



Publikationen der Klinik für Kardiologie

1. *Eick O, Gerritss B, Schumacher B:*
Popping phenomena in temperature controlled radiofrequency ablation: When and why do they occur.
Pacing Clin Electrophysiol 2000; 2: 253-8
2. *Tebbenjohanns J, Schumacher B, Korte T, Niehaus M, Pfeiffer D, Bimodal RR:*
Interval Distribution in Chronic Atrial Fibrillation: Impact of Dual Atrioventricular Nodal Physiology on Long-Term Rate Control after Catheter Ablation of the Posterior Atrionodal Input.
J Cardiovasc Electrophysiol 2000; 11: 497-503
3. *Pfeiffer D, Neugebauer A, Tebbenjohanns J, Schumacher B, Niehaus M, Rother T, Lüderitz B:*
Radiofrequency ablation of atrioventricular nodal reentrant tachycardia: mechanisms and recurrence rate.
Z Kardiol 2000; 89: 103-9
4. *Schumacher B, Jung W, Lüderitz B:*
Theory and practical approaches in catheter ablation of atrial flutter.
Z Kardiol 2000; 3: 154-60
5. *Jung W, Wolpert C, Esmailzadeh B, Spehl S, Herwig S, Schumacher B, Lewalter T, Omran H, Schimpf R, Valhaus C, Welz A, Lüderitz B:*
Clinical Experience with implantable atrial and combined atrioventricular defibrillators.
J Interv Card Electrophysiol. 2000; 1: 185-95
6. *Schumacher B, Wolpert C, Lewalter T, Valhaus C, Jung W, Lüderitz B:*
Predictors of success in radiofrequency catheter ablation of atrial flutter.
J Interv Card Electrophysiol 2000; 1: 121-5
7. *Bänsch D, Böcker D, Brunn J, Weber M, Breithardt G, Block M:*
Clusters of ventricular tachycardias signify impaired survival in patients with idiopathic dilated cardiomyopathy and implantable cardioverter defibrillators.
J Am Coll Cardiol 2000; 36(2):566-573.
8. *Koller ML, Riccio ML and Gilmour RF, Jr:*
Effects of [K⁺]_o on electrical restitution and activation dynamics during ventricular fibrillation.
Am. J. Physiol. 279(6): H2665-H2772, 2000.
9. *Koller ML, Meesmann M:*
Die neurokardiogene konvulsive Synkope - Differentialdiagnose, Pathophysiologie und Therapie anhand eines Fallberichts.
Z Kardiol 89: 1032-1038, 2000.
10. *Meesmann M, Holbach B, Koller ML, Lingg V, Braun C, Kowallik P:*
Heart rate variability and nonlinear dynamics.
Herzschr Elektrophys 11:151-158, 2000.
11. *Brunn J, Böcker D, Weber M, Castrucci M, Gradaus R, Borggreffe M et al:*
Is there a need for routine testing of ICD defibrillation capacity?
Results from more than 1000 studies. Eur Heart J 2000; 21(2):162-169.





12. *Schoepf U, Helmberger T, Holzknacht N, Kang D, Aydemir S, Becker C, Mühling O, Knez A, Haberl R, Reiser M:*
Segmental and subsegmental pulmonary arteries: evaluation with electron-beam versus spiral CT.
Radiology 2000; 214: 433-9
13. *Schoepf U, Bruening R, Konschitzky H, Becker C, Knez A, Weber J, Mühling O, Herzog P, Huber A, Haberl R, Reiser M:*
Pulmonary Embolism: Comprehensive Diagnosis by Using Electron-Beam CT for Detection of Emboli and Assessment of Pulmonary Blood Flow.
Radiology 2000; 217: 693-700.
14. *Seethamraju R, Mühling O, Panse P, Wilke NM, Jerosch-Herold M:*
Stochastic Modeling for Magnetic Resonance Quantification of Myocardial Blood Flow.
Mathematical Modeling, Estimation and Imaging 2000; 4121: 140-147
15. *Wilke N, Zenovich A, Mühling O, Jerosch-Herold M:*
Revascularization Therapies - TMLR and Growth Factor-Induced Angiogenesis – Monitored with Cardiac MRI.
MAGMA 2000, 11:61-64
16. *Fröhner S, Wagner M, Schmitt R, Brunn J, Müller M, Coblenz G, Kerber S, Urbanski P:*
Beurteilung der Durchgängigkeit und der Anastomosen von aortokoronaren (ACB) und Mammaria-interna-Bypässen (AMB) mit Hilfe der Mehrzeilen-Spiral-CT.
Röntgenpraxis 2002; 54: 163-173
17. *Schmitt R, Fröhner S, Brunn J, Müller M, Fleischmann I, Christopoulos G: Visualisierung der Koronararterien in der CT-Angiographie mittels multiplanarer Volumenrekonstruktion (MPVR).*
Fortschr Röntgenstr 2002; 173: xxxx
18. *Schumacher B, Lüderitz B:*
Tachycardia-related cardiomyopathy in patients with atrial fibrillation.
Cardiac Electrophysiology Review 2001; 5: 169-70
19. *Hagendorff A, Kirchhoff S, Krüger O, Eckhardt D, Plum A, Schumacher B, Wolpert C:*
Elektrophysiologische Charakterisierung Connexin 40-defizienter Herzen – In vivo-Untersuchungen an Mäusen.
Z Kardiologie 2001; 90: 898-905
20. *Hagendorff A, Klemm E, Bangard M, Dettmers C, Wolpert C, Schumacher B, Biersack H.-J, Grünwald F, Lüderitz B, Pfeiffer D:*
Case report: regional cerebral hyperfusion induced by ventricular tachycardia – short-term hippocampal hypoperfusion and its potential relationship to selective neuronal damage.
J Interv Cardiac Electrophysiology 2001; 5: 435-41
21. *Süselbeck T, Latsch A, Siri H, Gonska B, Poerner T, Pflieger S, Schumacher B, Borggrefe M, Haase KK:*
Role of vessel size as a predictor for the occurrence of in-stent restenosis in patients with diabetes mellitus.
Am J Cardiol 2001; 88: 243-7
22. *Vahlhaus C, Sommer T, Lewalter T, Schimpf R, Schumacher B, Jung W, Lüderitz B:*
Interference with cardiac pacemakers by magnetic resonance imaging: are there irreversible changes at 0.5 Tesla?
Pacing Clin Electrophysiol. 2001; 24: 489-95.
23. *Haghi D, Schumacher B:*
Current management of symptomatic atrial fibrillation.
Am J Cardiovasc Drugs 2001; 1: 127–39
24. *Schmitt R, Fröhner S, Brunn J, Müller M, Coblenz G, Fellner F et al:*
[Multi-slice spiral CT of the coronary arteries: clear vascular imaging using standard software].
Röntgenpraxis 2001; 54(4):127-140.





