

7. Literatur

1. Abramowitz, M. und Stegun, I.A. (1972)
Abramowitz M and Stegun I A (Eds.). Handbook of Mathematical Functions with Formulas, Graphs, and Mathematical Tables, 9th printing. New York: Dover Pubns, 1974
2. Adam, N et al. (1986)
Adam N, Becker D, Dummler W et al. Validität labordiagnostischer Tests II. Z. med. Lab. Diagn. 27 (1986) 347-352
3. Adams HP et al. (1994)
Adams HP, Brott TG, Crowell RM et al.: Guidelines for the Management of Patients With Acute Ischemic Stroke . A Statement for Healthcare Professionals From a Special Writing Group Of the stroke Council. American Heart Association. Circulation 1994 Feb;90(3):1588-1601
4. Adams HP et al. (2003)
Adams HP, Adams R, Brott T et al. Guidelines for the early Management of Patients with Ischemic Stroke. Stroke 2003;34:1056-1083
5. Amarenco P (2005)
Amarenco P. Cryptogenic Stroke, Aortic Arch Atheroma, Patent Foramen ovale, and the Risk of Stroke. Cerebrovasc Dis 2005; 20 (suppl. 2): 68-74
6. Amarenco P et al. (1992)
Amarenco P, Cohen A, Baudrimont M et al. Transesophageal echocardiographic detection of aortic arch disease in patients with cerebral infarction. Stroke 1992 Jul;23(7):1005-1009
7. Amarenco P et al. (1994)
Amarenco P, Cohen A, Tzourio C et al. Atherosclerotic disease of the aortic arch and the risk of ischemic stroke. N Eng J Med 1994 Dec 1;331(22):1474-1479
8. Bacher, J (1996)
Bacher J. Clusteranalyse. Anwendungsorientierte Einführung. 2. Auflage. München/Wien 1996
9. Backhaus, K et al. (1996)
Backhaus K, Erichson B, Plinke W et al.: Multivariate Analysemethoden, Springer Lehrbuch, 8. Auflage, 1996
10. Becker EI et al. (2001)
Becker EI, Jung A, Voller H et al. Cardiogenic embolism as the main cause of ischemic stroke in a city hospital: an interdisciplinary study. Vasa 2001 Feb;30(1):43-52
11. Benjamin EJ et al. (1992)
Benjamin EJ, Plehn JF, D'Agostino et al. Mitral annular calcification and the risk of stroke in an elderly cohort. N Eng J Med 1992;327(24):374-9
12. Blackshear JL and Brott TG (1999)
Blackshear JL, Brott TG: Transesophageal echocardiography in source-of-embolism evaluation: the search for a better therapeutic rationale. Mayo Clin Proc 1999;74(9):941-5

13. Boddicker KA et al. 2005
Boddicker KA, Kerber RE. Does transesophageal echocardiographic demonstration of a patent foramen ovale in patients with a recent cerebral ischemic event change anticoagulation therapy?
