induced ST-segment elevation, *Am J Cardiol* 1995: 76: 441-448

- ¹⁰¹ Ricci, R; Bigi, R; Galati, A; Bandini, P; Coletta, C; Fiorentini, C; Lumia, F; Occhi, G; Ceci, V: Dobutamin-induced ST-segment elevation in patients with acute myocardial infarction and the role of myocardial ischemia, viability, and ventricular dyssynergy, *Am J Cardiol* 1997; 79: 733-737
- ¹⁰² Kranidis, A; Bouki, T; Kostopoulos, K; Anthopoulos, P; Kappos, K; Antonellis, J; Bonou, M; Sideris, A; Ralli, D; Tavernarakis, A; Kesse, M; Anthopoulos, L: Stress echocardiography using adenosine combined with nitroglycerin-dobutamine in detection of viable myocardium in patients with previous myocardial infarction, *Angiology* 1997; 48: 127-133
- ¹⁰³ Candell-Riera, J; Santana-Boado, C; Armadans-Gil, L; Blanch, P; Aguade, S; Castell, J; Vaque-Rafart, J; Soler-Soler, J: Comparison of patients with anterior wall healed myocardial infarction with and without exercise-induced ST-segment elevation, *Am J Cardiol* 1998; 81: 12-16
- ¹⁰⁴ Ho, YL; Lin, LC; Yen, RF; Wu, CC ; Chen, MF ; Huang, PJ : Significance of dobutamine-induced ST-segment elevation and T-wave pseudonormalization in patients with Q-wave myocardial infarction: simultaneous evaluation by dobutamine stress echocardiography and thallium-201 SPECT, *Am J Cardiol* 1999; 84: 125-129
- ¹⁰⁵ Bodi, V; Sanchis, J; Chorro, FJ; Berenguer, A; Navarro, A; Cabades, F; Escriche, P; Llacer, A: ST-segment elevation on Q-leads during exercise in patients with ST-segment elevation at rest after myocardial infarction, *Int J Cardiol* 2001; 78: 41-49
- ¹⁰⁶ Orsini, E; Lattanzi, F; Reisenhofer, B; Tartarini, G: Time-domain analysis of exercise-induced ST-segment elevation in Q-wave myocardial infarction: a useful tool for the screening of myocardial viability, *Ital Heart J* 2001; 2: 529-538
- ¹⁰⁷ Manrique, A; Koning, R; Hitzel, A; Cribier, A; Vera, P: Exercise-induced ST-elevation is related to left ventricular dysfunction but not to myocardial viability in patients with healed myocardial infarction, *Eur J Heart Fail* 2001; 3: 709-716
- ¹⁰⁸ Stiles, GL; Rosati, RA; Wallace, AG: Clinical relevance of exercise-induced S-T segment elevation, *Am J Cardiol* 1980; 46: 931-936

- ¹⁰⁹ Engel, TR; Caine, R; Kowey, PR; Finnegan, JO: ST segment elevation with ventricular aneurysm: results of encircling endocardial ventriculotomy, *J Electrocardiol* 1984: 17: 75-77
- ¹¹⁰ Bruce, RA; Fisher, LD; Pettinger, M; Weinert, DA; Chaitmann, BR: ST segment elevation with exercise: a marker for poor ventricular function and poor prognosis. Coronary Artery Surgery Study (CASS) confirmation of Seattle Heart Watch results, *Circulation* 1988: 77: 897-905
- ¹¹¹ Waters, DD; Chaitmann, BR; Bourassa, MG; Tubau, JF: Clinical and angiographic correlates of exercise-induced ST-segment elevation. Increased detection with multiple ECG leads, *Circulation* 1980: 61: 286-296
- ¹¹² Fuller, CM; Raizner, AE; Chahine, RA; Nahormek, P; Ishimori, T; Verani, M; Nitishin, A; Mokotoff, D; Luchi, RJ: Exercise-induced coronary arterial spasm: angiographic demonstration, documentation of ischemia by myocardial scintigraphy and results of pharmacologic intervention, *Am J Cardiol* 1980: 46:500-506
- ¹¹³ De Feyter, PJ; Majid, PA; van Eenige, MJ; Wardeh, R; Wempe, FN; Roos, JP: Clinical significance of exercise-induced ST segment elevation. Correlative angiographic study in patients with ischaemic heart disease, *Br Heart J* 1981: 46: 84-92
- ¹¹⁴ Weiner, DA; McCabe, C; Klein, MD; Ryan, TJ; ST segment changes post-infarction: predictive value for multivessel coronary disease and left ventricular aneurysm, *Circulation* 1978: 58: 887-891
- ¹¹⁵ Theroux, P; Waters, DD; Halphen, C; Debaisieux, JC; Mizgala, HF: Prognostic value of exercise testing soon after myocardial infarction, *N Engl J Med* 1979: 301: 341-345
- ¹¹⁶ Ventosa, A; Gil, V; Seabra-Gomes, R: [Diagnosis of ischemia and survival after myocardial infarction using perfusion scintigraphy with exercise thallium-201. Relationship with electrocardiographic and angiographic findings], *Rev Port Cardiol* 1995: 14: 123-135
- ¹¹⁷ Chahine, RA; Raizner, AE; Ishimori, T: The clinical significance of exercise-induced ST-segment elevation, *Circulation* 1976: 54: 209-213