25. *Gradaus R, Block M, Seidl K, Brunn J, Isgro F, Hammel D et al:*
Defibrillation efficacy comparing a subcutaneous array electrode versus an "active can" implantable cardioverter defibrillator and a subcutaneous array electrode in addition to an "active can" implantable cardioverter defibrillator: results from active can versus array trials I and II.
J Cardiovasc Electrophysiol 2001; 12(8):921-927
26. *Mühling O, Dickson M, Zenovich A, Huang Y, Wilson B, Wilson R, Anand I, Ravi Teja S, Jerosch-Herold M, Wilke N:*
Quantitative Magnetic Resonance First-Pass Perfusion Analysis: Inter- and Intraobserver Agreement.
Journal of Cardiovascular Magnetic Resonance 2001 3(3), 107-116
27. *Zenovich A, Mühling O, Panse PM, Jerosch-Herold M, Wilke N:*
Magnetic resonance first-pass perfusion imaging: overview and perspectives.
Rays. 2001; 26(1): 53-60.
28. *Poerner TC, Kralev S, Voelker W, Sueselbeck T, Latsch A, Pfleger S, Schumacher B, Borggrefe M, Haase KK:*
Natural history of small and medium-sized side branches after coronary stent implantation.
Am Heart J 2002; 143: 627-35
29. *Frohner S, Wagner M, Schmitt R, Brunn J, Muller M, Christopoulos G et al:*
[Multi-slice CT of aortocoronary venous bypasses and mammary artery bypasses: evaluation of bypasses and their anastomoses].
Röntgenpraxis 2002; 54(5):163-173.
30. *Tillmann HC, Schumacher B, Yasenyev O, Junker M, Christ M, Feuring M, Wehling M:*
Acute effects of aldosterone on intracardiac monophasic action potentials.
Int J Cardiol 2002; 84: 33-9
31. *Neuser H, Kerber S, Schumacher B:*
Fistulous communication between coronary sinus and left atrium.
Circulation 2002; 106: 137-8
32. *Plum A, Hallas, G, Magin T, Dombrowski F, Hagendorff A, Schumacher B, Wolpert C, Kim J, Lamers W H, Evert M, Meda P, Traub O, Willecke K:*
Unique and shared functions of different connexins in mice.
Curr Biol 2002; 10: 1083-91
33. *Schmitt R, Fröhner S, Brunn J, Müller M, Coblenz G, Fellner F, Christopoulos G, Kerber S:*
Mehrzeilen-Spiral-CT der Koronararterien: Übersichtliche Darstellung unter Verwendung einer Standard-Software, mittels Volume rendering, multiplaner Rekonstruktion und 3DOberflächendarstellung.
Röntgenpraxis 2002; 54: 127 – 140
34. *Watanabe M, Koller ML:*
Mathematical analysis of dynamics of cardiac memory and accommodation: theory and experiment.
Am J Physiol Heart Circ Physiol 282 (4): H1534-47, 2002.
35. *Frantz S, Lühns H, Allolio B, Koller ML:*
Rezidivierende hypertensive Krisen verbunden mit schwerer orthostatischer Hypotonie bei Baroreflex-Insuffizienz-Syndrom.
Z Kardiol 91: 946-950, 2002.
36. *Mühling O, Wang Y, Panse P, Jerosch-Herold M, Cayton M, Wann S, Mirhoseini M, Wilke N:*
Transmyocardial Laser Revascularization Preserves Regional Myocardial Perfusion: An MRI First Pass Perfusion Study.
Cardiovasc Res 2002, 57(1): 53-60





37. *Mühling O, Jerosch-Herold M, Wilke N:*
Quantifizierung der Myokardperfusion mit der Magnetresonanztomographie;
2002 Kap. 17, S. 135-144 in *Kardiovaskuläre Magnetresonanztomographie*, Springer Verlag publishers:
Nagel, Fleck, van Rossum
38. *Schumacher B, Neuser H:*
Elektrophysiologische Grundlagen der Hybrid-Therapie: Wie kommt es zur Konversion von Vorhofflimmern in Vorhofflattern?
Herzschr Elektrophys 2003; 14: 3-7
39. *Wolpert C, Jung W, Spehl S, Schimpf R, Omran H, Schumacher B, Esmailzadeh B, Tenzer D, Mehra R, Lüderitz B:*
Incidence an rate characteristics of atrial tachyarrhythm in patients with a dual chamber defibrillator.
Pacing Clin Electrophysiol 2003; 26: 1691–8
40. *Lewalter T, Yang A, Schwab JO, Schumacher B, Schrickel J, Bielik H, Lüderitz B:*
Hybridtherapie des Vorhofflimmerns – eine neue therapeutische Alternative?
Deutsches Ärzteblatt 2003; 36: 2309–15
41. *Gietzen F, Fröhner S, Brunn J, Schümmelfeder J, von Hoch F, Christopoulos G, Coblenz G, Schumacher B, Schmitt R, Kerber S:*
Magnetresonanztomographie in Differentialdiagnose, Therapieplanung und Therapiekontrolle bei Patienten mit Verdacht auf hypertrophische Kardiomyopathie.
Fortschr Röntgenstr 2003; 175: 1590-1591
42. *Veth V, Brunn J, Naser H, Fröhner S, Schmitt R, Schumacher B, Kerber S:*
Kardio-CT zur Primärdiagnostik der KHK bei Patienten mit atypischer Angina pectoris und kardiovaskulärem Risikoprofil.
Fortschr Röntgenstr 2003; 175: 1592-1593
43. *Wagner M, Fröhner S, Brunn J, Coblenz G, Cherevatyy O, Gietzen F, Schmitt R:*
Anomalien der Koronararterien: Erkennen und Charakterisierung mittels Mehrzeilen-Spiral- CT.
Fortschr Röntgenstr 2003; 175:1594
44. *Schmitt R, Fröhner S, Brunn J, Kerber S:*
Computertomographie der Herzkranzarterien als Kassenleistung?
*Management & Krankenhaus*2003; 2: 7
45. *Leber AW, Knez A, White CW, Becker A, von Ziegler F, Mühling O, Becker C, Reiser M, Steinbeck G, Boekstegers P*
Composition of coronary atherosclerotic plaques in patients with acute myocardial infarction and stable angina pectoris determined by contrast-enhanced multislice computed tomography.
Am J Cardiol. 2003, 91(6):714-8
46. *Mühling O, Wilke N, Panse P, Jerosch-Herold M, Wilson B, Wilson R, Miller LW:*
Reduced Myocardial Perfusion Reserve and Transmural Perfusion Gradient in Heart Transplant Arteriopathy assessed by Magnetic Resonance Imaging
Journal of the American College of Cardiology 2003 42(6) 1054-60.
47. *Mühling O, Jerosch-Herold M, Näbauer M, Wilke N:*
Assessment of Ischemic Heart Disease using Magnetic Resonance First-Pass Perfusion Imaging.
Herz 2003, 28(2): 82-89
48. *Wolpert C, Kuschyk J, Aramin N, Spehl S, Streitner F, Süsselbeck T, Schumacher B, Haase KK, Schimpf R, Borggrefe M:*
Incidence and electrophysiologic characteristics of spontaneous ventricular tachyarrhythmias in high risk coronary patients and prophylactic implantation of a defibrillator.
Heart 2004;90:667-71