J Am Soc Echocardiogr. 2005 Apr;18(4):357-61
14. Böhmeke, T (2001)
Böhmeke, T : Checkliste Echokardiographie. Reihe Checklisten der aktuellen Medizin. 3. Aufl. 2001. VIII, Georg Thieme Verlag; Stuttgart, New York
15. Bove T et al. (2005)
Bove T, Francois K, De GrootemK et al.: Closure of atrial septal defects: is there still a place for surgery? Acta Chir Belg. 2005 Spt-Oct,105(5):497-503
16. Braunwald E (1997)
Braunwald E. Heart Disease. A Textbook of cardiovascular Medicine. 5th Edition 1997. W.B. Saunders Company, Philadelphia Pennsylvania
17. Brown RD jr. et al. (1995)
Brown RD Jr, Khandheria BK, Edwards WD. Cardiac papillary fibroelastoma: a treatable cause of transient ischemic attack and ischemic stroke detected by transesophageal echocardiography. Mayo Clin Proc 1995 Sep;70(9):863-8
18. Burghardt D und Horstkotte D (1998)
Burghardt D, Horstkotte D. Thromboemboliehäufigkeit nach Klappenersatz: Beeinflussende Faktoren. Z Kardiol 1998;87:33-6
19. Burkhard-Meier C et al. (2002)
Burkhard-Meier C, Vrivaro M, Baer FM. Transösophageale Echokardiographie zur Erfassung kardialer Emboliequellen. Med Welt Januar 2002; 53:5-9
20. Busse O (2002)
Busse O in: Hamann GF, Siebler M, von Scheidt W. Schlaganfall. Klinik , Diagnostik, Therapie, Interdisziplinäres Handbuch, Hamann, Siebler, von Scheidt, S 21-24, 2002 ecomed: verlagsgesellschaft
21. Cabanes L A et al. (1993)
Cabanes L, Mas JL, Cohen A et al. Atrial septal aneurysm and patent foramen ovale as risk factors of cryptogenic stroke in patients less than 55 years of age. A study using transesophageal echocardiography. Stroke1993 Dec;24(12):1865-73
22. Catapano O et al. (1992)
Catapano O, Oldani A, Milandri M et al. Evaluation of atrial septal aneurysm with transesophageal echocardiography in cardioembolic cerebral ischemia. Cardiologia 1992 Dec;37(12)859-64
23. Cheitlin et al. 2003
Cheitlin MD, Armstrong WF, Aurigemma GP et al. Neurological disease and other cardioembolic disease. ACC/AHA/ASE 2003 guideline update for the clinical application of echocardiography.
Circulation (United States), Sep 2 2003;108(9):1146-62
24. Clauß.G und H. Ebner (1974)
Clauß G, Ebner H. Grundlagen der Statistik; Volk und Wissen, Volkseigener Verlag Berlin, 1974
25. Cohen A et al. (1977)
Cohen A, Tzourio C, Chauvel C et al. Mitral valve strands and the risk of ischemic stroke in elderly patients. The French Study of Aortic Plaques in Stroke (FAPS) Investigators. Stroke 1997 Aug;28(8):1574-1578

26. Cujec B, Mainra R und Johnson DH (1999)
Cujec B, Mainra R, Johnson DH. Prevention of recurrent cerebral ischemic events in patients with patent foramen ovale and cryptogenic strokes or transient ischemic attacks. *Can J Cardiol* 1999 Jan;15(1):57-64
27. Culebras A et al. (1997)
Culebras A, Kase CS, Masdeu JC et al.: Practice Guidelines for the Use of Imaging in Transient Ischemic Attacks and Akute Stroke. *Stroke* 1997;28:1480-1497
28. Daniel WG et al. (1988)
Daniel WG, Nellesen U, Schroder E et al. Left atrial spontaneous echo contrast in mitral valve disease: an indicator for an increased thromboembolic risk. *J Am Coll Cardiol* 1988 Jun;11(6):1204-1211
29. DeCastro S et al. (1994)
DeCastro S, Rasura M, Cartoni D et al. Transesophageal echocardiography in patients with ischemic stroke with and without clinical evidence of stroke. *Cardiologia* 1994;39(7):463-471
30. Dißmann R und Völler H (2001)
Dißmann R und Völler H: Echokardiographie bei Patienten mit zerebraler Ischämie. *Deutsches Ärzteblatt* 2001; 16: A154-158
31. Dyken ML et al. (1977)
Dyken ML, Conneally M, Haerer AF et al.: Cooperative Study of hospital frequency and character of transient ischemic attacks. Background, organization and clinical survey. *JAMA* 1977;237:882-886
32. Easton JD (1997)
Easton JD: Epidemiology of stroke recurrence. *Cerebr vasc dis* 1997, 7(supplement):2-4
33. Erdmann E (2000)
Erdmann E (Hrsg.): *Klinische Kardiologie*. 5.Auflage 2000. Springer Verlag Berlin-Heidelberg-New York
34. Fahrmeir, L und A Hamerle (1984)
Fahrmeir L, Hamerle A (Hrsg.). *Multivariate statistische Verfahren*; Walter de Gruyter Berlin New York 1984
35. Feigenbaum H et al. (2005)
Feigenbaum H, Amstrong W F, Ryan T. *Feigenbaum´s Echocardiography*. Sixth Edition. Lippincott Williams and Wilkins, Philadelphia, 2005
36. Feinberg WM et al. (1994)
Feinberg WM, Albers GW, Barnett HJM et al.: Guidelines for the Management of Transient Ischemic Attacks. From the Ad Hoc Committee on Guidelines for the Management of Transient Ischemic Attacks of the Stroke Council of the American Heart Association. *Stroke* 1994;25(6):1320-1335.