- ¹¹⁸ Chahine, RA; Lowery, MH; Bauerlein, EJ: Interpretation of the exercise-induced ST-segment elevation, *Am J Cardiol* 1993; 72: 100-102
- ¹¹⁹ Neglia, D; Parodi, O; Marzullo, P; Sambuceti, G; Marcassa, C; Michelassi, C; L'Abbate, A: Behavior of right and left ventricles during episodes of variant angina in relation to the site of coronary vasospasm, *Circulation* 1990; 81: 567-577
- ¹²⁰ Dunn, RF; Bailey, IK; Uren, R; Kelly, DT: Exercise-induced ST-segment elevation. Correlation of thallium-201 myocardial perfusion scanning and coronary arteriography, *Circulation* 1980; 61: 989-995
- ¹²¹ Sriwattanakomen, S; Ticzon, AR; Zubritzky, SA; Blobner, CG, Rice, M; Duffy, FC; Lanna, EF: S-T segment elevation during exercise: electrocardiographic and arteriographic correlation in 38 patients, *Am J Cardiol* 1980; 45: 762-768
- ¹²² Yamamoto, T; Katori, R: Isoproterenol induces ST-segment elevation without wall motion aggravation and myocardial ischemia in experimental myocardial infarction, *J Cardiol* 1995; 26: 167-175
- ¹²³ Katori, R; Miyazaki, T; Ohno, M; Yamashita, K; Sakaguchi, Y; Takada, K; Inoki, T; Yamamoto, T; Shibutani, T: Exercise-induced ST-segment elevation and hemodynamic responses one month after myocardial infarction, *Jpn Circ J* 1994; 58: 757-766
- ¹²⁴ Katori, R; Yamashita, K; Miyazaki, T; Sakaguchi, Y; Inoki, T; Yamamoto, T; Shibutani, T: Beta-adrenergic stimulation induces ST-segment elevation in dogs with healing myocardial infarction, *Tohoku J Exp Med* 1995; 177: 233-248
- ¹²⁵ De Felice, F; Gostoli, E; Russo, M; Bonzano, A; Recanzone, P; Moretti, C; Pinneri, F; Borello, G: Significance of T-wave changes during early dobutamine stress echocardiography in patients with Q-wave acute myocardial infarction, *Am J Cardiol* 1999; 84: 535-539
- ¹²⁶ Isobe, S; Okada, M; Ando, A; Nanasato, M; Nonokawa, M; Izawa, H; Kondo, T; Hirai, M; Yokota, M; Tanahashi, Y; Saito, H: Clinical significance of changes in electrocardiographic R-wave voltage on chest leads in patients with acute anterior myocardial infarction, *J Electrocardiol* 2002; 35: 173-180

- ¹²⁷ Bickel, C: Erwartungen des Kardiologen an die SPECT-Untersuchung des Herzens, in: Wieler, HJ (Hrsg.): Single-Photon-Emissions-Computertomographie (SPECT) des Herzens, Springer-Verlag, Berlin, Heidelberg 1997, S. 121-130
- ¹²⁸ Gao, WC; Liu, Y; Marban, E: Selective effects of oxygen free radicals on excitation-contraction coupling in ventricular muscle: Implications for the mechanism of stunned myocardium, *Circulation* 1996; 94: 2597-2604
- ¹²⁹ Finkel, MS; Oddis, C; Hattler, B; Simmons, R: Myocardial ischemia, stunning and hibernation: blood flow, metabolism and pathophysiology mechanism, in: Iskandrian, AS; van der Wall, EE (Hrsg.): Myocardial viability Detection and clinical relevance, Kluwer Academic Publishing, The Netherlands 1994, S. 5-18
- ¹³⁰ Völler, H; Nixdorff, U; Flachskampf, FA: Myokardialer Vitalitätsnachweis mit der Dobutamin-Echokardiographie: Aktuelle Übersicht, *Z Kardiol* 2000; 89: 921-931
- ¹³¹ Tillisch, J; Brunken, R; Marshall, R; Schwaiger, M; Mandelkern, M; Phelps, M; Schelbert, HR: Reversibility of cardiac wall-motion abnormalities predicted by positron tomography, *N Engl J Med* 1986; 314: 884-888
- ¹³² Schwaiger, M; Pirich, C: Positronen-Emissions-Tomographie, *Z Kardiol* 2000;89 (Suppl.I) I/59-I/66
- ¹³³ Serruys, PW; Foley, DP; Kirkeeide, RL; King, SB 3rd: Restenosis revisited: insights provided by quantitative coronary angiography, *Am Heart J* 1993; 126: 1243-1267
- ¹³⁴ Ellis, SG; Shaw, RE; Gershony, G; Thomas, R; Roubin, GS; Douglas, JS; Topol, EJ; Stertz, SH; Myler, RK; King, SB: Risk factors, time course and treatment effect for restenosis after successful percutaneous transluminal coronary angioplasty of chronic total occlusion. *Am J Cardiol* 1989; 63: 897-901
- ¹³⁵ Serruys, PW; Umans, V; Heyndrickx, GR; Brand, MVD; de Feyter, PJ; Wijns, W; Jaski, B; Hugenholtz, PG: Elective PTCA of totally occluded coronary arteries not associated with acute myocardial infarction: short-term and long-term results. *Eur Heart J* 1985; 6: 2 - 12

- ¹³⁶ Salvioni, A; Galli, S; Marenzi, G; Lauri, G; Perego, GB; Assanelli, E; Guazzi, MD: Thrombin activation and late restenosis after percutaneous transluminal coronary angioplasty, *Am Heart J* 1998; 135: 503-509
- ¹³⁷ Sick, P; Grieshammer, S; Schuler, G: Restenoserate nach koronarer Stentimplantation in Abhängigkeit von der regionalen linksventrikulären Funktion, *Z Kardiol* 2001; 90: 745-750
- ¹³⁸ Drechsel, S; Bertel, O; Lafont, A: Mechanisms and prevention of restenosis after coronary angioplasty, *Schweiz Med Wochenschr* 1998; 128: 497-507