49. *Kuettner A, Kopp AF, Schroeder S, Rieger T, Brunn J, Meisner C et al:*
Diagnostic accuracy of multidetector computed tomography coronary angiography in patients with angiographically proven coronary artery disease.
J Am Coll Cardiol 2004; 43(5):831-839.
50. *Schumacher B, Neuser H, Schneider M, Nentwich K, Kerber S:*
Katheterablation von Vorhofflimmern: Welche Patienten kommen in Frage?
Dtsch Med Wochenschr 2004; 129:814-9
51. *Koller ML, Maier SKG, Bauer WR, Schanzenbächer P:*
Postcardiac injury syndrome following radiofrequency ablation of atrial flutter.
Z Kardiol 93: 560-565, 2004
52. *Mühling O, Jerosch-Herold M, Panse P, Zenovich A, Wilson B, Wilson R, Wilke N:*
Regional Heterogeneity of Myocardial Perfusion in Healthy Human Myocardium: Assessment with Magnetic Resonance Perfusion Imaging.
Journal of Cardiovascular Magnetic Resonance 2004;6(2):499-507
53. *Wintersperger B, Nikolaou K, Mühling O, Huber A, Dietrich O, Nittka M, Kiefer B, Reiser MF, Schoenberg S:*
Erfassung der globalen Herzfunktion mit Real-time-trueFISP in einer Atemphase.
Radiologe 2004, 44:152-157
54. *Mühling O, Wang Y, Jerosch-Herold M, Cayton MM, Wann LS, Mirhoseini MM, Wilke NM:*
Improved myocardial function after transmural laser revascularization according to cine magnetic resonance in a porcine model.
J Thorac Cardiovasc Surg. 2004 Sep;128(3):391-5.
55. *Mühling O, Jerosch-Herold M, Wilke N:*
Quantitative Evaluation of Myocardial Perfusion with Magnetic Resonance Imaging.
2004 Ch. 20, S. 187-198 in Handbook of Cardiovascular Magnetic Resonance; Springer Verlag publishers: Nagel, Fleck, van Rossum
56. *Wolpert C, Kuschyk J, Aramin N, Spehl S, Streitner F, Süselbeck T, Schumacher B, Haase KK, Schimpf R, Borggrefe M:*
Incidence and electrophysiologic characteristics of spontaneous ventricular tachyarrhythmias in high risk coronary patients and prophylactic implantation of a defibrillator.
Heart 2004 Jun;30(6):667-71
57. *Gietzen FH, Schümmelfeder J, Neuser H, Brunn J, Schumacher B, Kerber S:*
Interventional Treatment in Hypertrophic Cardiomyopathy.
Herz 2005, 30:102-10
58. *Schumacher B, Gietzen FH, Neuser H, Schümmelfeder J, Schneider M, Kerber S, Schimpf R, Wolpert C, Borggrefe M:*
Electrophysiological Characteristics of Septal Hypertrophy in Patients With Hypertrophic Obstructive Cardiomyopathy and Moderate to Severe Symptoms.
Circ 2005 Oct 4; 112(14):2096-101
59. *Gietzen FH, Schümmelfeder J, Neuser H, Brunn J, Schumacher B, Kerber S:*
[Interventional treatment in hypertrophic cardiomyopathy].
Herz 2005; 30(2):102-110.
60. *Schmitt R, Froehner S, Brunn J, Wagner M, Brunner H, Cherevaty O et al:*
Congenital anomalies of the coronary arteries: imaging with contrast-enhanced, multidetector computed tomography.
Eur Radiol 2005; 15(6):1110-1121.





61. *Koller ML, Ritter O, Bauer WR:*
Grundlagen der Elektrophysiologie und Ablation Teil I.
Kardiologie Assistenz 1/2005: 18-22.
62. *Koller ML, Ritter O, Bauer WR:*
Grundlagen der Elektrophysiologie und Ablation - Teil II.
Kardiologie Assistenz 2/2005: 14-20.
63. *Koller ML, Maier SKG, Gelzer AR, Bauer WR, Meesmann M, Gilmour RF Jr:*
Altered dynamics of action potential restitution and alternans in humans with structural heart disease – implications for arrhythmogenesis.
Circulation 112(11): 1542-1548, 2005.
64. *Gelzer AR, Moïse NS, Koller ML:*
Defibrillation of German shepherds with inherited ventricular arrhythmias and sudden death.
J Vet Cardiology 7(2): 97-107, 2005.
65. *Mühling O, Panse P, Jerosch-Herold M, Wilson B, Wilson R, Wilke N, Miller L:*
Cardiac magnetic resonance perfusion imaging identifies transplant arteriopathy by a reduced endomyocardial resting perfusion.
J Heart Lung Transplant. 2005 Aug;24(8):1122-3.
66. *Mühling O, Huber A, Friedrich D, Näbauer M, Reiser M, Schönberg SO:*
Code blue in the MR suite - a drill to rescue a patients with cardiac arrest from the MR scanner.
Int J Cardiovasc Imaging. 2005 22: 1-5
67. *Mühling O, Jerosch-Herold M, Cyran C, Nabauer M:*
Magnetic Resonance Imaging in Coronary Artery Disease: Absolute Quantification of Myocardial Perfusion.
2005 The Cardiology 1 (1): 49-58
68. *Koller ML, Maier SKG, Gelzer AR, Bauer WR, Meesmann M, Gilmour RF Jr:*
Response to Yue.
Circulation, 113: 462, 2006.
69. *Ritter O, Koller ML, Fey B, Seidel B, Krein A, Langenfeld H, Bauer WR:*
Progression of heart failure in right univentricular pacing compared to biventricular pacing.
Int J Cardiol 110: 359-365, 2006.
70. *The ACTIVE Writing Group on behalf of the ACTIVE Investigators.*
Clopidogrel plus aspirin versus oral anticoagulation in the atrial fibrillation clopidogrel trial with irbesartan for the prevention of vascular events (ACTIVE W): a randomised controlled trial.
Lancet 367: 1903-1912, 2006.
71. *Mühling O, El-Nounou M, Schäfer C, Mühlbayer D, Tympner C, Behr J:*
52-jährige Patientin mit positivem Troponin, Eisenmangelanämie und bekannter Sarkoidose.
Der Internist 2006 47:1279-1283
72. *Jerosch-Herold M, Mühling O, Wilke N:*
MRI of Myocardial Perfusion.
Seminars in Ultrasound, CT and MRI. 2006 Feb 27(1): 2-10
73. *Jung W., Schumacher B:*
Risk stratification for sudden death: What role in the defibrillator era? Electrical therapies for the heart: a 50-year story projected into the future.
European Heart J Suppl (2007)