37. Frazin L et al.(1976)
Frazin L, Talano JV, Stephanides L et al.: Esophageal echocardiography. *Circulation*.1976 Jul;54(1):102-8
38. Freed LA et al. (1999)
Freed LA, Levy D, Levine RA et al. Prevalence and clinical outcome of mitral-valve prolapse. *N Eng J Med* 1999 Jul 1;341(1):1-7

39. Freedberg RS et al. (1995)
Freedberg RS, Goodkin GM, Perez JL et al. Valve strands are strongly associated with systemic embolisation: a transesophageal echocardiographic D56study. *J Am Coll Cardiol* 1995 Dec;26(7):1709-12
40. Freitag DE (1974)
Freitag DE: Improving Cluster Techniques. In: ESOMAR Congress, Hamburg, 1.-5. 9. 1974, The Challenges Facing Marketing Research: How do we meet them? Special Groups, S. 565-583
41. Fuster V et al. 2001
Fuster V, Ryden LE, Asinger RW et al.. ACC/AHA/ESC Guidelines for the Management of Patients with atrial fibrillation. *JACC* October 2001;38(4) :1266i-1xx.
42. Gilon D et al. (1999)
Gilon D, Buonanno FS, Joffe MM et al. Lack of evidence of an association between mitral-valve prolapse and stroke in young patients. *N Eng J Med* 1999 Jul 1;341(1):48-50
43. Goldmann ME et al. (1999)
Goldmann ME, Pearce LA, Hart RG et al. Pathophysiologic correlation of thromboembolism in nonvalvular atrial fibrillation: Reduced flow velocity in the left atrial appendage (The Stroke Prevention in Atrial Fibrillation (SPAF-III) study). *J Am Soc Echocardiogr* 1999;12:1080-1087
44. Gott VL et al. (1995)
Gott VL, Gillinov AM, Pyeritz et al.: aortic root replacement: Risk factor analysis of a seventeen -Year experience with 270 patients. *J Thorac Cardiovasc Surg* 1995;109(3):536-544
45. Guo Y et al. (1997)
Guo Y, Rosengart A, Mitasch R et al. Aortic plaque as a potential cause for cerebral ischemia. *J Tongji Med Univ* 1997;17(3):177-81
46. Hagen PT et al. (1984)
Hagen PT, Scholz DG, Edwards WD. Incidence and size of patent foramen ovale during the first 10 decades of life:an autopsy study of 965 normal hearts. *Mayo Clin Proc.* 1984;59(1):17-20
47. Hara H et al. (2005)
Hara H, Virmani R, Ladich E et al. Patent Foramen Ovale: Current Pathology, Pathophysiology, and Clinical Status. *JACC* Vol. 46, No.9, 2005 November 1, 2005:1768-76
48. Hart RG (1992)
Hart RG. Cadogenic embolism to the brain. *Lancet.* 1992;339:589-594
49. Hartmann A und Heiss WD (2001)
Hartmann A und Heiss WD (Hrsg.): Der Schlaganfall. Pathogenese, Klinik, Diagnostik und Therapie akuter zerebrovaskulärer Erkrankungen. Steinkopf Verlag Darmstadt 2001
50. Hausmann D und Meyer GP (2000)
Hausmann D, Meyer GP, Völler H, Flachskamp FA. Kardiogene Embolie. In: Angewandte Echokardiographie. Neue und etablierte Verfahren. Hrsg. Völler H, Flachskampf FA. Steinkopff Verlag Darmstadt 2000
51. Hoffmann R et al. (2004)
Hoffmann R, Buck T, Lambertz H et al. Positionspapier zu Qualitätsstandards in der Echokardiographie. *Z Kardiol* 2004;93:975-986

52. Hoffmann T und Meinertz T (1993)
Hoffmann T, Meinertz T. Transesophageal echocardiography in patients with systemic arterial embolism. *Herz* 1993 Oct;18(5):301-17
53. Hust, MH (2000)
Hust, MH: Transösophageale Echo- und Doppler-Echokardiographie; 2000. ecomed verlagsgesellschaft Landsberg