74. *Streitner F, Kuschyk J, Veltmann C, Brueckmann M, Streitner I, Brade J, Neumaier M, Bertsch T, Schumacher B, Borggreffe M, Wolpert C:*
Prosepective study of interleukin-6 and the risk of malignant ventricular tachyarrhythmia in ICD-recipients – A pilot study.
Cytokine. 2007 Oct;40 (1):30-4
75. *Neumann T, Vogt J, Schumacher B, Dorszewski A, Kuniss M, Neuser H, Kurzidim K, Berkowitsch K, Koller ML, Heintze J, Scholz U, Wetzel U, Schneider M, Horstkotte D, Hamm C, Pitschner H:*
Circumferential Pulmonary Vein Isolation With the Cryoballoon Technique. Results From a Prospective Three Center Study.
Circ 2007
76. *Cosedis Nielsen J, MD, PhD, Kottkamp H, MD, PdD, Zabel M, MD, Aliot E, MD, Kreutzer U, MD, Bauer A, MD, Schuchert A, MD, PhD, Neuser H, MD, Schumacher B, MD, PhD, Schmidinger H, MD, Stix G, MD, Clementy J, MD, Lazarus A, MD, Danilovic D, PhD, Hindricks G, MD, PhD:*
Automatic Home Monitoring of Implantable Cardioverter Defibrillators.
Europace 2007
77. *Jung W., Schumacher B:*
What is the role of risk stratification for sudden death in the defibrillator era?
European Heart J 2007, 9 (Suppl):159-165
78. *Mühling O, Huber A, Schmökel M, Behr J:*
Non-invasive diagnosis of an intramyocardial dissecting heamtoma of the left ventricular free wall by cardiac magnetic resonance.
Heart 2007 93:71
79. *Mühling O, Jerosch-Herold M, Cyran C, Huber A, Schoenberg S, Reiser M, Steinbeck G, Nabauer M:*
Assessment of Collateralized Myocardium with Cardiac Magnetic Resonance (CMR): Transmural Extent of Infarction but not Angiographic Collateral Determines Regional Function and Perfusion in Collateral- Dependent Myocardium.
Int J Cardiol 2007 120: 38-44
80. *Leuchte H, El Nounou M, Tuerpe J, Hartamnn B, Baumgartner R, Vogeser M, Mühling O, Behr J:*
NT-proBNP and renal insufficiency as predictors of mortality in pulmonary hypertension.
Chest 2007 131:402-9
81. *Huber A, Schweyer M, Bauner K, Theisen D, Rist C, Mühling O, Nabauer M, Schoenberg S, Reiser M:*
Magnetic resonance imaging for the assessment of myocardial perfusion: Value of varioussemiquantitative perfusion parameters.
Radiologe. 2007 47:319-24
82. *Bauner KU, Mühling O, Wintersperger B, Winnik E, Reiser MF, Huber A:*
Inversion Recovery Single-Shot TurboFLASH for Assessment of Myocardial Infarction at 3 Tesla.
Invest Radiol. 2007 Jun;42(6):361-371.
83. *Schneider M, Neuser H, Koller ML, Schumacher B:*
Automatic magnetic-guided electroanatomical mapping and remote-controlled ablation of atypical and typical atrial flutter.
Pace 2008,31:1355-7
84. *Schneider MA, Hoch FV, Neuser H, Brunn J, Koller ML, Gietzen F, Schamberger, Kerber S, Schumacher B:*
Magnetic-guided percutaneous coronary intervention enable by two-dimensional guidewire steering and three-dimensional virtual angiography: initial experiences in daily clinical practise.
J Interv Cardiol. 2008 Apr; 21(2):158-66





85. *Schneider M, von Hoch F, Neuser H, Brunn J, Koller ML, Gietzen F, Schamberger R, Kerber S, Schumacher B:*
Magnetic-guided percutaneous coronary intervention enabled by two-dimensional guidewire steering and three-dimensional virtual angiography.
J Intervent Cardiol 2008:1-9
86. *Klein B, Zahn R, Heer T, Hochadel T, Tebbe U, Darius H, Kerber S, Schumacher B, Grube E, Hauptmann E, Glunz HG, Senges J, Zeymer U:*
Trends im Einsatz von Drug-eluting Stents im klinischen Alltag in Deutschland.
Herz 2008,33:450-4
87. *Schneider MAE, Hoch FV, Neuser H, Brunn J, Koller ML, Gietzen F, Schamberger R, Kerber S, Schumacher B:*
Magnetic-guided percutaneous coronary intervention enabled by two-dimensional guidewire steering and three-dimensional virtual angiography: Initial experiences in daily clinical practice.
J Interv Cardiol Apr;21(2):158-66, 2008.
88. *Gelzer AR, Koller ML, Otani NF, Fox JJ, Enyeart MW, Hooker GJ, Riccio ML, Bartoli CR, Gilmour RF Jr:*
Dynamic mechanism for initiation of ventricular fibrillation in vivo.
Circulation 118(11): 1123-9, 2008.
89. *Koller ML:*
Restitution und Alternans des myokardialen Aktionspotentials bei Patienten mit und ohne strukturelle Herzerkrankung.
Spitzenforschung Herz-Kreislaufmedizin 86-91;2008.
90. *Zahn R, Gottwik M, Hochadel M, Senges J, Zeymer U, Vogt A, Meinertz T, Dietz R, Hauptmann KE, Grube E, Kerber S, Sechtem U:*
Registry of Percutaneous Coronary Interventions of the Arbeitsgemeinschaft Leitende Kardiologische Krankenhausärzte (ALKK). Volume-outcome relation for contemporary percutaneous coronary interventions (PCI) in daily clinical practice: is it limited to high-risk patients? Results from the Registry of Percutaneous Coronary Interventions of the Arbeitsgemeinschaft Leitende Kardiologische Krankenhausärzte (ALKK).
Heart. 2008 Mar;94(3):329-35. Epub 2007 Jul 30.
91. *Neumann T, Vogt J, Schumacher B, Dorszewski A, Kuniss M, Neuser H, Kurzidim K, Berkowitsch A, Koller ML, Heintze J, Scholz U, Wetzel U, Schneider MA, Horstkotte D, Hamm CW, Pitschner HF:*
Circumferential pulmonary vein isolation with the cryoballoon technique: results from a prospective 3-center study.
J Am Coll Cardiol Jul 22; 52(4):273-8, 2008
92. *Kastrati A, Neumann FJ, Mehilli J, Byrne RA, Iijima R, Büttner HJ, Khattab AA, Schulz S, Blankenship JC, Pache J, Minners J, Seyfarth M, Graf I, Skleding KA, Dirschinger J, Richardt G, Berger PB, Schömig A:*
ISAR-REACT 3 Trial Investigators. Bivalirudin versus unfractionated heparin during percutaneous coronary intervention.
N Engl J Med. 2008 Aug 14;359(7):688-96
93. *Brunner H, Fröhner S, Brunn J, Wagner M, Gietzen FH, Kerber S, Schmitt R:*
[Clinical value of dual source computerized tomography in primary diagnosis of coronary heart disease]
Röntgenpraxis. 2008;56(5):155-63. German.
94. *Schneider MA, Neuser H, Koller ML, Schumacher B:*
Automatic magnetic-guided electroanatomical mapping and remote-controlled ablation of atypical and typical atrial flutter.
Pacing Clin Electrophysiol. Oct;31(10):1355-7, 2008.





95. *Mühling O, Huber A, Cyran C, Schoenberg S, Reiser M, Steinbeck G, Nabauer M, Jerosch-Herold M:*
The delay of contrast arrival in Magnetic Resonance First-Pass Perfusion Imaging: A Novel Non-invasive Parameter detecting Collateral-dependent Myocardium.
Heart 2008 93:842-7
96. *Nielson JC, Kottkamp H, Zabel M, Aliot E, Kreutzer U, Bauer A, Schuchert A, Neuser H, Schumacher B, Schmidinger H, Stix G, Clémety J, Danilovic D, Hindricks G:*
Automatic home monitoring of implantable cardioverter defibrillators.
Europace. 2008 Jun; 10(6):729-35
97. *Jerosch-Herold M, Mühling O:*
Stress perfusion magnetic resonance imaging of the heart.
Top Magn Reson Imaging. 2008 Feb;19(1):33-42.
98. *Ayra A, Block M, Katzner J, Lewalter T, Mörtel H, Sack S, Schumacher B, Sogaard P, Taborsky M, Husser D, Hindricks G:*
IN-TIME investigators. Influence of Home Monitoring on the clinical status of heart failure patients: Design and rationale of the IN-TIME study.
Eur J Heart Fail. 2008 Nov; 10(11):1143-8
99. *Schumacher B, Spehl S, Langbein A, Schade A, Kerber S, Koller ML:*
Regelmäßige Tachykardien mit breitem Kammerkomplex – Differentialdiagnose mittels 12-Kanal-EKG-, Kurztitel: Tachykardien mit breitem Kammerkomplex.
Herzschrittmachertherapie + Elektrophysiologie, Band 20, Heft 1, April 2009
100. *Koller ML, Schumacher B:*
Cryoballoonablation of atrial fibrillation: bigger is better and simpler is better.
Eur Heart J; 30(6): 636-7, 2009
101. *Schumacher B, Spehl S, Langbein A, Schade A, Kerber S, Koller ML:*
Regelmäßige Tachykardien mit breitem QRS-Komplex. Differenzialdiagnose mittels 12-Kanal-EKG.
Herzschrittmacher ther Elektrophysiol. 20(1):5-13, 2009
102. *Zaruba MM, Wiggershauser T, Weckbach S, Gerbes A, Mühling O, Käab S:*
64-year old patient with tachycardia and signs of heart failure.
Der Internist 2009 50:489-492
103. *Mühling O, Schamberger R, Schumacher B, Kerber S:*
Successful thrombolysis of a mechanical aortic valve thrombosis.
Heart 2009 Aug;95(15):1272
104. *Weckbach S, Lyadova S, Waggerhauser T, Mühling O, Reiser M, Hoffmann R:*
Arterio-venous malformations of the liver in hereditary hemorrhagic telangiectasia (Rendu-Osler-Weber disease) causing right heart failure—Successful treatment with transarterial coil embolization.
Eur Radiol extra 2009, 70:e69-e73
105. *Bauner KU, Mühling O, Theisen D, Hayes C, Wintersperger BJ, Reiser MF, Huber AM:*
Assessment of Myocardial Viability with 3D MRI at 3 T.
AJR Am J Roentgenol. 2009 192:1645-50
106. *Kuck KH, M.D. Schaumann A, M.D., Eckardt, L, M.D., Willems S, M.D., Ventura R, M.D., Delactaz E, M.D., Pitschner HF, M.D., Kautzner J, M.D., Ph.D, Schumacher B, M.D. Hansen P, M.D on behalf of the VTACH study group:*
Catheter Ablation of Stable Ventricular Tachycardia in Patients with Coronary Heart Disease undergoing Defibrillator Implantation – The Ventricular Tachycardia Ablation in Coronary Heart Disease Study (VTACH): a prospective, randomized, multicenter trial.,
Lancet 2010 Jan 2;375(9708):31-40