54. Hwang JJ et al. (1994)
Hwang JJ, Kuan P, Chen JJ et al. Significance of left atrial spontaneous contrast in rheumatic mitral valve disease as a predictor of systemic arterial embolisation: a transesophageal echocardiographic study. *Am Heart J* 1994 Apr;127:880-5
55. Irrgang. B et al. (1986)
Irrgang B, Adam N, Becker D et al. Validität labordiagnostischer Tests I. *Z. med. Lab. Diagn.* 27 (1986) 278-285
56. Kalmia Inc (1998)
Kalmia Inc.: WinStat, Das Statistic Programm, Programm Version 3.5; ISBN 3-540-14684-9,; Springer, Berlin-Heidelberg-New York; 1998
57. Kannel WB et al. (1982)
Kannel WB, Abbot RD, Savage DD et al. Epidemiologic features of chronic atrial fibrillation: The Framingham study. *N Engl J Med* 1982 Apr 29;306(17):1018-22
58. Kessler C et al. (1996)
Kessler C, Mitusch R, Guo Y et al. Embolism from the Aortic arch in patients with cerebral ischemia. *Thromb Res* 1996 Nov 1;84(3);145-55
59. Kizer JR und Devereux R (2005)
Kizer JR and Devereux R. Patent Foramen Ovale in Young Adults with Unexplained Stroke. *N Engl J Med* 2005;353:2361-2372
60. Knebel F et al. 2004
Knebel F, Glied V, Walde T, Panda A, Sanad W, Eddicks S, Baumann G, Borges AC et al.: Percutaneous closure of interatrial communications in adults-prospective embolism prevention study with two- and three-dimensional echocardiography. *Cardiovascular Ultrasound* 2004, 2:5
61. Köhler, E und Tataru, MC (2001)
Köhler E und Tataru M-C: Klinische Echokardiographie, Lehrbuch und Video-Atlas. 5. Aufl. 2001, ENKE im Georg Thieme Verlag; Stuttgart, New York
62. Lambertz H und Lethen H (2000)
Lambertz H, Lethen H. Transösophageale Echokardiographie. Lehratlas zur Untersuchungstechnik und sicheren Befundinterpretation. Georg Thieme Verlag, Stuttgart, New York 2000
63. Lethen H et al. (1997)
Lethen H, Flachskampf FA, Schneider R et al. Frequency of deep vein thrombosis in patients with patent foramen ovale and ischemic stroke or transient ischemic attack. *Am J Cardiol* 1997 Oct15;80(8):1066-9
64. Leung DY et al. (1995)
Leung DY, Black IW, Cranney GB et al.: Selection of Patients for transesophageal echocardiography after stroke and systemic embolic events. Role of transthoracic echocardiography. *Stroke* 1995;26(10):1820-4
65. Li YH et al. (1994)
Li YH, Lai LP, Shyu Kg et al. Clinical implications of left atrial appendage function: its influence on thrombus formation. *Int J Cardiol* 1994 Jan; 43(1):61-6

66. Lindgren A et al. (1994)
Lindgren A, Roijer A, Norving B et al. Carotid artery and heart disease in subtypes of cerebral infarction. *Stroke* 1994 Dec;25(12):2356-2362
67. Lindner A et al. (2001)
Lindner A, Panzner B, Werdan K, Zierz S. Zerebrale Ischämische Insulte. *Internist* 2001;42:966-980
68. Manning WJ (1997)
Manning WJ. Role of transesophageal echocardiography in the management of thromboembolic stroke. *Am J Cardiol* 1997 Aug 28;80(4C):19D-28D
69. Mas JL (1994)
Mas JL. Patent foramen ovale, atrial septal aneurysm and ischemic stroke in young adults. *Eur Heart J* 1994;15:446-449
70. Mas JL et al. (2001)