107. *Schneider MA, Schade A, Koller ML, Schumacher B:*
Cryoballoon ablation of paroxysmal atrial fibrillation within the dilated coronary sinus in a case of persistent left superior vena cava.
Europace. 2009 Oct; 11(10):1387-9.
108. *Streitner F, Kuschyk J, Veltmann C, Ratay D, Schoene N, Streitner I, Brückmann M, Schumacher B, Borggreffe M, Wolpert C:*
Role of proinflammatory markers and NT-proBNP in patients with an implantable cardioverter-defibrillator and an electrical storm.
Cytokine 2009 Sept; 47(3):166-72
109. *Kotseva K, Wood D, De Backer G, De Bacquer D, Pyörälä K, Keil U:*
EUROASPIRE Study Group. Cardiovascular prevention guidelines in daily practice: a comparison of EUROASPIRE I, II, and III surveys in eight European countries.
Lancet. 2009 Mar 14;373(9667):929-40.
110. *Tebbe U, Hochadel M, Bramlage P, Kerber S, Hambrecht R, Grube E, Hauptmann KE, Gottwik M, Elsässer A, Glunz HG, Bonzel T, Carlsson J, Zeymer U, Zahn R, Senges J:*
In-hospital outcomes after elective and non-elective percutaneous coronary interventions in hospitals with and without on-site cardiac surgery backup.
Clin Res Cardiol. 2009 Nov;98(11):701-7. Epub 2009 Jul 14.
111. *Sjauw KD, Konorza T, Erbel R, Danna PL, Viecca M, Minden HH, Butter C, Engström T, Hassager C, Machado FP, Pedrazzini G, Wagner DR, Schamberger R, Kerber S, Mathey DG, Schofer J, Engström AE, Henriques JP:*
Supported high-risk percutaneous coronary intervention with the Impella 2.5 device the Europella registry.
J Am Coll Cardiol. 2009 Dec 15;54(25):2430-4
112. *D. Steube, A. Rascher, R. Schamberger, S. Kerber.*
Temporäre Kardiomyopathie (Takotsubo-Syndrom) – eine seltene Komplikation bei der Behandlung einer Virusenzephalitis.
AKT Neurol 2010; 37: 188 -190.
113. *G. Werner, M. Hochadel, U. Zeymer, S. Kerber, B. Schumacher, E. Grube, K. Hauptmann, M. Brueck, R. Zahn, J. Senges.*
Contemporary success and complication rates of percutaneous coronary interventions for chronic total coronary occlusion: Results from the ALKK quality control registry 2006.
Eurointerventions 2010.
114. *H. Thiele, J. Wöhrle, P. Neuhaus, O. Brosteanu, P. Sick, R. Prondzinxky, R. Birkemeyer, M. Weiner, S. Kerber, H. Schuehlen, K. Kleinerzt, C. Axthelm, R. Zimmermann, H. Rittger, R. Braun-Dullaes, B. Lauer, W. Burckhardt, M. Ferrari, M. Bergmann, R. Hambrecht, G. Schuler on behalf of the AIDA STEMI Investigators Leipzig.*
Inracoronary compared with intravenous bolus abciximab application during primary percutaneous coronary interventions: Design and rationale of the Abciximab Intracoronary versus intravenously Drug Application in ST-Elevation Myocardial Infarction (AIDA STEMI) trial.
Am Heart J 2010; 159: 547 – 54.
115. *O. Mühling, S. Laukenmann, U: Kippnich, S. Fröhner, B. Schumacher, S. Kerber.*
Herz-Kreislaufstillstand bei (Tako-Tsubo-) Kardiomyopathie.
Notarzt 2011;27: 105-107.
116. *A. E. Engström, T. Konorza, K. D. Sjauw, R. Erbel, P. L. Danna, M. Viecca, H.-H. Minden, C. Butter, T. Engström, C. Hassager, F. P. Machado, G. Pedrazzini, D. R. Wagner, R. Schamberger, S. Kerber, D. G. Mathey, J. Schofer, J. G. P. Tijssen, J. P. S. Henriques:*
Long-term follow-up after Impella 2.5 support in high-risk percutaneous coronary intervention: results from Europella registry.
JACC 2011.





117. *H. Thiele, J. Wöhrle, R. Hambrecht, H. Rittger, R. Birkemeyer, B. Lauer, P. Neuhaus, O. Brosteanu, P. Sick, M. Wiemer, S. Kerber, K. Kleinertz, I. Eitel, S. Desch, G. Schuler:*
Intracoronary compared with intravenous bolus abciximab application during primary percutaneous intervention: The Abciximab Intracoronary Drug Application in ST-Elevation Myocardial Infarction (AIDA STEMI) trial.
The Lancet, February 2012.
118. *T. Deneke, A. Schade, J. Krug, K. Stahl, G.-A. Szollosi, D.-I. Shin, C. Schukro, M. Tarahony, E. Murillo, S. Aram, G. Rosshirt, T. Lawo, P.H. Grewe, S. Kerber.*
Predictors of recurrence after catheter ablation of persistent atrial fibrillation.
Journal of Atrial Fibrillation 2012; 2:1-9.
119. *R. Höllriegel, A. Linke, M. Hochadel, G. Schuler, S. Kerber, R. Hambrecht, E. Grube, K. E. Hauptmann, R. Zahn, U. Zeymer, S. Senges:*
Impact of Coronary Artery Disease on In-Hospital mortality in patients with aortic valve disease: Results from the German ALKK Registry.
Herz, submitted, 2012.
120. *I. Eitel, D. Gehmlich, O. Amer, J. Wöhrle, S. Kerber, B. Lauer, M. Pauschinger, J. Schwab, R. Birkemeyer, R. Zimmermann, M. Mende, S. de Waha, S. Desch, M. Gutberlet, G. C. Schuler, H. Thiele:*
Prognostic Relevance of Papillary Muscle Infarction in Reperfused Infarction as Visualized by Cardiovascular Magnetic Resonance.
Circulation 2013.
121. *M. A. Russ, C. Wackerl, U. Zeymer, M. Hochadel, S. Kerber, R. Zahn, B. Zrenner, H. Topp, V. Schächinger, M. A. Weber:*
Gender based differences in drug eluting stent implantation – data from the German ALKK registry suggest underuse of DES in elderly women.
Submitted.
122. *S. Desch, J. Wöhrle, R. Hambrecht, H. Rittger, R. Birkemeyer, B. Lauer, P. Neuhaus, O. Brosteanu, P. Sick, M. Pauschinger, S. Kerber, K. Kleinertz, S. de Waha, I. Eitel, G. Schuler, H. Thiele:*
Intracoronary versus intravenous abciximab bolus in patients with St-elevation myocardial infarction – 1 year results of the randomised AIDA STEMI trial.
JACC 2013, Apr. 2; 61(13): 1447-54.
123. *J. C. Karcher, M. Hochadel, H. Mudra, H. Darius, S. Kerber, K. E. Hauptmann, A. Elsässer, S. Behrens, U. Zeymer, R. Zahn:*
Percutaneous coronary interventions of the left main stem in clinical practice. Results from the Registry of Percutaneous Coronary Interventions of the Arbeitsgemeinschaft Leitende Kardiologische Krankenhausärzte (ALKK).
Submitted.
124. *A. Schade, T. Deneke, S. Kerber, K. Hamm:*
Two in a single procedure: Combined approach for MitraClip® implantation and left atrial appendage occlusion using Watchman® Device
Journal of Invasive Cardiology, in press
125. *K. Hamm, S. Barth, A. Diegeler, S. Kerber:*
Stroke and thrombus formation appending to the MitraClip®: What is the Appropriate Anticoagulation Regimen?
The Journal of Heart Valve Disease, 2013, 22(5):713-715.
126. *D.P. Griese, W. Reents, A. Diegeler, S. Kerber, J. Babin-Ebell:*
Simple, effective and safe vascular access site closure with the double-ProGlide preclose technique in 162 patients receiving transfemoral transcatheter aortic valve implantation.
Catheter Cardiovasc. Interv. 2013 Nov. 1; 82(5): E734-41.