Mas JL, Arquizan C, Lamy C et al. Recurrent cerebrovascular events associated with patent foramen ovale, atrial septal aneurysm or both. *N Eng J Med*. 2001;345(24):1740-1746
71. MathSoft Inc. (1996)
MathSoft Inc.: MathCad Plus, Version 6 und MathCad Benutzerhandbuch (deutsch) ISBN 3-8266-0237-4,; Thompson Publishing, Cambridge (USA); 1996
72. McNamara RL et al. (1997)
McNamara RL, Lima JA, Whelton PK, Powe NR. Echocardiographic identification of cardiovascular sources of emboli to guide clinical management of stroke: a cost-effectiveness analysis. *Ann intern Med*. 1997 Nov 1; 127(9):775-87
73. Meissner I et al. (1999)
Meissner I, Whisnant JP, Kandheria BK et al: Prevalence of potential risk factors for stroke assessed by transesophageal echocardiography and carotid ultrasonography: the SPARC study. *Stroke prevention: Assessment of Risk in a community*. *Mayo Clin Proc* 1999;74(9):941-5
74. Meissner I et al. (2006)
Meissner I, Kandheria BK, Heit JA et al: Patent Foramen Ovale: Innocent or Guilty? *JACC Vol.47, No.2, 2006 January 17,2006*
75. Menugistics Inc. (1993)
Menugistics Inc.: Statgraphics ® Plus, Version 6 (Statistical Program); 2115 Jefferson Street, Rockville, Maryland 20825, USA
76. Messé S.R et al. (2004)
Messé S.R., Silverman I.E., Kizer J.R. et al. Practice Parameter: Recurrent stroke with patent foramen ovale and atrial septal aneurysm. *Neurology* 2004; 62:1042-50
77. Miyazaki S et al. (2005)
Miyazaki S, Hirai T, Hosokawa N et al. Impending paradoxical embolism in a patient with atrial septal aneurysm. *Circ J* 2005;69:246-248
78. Muggé A et al. (1989)
Muggé A, Danniell WG, Frank G, Lichtlen PR. Echocardiography in infective endocarditis: reassessment of prognostic implications of vegetation size determined by the transthoracic and transesophageal approach. *J Am Coll Cardiol* 1989 Sep;14(3):631-8

79. Mugge A et al. (1995)
Mugge A, Daniel WG, Angermann C et al. Atrial septal aneurysm in adult patients. A multicenter study using transthoracic and transesophageal echocardiography. *Circulation* 1995;91(11):2785-92
80. Neymeyer, J. (2007)
Neymeyer J.: Programme zur mathematisch-statistischen Dateninterpretation (SQLap-Programme); in Vorbereitung 2007
81. Nighoghossian N et al. (1998)
Nighoghossian N, Derex L, Perinetti M et al. Course of valvular strands in patients with stroke: cooperative study with transesophageal echocardiography. *Am Heart J* 1998 Dec;136(6):1065-1069
82. O'Brien PJ et al. (1998)
O'Brien PJ, Thiemann DR, McNamarra RL et al.: Usefulness of transesophageal echocardiographie in predicting mortality and morbidity in stroke Patients without clinically known cardiac sources of embolus. *Am J Cardiol* 1998;81:1144-1151
83. Overell JR et al. (2000)
Overell JR, Bone I, Lees KR. Interatrial septal abnormalities and stroke: a metaanalysis of case-control studies. *Neurology* 2000 Oct 24;55(8):1172-1179
84. Pearson AC et al. (1991)
Pearson AC, Nagelhout D, Costello R et al. Atrial septal aneurysm and stroke: a transesophageal echocardiographic study. *J Am Coll Cardiol* 1991 Nov 1;18(5):1223-9
85. Pearson AC, Labovitz AJ et al. (1991)
Pearson AC, Labovitz AJ, Tatiene S et al. Superiority of transesophageal echocardiography in detecting cardiac sources of embolism in patients with cerebral ischemia of uncertain etiology. *J Am Coll Cardiol* 1991 Jan;17(1):66-72
86. Pflieger S et al. (2003)
Pflieger S, Franz Metzger M, Haase KK (Hrsg); Kompendium Echokardiographie, Leitfaden zur Aus-, Fort- und Weiterbildung; 2003. Wissenschaftliche Verlagsgesellschaft
87. Piper C und Horstkotte D (1998)
Piper C, Horstkotte D. Intracardiac thrombosis and consecutive thromboembolism in patients with heart valve disease: predisposition and concepts for prevention. *Z Kardiol* 1998;87 Suppl 4:1-6
88. Qualitätsleitlinien in der Echokardiographie (1997)
Qualitätsleitlinien in der Echokardiographie, herausgegeben vom Vorstand der Deutschen Gesellschaft für Kardiologie, Herz- und Kreislaufforschung, bearbeitet im Auftrag der Kommission für Klinische Kardiologie von R. Erbel, Essen, G. D. Kneissl, Leipzig, P. Schweizer, Bergisch-Gladbach, H. J. Lambertz, Wiesbaden, R. Engberding, Wolfsburg.; *Z Kardiol* 1997; 86: 387-403 (1997)
89. Quinones M et al. (2003)
Quinones M, Douglas P, Foster E et al. American College of Cardiology/American Heart Association Clinical Competence Statement on Echocardiography. *Circulation* 2003;107:1068-1089
90. Rabinstein A et al. (2005)
Rabinstein A, Giovanelli C, Ricci M et al. Surgical treatment of nonbacterial endocarditis presenting with stroke. *J Neurol* (2005) 252: 352-355

91. Ranoux D et al. (1993)
Ranoux D, Cohen A, Cabanes L et al. Patent foramen ovale: is stroke due to paradoxical embolism. *Stroke* 1993 Jan;24(1):31-4
92. Rauh G et al. (1996)
Rauh G, Fischereder M, Spengel FA : Transesophageal echocardiography in patients with focal cerebral ischemia of unknown cause. *Stroke* 1996 ; 27:691-694
93. Roberts JK et al. (1997)
Roberts JK, Omarali I, Di Tullio MR et al. Valvular strands and cerebral ischemia. Effect of demographics and strand characteristics. *Stroke* 1997 Nov;28(11):2185-8
94. Roijer A et al. (1996)
Roijer A, Ligren A, Rudling O et al. Potential cardioembolic sources in an elderly population without stroke. *Eur Heart J* 1996; 17:1103-11
95. Sacco RL, Adams R, Albers G et al. (2006)
Sacco RL, Adams R, Albers G et al. Guidelines for Prevention of Stroke in Patients With Ischemic Stroke or Transient Ischemic Attack. *Circulation* 2006; 113:e 409-e449
96. Sachs, L (1992)
Sachs L. *Angewandte Statistik*; Springer-Verlag, 1992
97. Sanfilippo AJ et al. (1991)
Sanfilippo AJ, Picard MH, Newell JB et al. Echocardiographic assessment of patients with infectious endocarditis:prediction of risk for complications. *J Am Coll Cardiol* 1991 Nov;18(5):1191-9
98. Schmailzl KJG (1994)
Schmailzl KJG. *Kardiale Ultraschall Diagnostik, Handbuch und Atlas*. Blackwell Wissenschafts-Verlag GmbH Berlin 1994
99. Schneider B et al. (1995)
Schneider B, Hofmann T, Justen MH, Meinertz T. Chiari's network: normal anatomic variant or risk factor for arterial embolic events? *J Am Coll Cardiol* 1995 Jul;26(1):203-10
100. Schneiderman J et al. (2004)