127. *D. P. Griese, W. Reents, S. Kerber, A. Diegeler, J. Babin-Ebell:*
Emergency cardiac surgery during transfemoral and transapical transcatheter aortic valve implantation: Incidence, reasons, management and outcome of 411 patients from a single center.
Catheter Cardiovasc. Interv. 2013 Nov 1; 82(5): E726-33.
128. *T. Deneke, A. Schade, P. Müller, R. Schmitt, G. Christopoulos, J. Krug, G. Szöllösi, A. Mügge, S. Kerber, K. Nentwich:*
Acute safety and efficacy of a novel multipolar irrigated radiofrequency ablation catheter for pulmonary vein isolation.
J. Cardiovasc Electrophysiol 2013; doi: 10.1111/jce. 12316.
129. *A. Schade, S. Kerber, K. Hamm.* *Two in a single procedure:*
combined approach for MitraClip® implantation and left atrial appendage occlusion using the Watchman device.
J Invasive Cardiol. 2014 Mar;26(3):E32-4.
130. *D. Griese, W. Reents, A. Toth, S. Kerber, A. Diegeler, J. Babin-Ebell:*
Concomitant coronary intervention is associated with poorer early and late clinical outcomes in selected elderly patients receiving transcatheter aortic valve implantation.
Eur J Cardiothorac Surg. 2014 Jul;46(1):e1-7. doi: 10.1093/ejcts/ezu187. Epub 2014 May 12.
131. *G. Fuernau, G. Schuler, J. Woehrle, S. Kerber, B. Lauer, M. Pauschinger, J. Schwab, M. Mende, O. Brosteanu, S. Desch, I. Eitel, S. de Waha, M. Gutberlet, H. Thiele, R. Birkemeyer, S. Pfeiffer:*
Impact of Chronic Statin Pretreatment on Myocardial Damage in ST-Elevation Myocardial Infarction – (AIDA STEMI CMR Substudy).
m. J. Cardiol. 2014 Aug 15;114(4):503-9. Doi: 10.1016/j.amjcard.2014.05.026. Epub 2014 Jun 6.
132. *A. Schade, K. Nentwich, P. Müller, J. Krug, S. Kerber, T. Deneke:*
Elektrischer Sturm in der Notaufnahme: Klinische Pfade.
Herzschr Elektrophys 2014, published online DOI 10.1007/s00399-014-0312-z.
133. *T. Deneke, K. Nentwich, R. Schmitt, G. Christopoulos, J. Krug, L. Di Biase, P. Muller, A. Natale, A. Szollosi, A. Mugge, J. W. Dietrich, Dong-In Shin, S. Kerber, A. Schade:*
Exchanging Catheters over a single transseptal sheath during left atrial ablation is associated with a higher risk for silent cerebral events.
Indian Pacing and Electrophysiology Journal, 14, 240-249, 2014.
134. *Barth S, Kerber S, Urbanski P:*
Papillary fibroelastomas on all three aortic valve leaflets.
Dtsch Arztebl Int 2016 Nov 25; 113(47):808.
135. *T. Deneke, A. Mügge, S. Kerber, K. Nentwich, F. Fochler, P. Müller, P. Grewe, P. Halbfass:*
Differential diagnosis of tachycardia with a broad QRS-complex, Herzschrittmacherther Elektrophysiol.
2015 Sep;26(3):214-26. doi: 10.1007/s00399-015-0387-1. Epub 2015 Sep 1. German.
136. *Klemka A, Barth S, Schmitt R.*
Quadrikuspide Aortenklappen bei Erwachsenen.
Fortschr Röntgenstr 2017; 189(02): 158-160.
137. *M. Resch, P. Ostheim, K. Debl, M. Fischer, D. Endemann, S. Buchner, C. Hengstenberg, L. S. Maier, S. Kerber, A. Luchner, D. P. Griese:*
Paclitaxel-Coated Drug Eluting Balloon (DEB) is less Effective for Treatment of In-Stent Restenosis in DES as Compared to BMS.
Results from a bicenter registry (Regensburg, München, Bad Neustadt a. d. Saale, Amberg)