Schneiderman J, Feinberg M, Schwammenthal E et al. Protruding aortic arch thrombus: Treatment with minimally invasive surgical approach. *J Vasc Surg* 2004; 40:1083-8
101. Serafini O et al. (2003)
Serafini O, Misuraca G, Greco F et al. Prevalence of structural abnormalities of the atrial septum and their assoziation with recebt ischemic stroke or transient ischemic attack: echocardiographic evaluation in18631 patients. *Ital Heart J Suppl* 2003 Jan, 4(1): 39-45
102. Silver MD und Dorsey JS (1978)
Silver MD, Dorsey JS. Aneurysms of the Septum primum in adults. *Arch Pathol Lab Med*. 1978;102(2):62-5
103. Steinhausen, D. und Langer, K. (1977)
Steinhausen D und Langer K: *Clusteranalyse, Einführung in Methoden und automatische Klassifikation*. Berlin/New York 1977

104. Stone DA et al. (1995)
Stone DA, Hawke MW, LaMonte M et al. Ulcerated atherosclerotic plaques in the thoracic aorta are associated with cryptogenic stroke: a multiplane transesophageal echocardiography study. *Am Heart J* 1995 Jul;130(1):105-8
105. Tice FD et al. (1996)
Tice FD, Slivka AP, Walz ET et al. Mitral valve strands in patients with focal cerebral ischemia. *Stroke* 1996 Jul;27(7):1183-6
106. Tunik PA und Kronzon I (1992)
Tunik PA, Kronzon I. The improved yield of transesophageal echocardiography over transthoracic echocardiography in patients with neurological events is largely due to the detection of aortic protruding atheromas. *Echocardiography* 1992 Sep;9(5):491-5
107. Tunik PA und Kronzon I (1993)
Tunik PA, Kronzon I. Protruding Atheromas in the thoracic aorta: a newly recognized source of cerebral and systemic embolisation. *Echocardiography* 1993 Jul;10(4):419-28
108. Vahedi K und Amarenco P (2000)
Vahedi K, Amarenco P. Cardiac causes of stroke. *Curr Treat Options Neurol* 2000 Jul;2(4):305-318
109. Voros S et al. (1999)
Voros S, Nanda NC, Thakur AC et al. Lambí's Excrescences (Valvular Strands). *Echocardiography* 1999 May;16(4):399-414
110. Wahl A et al. (2005)
Wahl A, Krums U, Meier B et al. Transcatheter Treatment of Atrial Septal Aneurysm Associated with Patent Foramen Ovale for Prevention of Recurrent Paradoxical Embolism in High-Risk Patients. *J Am Coll Cardiol* 2005; 45:377-80
111. Weber, E. (1982)
Weber E. *Grundriss der biologischen Statistik*; VEB Gustav Fischer, Jena, 1982
112. Weinstein L (1986)
Weinstein L. Life-threatening complications of infective endocarditis and their management. *Arch Intern Med* 1986 May;146(5):953-957
113. Windecker S et al. (2004)
Windecker S, Wahl A, Nedeltchev K et al. Comparison of Medical Treatment With Percutaneous Closure of Patent Foramen Ovale in Patients With Cryptogenic Stroke. *J Am Coll Cardiol* 2004;44:750-758
114. Wolfe CD et al. (1999)
Wolfe CD, Tilling K, Beech R et al. Variations in case fatality and dependency from stroke in western and central Europe. The European Biomed Study of Stroke Group. *Stroke* 1999;D1430:350-356
115. Wolfe PA et al. (1991)
Wolfe PA, Abbott RD, Kannel WB. Atrial fibrillation as an independent risk factor for Stroke: the Framingham study. *Stroke* 1991 Aug;22(8):983-988

8. Abkürzungen

Im Text benutzte Abkürzungen wurden beim ersten Gebrauch ausgeschrieben.

Kürzel	Terminus technicus
AK	Aortenklappe
Alpha	Irrtumswahrscheinlichkeit ("je kleiner, desto signifikanter")
ANOVA	Varianzanalyse
ASA, ASAneurysma	Variable: Atriumseptumaneurysma, Vorhofseptumaneurysma
ASD	Variable: Vorhofseptumdefekt, Atriumseptumdefekt, atrio-septaler Defekt
ASD I	Ostium-primum-Defekt
ASD II	Ostium-secundum-Defekt
χ^2	Chi-Quadrat-Statistik
Chiari	Variable: Chiari-Geflecht beziehungsweise -Netzwerk
CT	Computertomographie
DCMP	dilatative Kardiomyopathie
Dil-Li-VH	Variable: Dilatation des linken Vorhofes
EEG	Elektroenzephalographie
EKG	Elektrokardiogramm
F	F-Statistik
f, FG	Freiheitsgrad
FN	falsch negativ
FP	falsch positiv
FV-Li-Herzohr	Variable: Flussgeschwindigkeit im linken Herzohr
Herz-TU	Herz-Tumore
Herzklappen-Kunstprothese	Variable: Herzklappenersatz
Herzklappen-Vegetation	Variable: Herzklappenvegetation
ID	Identifikator; anonymisierender numerischer Alias
KV-AK-Sklerose	Variable: KlappenVitium Aortenklappe Sklerose
KV-AS	Variable: KlappenVitium AortenStenose
KV-MK-Ringverkalkung	Variable: KlappenVitium Mitralklappe: Ringverkalkung
KV-MKP	Variable: KlappenVitium Mitralklappe: Prolaps
KV-MS	Variable: KlappenVitium Mitralklappe: Stenose
KV-Strands-AK	Variable: KlappenVitium Strands Aortenklappe
KV-Strands-MK	Variable: KlappenVitium Strands Mitralklappe
LA	linker Vorhof
LV	linker Ventrikel
LV-Dilatation	Variable: Linksventrikuläre Dilatation
LVEjFr	Variable: Linksventrikuläre Ejektionsfraktion
IVS	Herzscheidewand (Interventrikularseptum)
MK	Mitralklappe
MKP	Mitralklappenprolaps
MRT	Magnetresonanztomographie
MW	Mittelwert

M-W	Variable: Geschlecht (männlich / weiblich)
P	Wahrscheinlichkeit, Probabilität
PFO, PForOvale	Variable: persistierendes Foramen ovale
PRIND	prolongiertes reversibles ischämisches neurologisches Defizit
r	Korrelationskoeffizient
RA	rechter Vorhof
RIND	reversibles ischämisches neurologisches Defizit
RN	richtig negativ
RP	Richtig positiv
RV	rechten Ventrikel
S-Kontrast-Li-VH	Variable: Spontankontrast im linken Vorhof
SR	Sinusrhythmus
T	t-Statistik
T-E-Li-Herzohr	Variable: Thromben im linken Herzohr
T-E-Li-Ventrikel	Variable: Thromben im linken Ventrikel
T-E-Li-VH	Variable: Thromben im linken Vorhof
TEE	transösophageale Echokardiographie
TIA	transitorische zerebrale Ischämie
TK	Tricuspidalklappe
TTE	transthorakale Echokardiographie
TVO	transiente visuelle Obscuration
VA-Aneurysma	Variable: Veränderungen der Aorta Aneurysma
VA-Plaques	Variable: Veränderungen der Aorta Plaques
VA-Thromben	Variable: Veränderungen der Aorta Thromben
Ver-der-Aorta	Variable: Veränderungen der Aorta
VHF	Vorhofflimmern