138. *S. Barth, S. Kerber:*
Musizieren, eine Herzenssache.
Revue Musicale Suisse No. 6/2016-Juin 2016.
139. *S. Barth, S. Kerber, P. Urbanski:*
Dekompensierte Rechtsherzinsuffizienz aufgrund großer Tumormassen im rechten Atrium (Papillary fibroelastomas on all three aortic valve leaflets).
Dtsch Arztebl Int 2016; 113: DOI: 10.3238/arztebl.2012.0808.
140. *S. Barth, M. Zacher, H. Reinecke, M.B. Hautmann, S. Kerber, F. Gietzen, P. Halbfass, A. Schade, T. Deneke, B. Schieffer, K. Hamm:*
Decreasing incidence of coronary heart disease in extreme obesity (BMI \geq 40) – a single center experience.
Obesity Research & Clinical Practice 2017;11:435-444.
141. *S. Barth, K. Hamm, S. Fodor, W. Reents, S. Kerber, P. Halbfass, M.B. Hautmann, B. Schieffer, H. Soda:*
Incidence and clinical impact of cerebral lesion after the Mitraclip procedure. Basic Research in Cardiology.
The Journal of Heart Valve Diseases [01 Mar 2017, 26(2):175-184].
142. *M.B. Hautmann, D.P. Griese, S. Barth, B. Arneth, A. Diegeler, S. Kerber:*
Progrediente Dyspnoe nach Implantation einer Edwards-Sapien-3-Bioprothese.
Kardiologe 2016 10/112-118, DOI 10.1007/s12181-015-0016-6.
143. *K. Hamm, W. Reents, M. Zacher, S. Kerber, A. Diegeler, B. Schieffer, S. Barth:*
Transcatheter aortic valve implantation using the ACURATE TA™ and ACURATE neo valves: a 4-year single-center experience.
EuroIntervention 2017 Feb 7. Pii: EIJ-D-16-00898; DOI: 10.4244/EIJ-D-16-00898.
144. *T. Härle, U. Zeymer, M. Hochadel, R. Zahn, S. Kerber, B. Zrenner, V. Schächinger, B. Lauer, T. Runde, A. Elsässer:*
Real-world use of fractional flow reserve (FFR) in Germany: Results of the prospective ALKK Coronary Angiography and PCI Registry.
Clinical Research in Cardiology 2017 feb; 106(2):140-150; DOI 10/1007/s00392-016-1034-5.
145. *M. Resch, P. Ostheim, D.H. Endemann, K. Debl, S. Buchner, C. Birner, L.S. Maier, S. Kerber, A. Luchner, D.P. Griese:*
Drug Coated Balloon Is Less Effective for Treatment of DES In-Stent Restenosis Both in Native Coronary Arteries and Saphenous Vein Grafts: Results from a Bicenter Registry.
Journal of Interventional Cardiology 2016 Oct;29(5):461-468. DOI: 10.1111/joic.12324.
146. *D.P. Griese, S. Kerber, A. Diegeler, J. Babin-Ebell, W. Reents:*
Impact of Right and Left Ventricular Systolic Dysfunction on Perioperative Outcome and Long-Term Survival After Transcatheter Aortic Valve Replacement.
Journal of Interventional Cardiology; 2017 Apr 25. Doi: 101111/joic.12385.
147. *M.A. Russ, C. Wackerl, U. Zeymer, M. Hochadel, S. Kerber, R. Zahn, B. Zrenner, H. Topp, V. Schächinger, M.A. Weber and for the ALKK-Study Group:*
Gender based differences in drug eluting stent implantation – data from the German ALKK registry suggest underuse of DES in elderly women.
Russ et al. BMC Cardiovascular Disorders (2017) 17:68 DOI: 10.1186/s12872-017-0500-y.
148. *H. Möllmann, C. Hengstenberg, M. Hilker, S. Kerber, U. Schäfer, T. Rudolph, A. Linke, N. Franz, T. Kuntze, H. Nef, U. Kappert, W.-K. Kim:*
Real-world experience using the ACURATE neo™ prosthesis: 30-day outcomes of 1000 patients enrolled in the SAVI_TF registry.
EuroIntervention. 2018 Feb 2;13(15):e1764-e1770.





149. *S. Barth, M.B. Hautmann, S. Kerber, F. Gietzen, M. Zacher, P. Halbfass, P. Müller, A. Schade, T. Deneke, A. Diegeler, B. Schieffer, K. Hamm:*
Hemodynamic Improvement at Three Months after MitraClip® Treatment in End-Stage Heart Failure Patients with Functional Mitral Regurgitation.
Journal of Heart Valve Disease, Volume 25 Number 4 July 2016; 475-482.
150. *K. Hamm, W. Reents, S. Kerber, A. Diegeler:*
Closure of a high ventricular septal defect after transcatheter aortic valve implantation with an atrial septal occlude-hybrid treatment for a rare complication.
European Journal of Cardio-Thoracic Surgery 0 (2016) 1-3 DOI: 10.1093/ejcts/ezw310.
151. *P. Halbfass, P. Müller, K. Nentwich, K. Sonne, K. Hamm, S. Barth, F. Fochler, A. Mügge, T. Deneke:*
Repetitive atrial activation during ongoing atrial fibrillation-comparison using different mapping algorithms: preliminary findings.
J Interv Card Electrophysiol 2017 Jun; 49(1):67-74.
152. *P. Halbfass, P. Müller, K. Nentwich, J. Krug, M. Roos, K. Hamm, S. Barth, A. Szöllösi, A. Mügge, B. Schieffer, T. Deneke:*
Incidence of asymptomatic oesophageal lesions after atrial fibrillation ablation using an oesophageal temperature probe with insulated thermocouples: a comparative controlled study.
Europace 2017 Mar 1; 19(3):385-391.
153. *P. Halbfass, K. Nentwich, J. Krug, M. Roos, K. Sonne, E. Ene, K. Hamm, S. Barth, A. Szöllösi, F. Fochler, A. Mügge, U. Lüsebrink, T. Deneke:*
Impact of surround flow catheter tip irrigation in contact force ablation on the incidence of asymptomatic oesophageal lesions after atrial fibrillation ablation: a prospective comparative study.
Europace 2017 Jul 1; 19(7):1116-1122.
154. *F. Breuckmann, M. Hochadel, T. Voigtländer, M. Haude, C. Schmitt, T. Münzel, E. Giannitsis, H. Mudra, G. Heusch, B. Schumacher, S. Barth, G. Schuler, B. Hailer, D. Walther, J. Senges:*
Cardiac Computed Tomography in Certified German Chest Pain Units.
Crit Pathw Cardiol 2016 Mar; 15(1):11-5.
155. *F. Breuckmann, M. Hochadel, T. Voigtländer, M. Haude, C. Schmitt, T. Münzel, E. Giannitsis, H. Mudra, G. Heusch, B. Schumacher, S. Barth, G. Schuler, B. Hailer, D. Walther, J. Senges:*
The Use of Echocardiography in Certified Chest Pain Units: Results from the German Chest Pain Unit Registry.
Cardiology 2016 Feb 25; 134(2):75-83.
156. *A. Schade, K. Nentwich, L. Costello-Boerrigter, P. Halbfass, P. Mueller, M. Roos, S. Barth, J. Krug, G. Szelloesi, H. Lapp, T. Deneke:*
Spatial Relationship of Focal Impulses, Rotors and Low Voltage Zones in Patients With Persistent Atrial Fibrillation.
J Cardiovasc Electrophysiol 2016 May; 27(5):507-14.
157. *F. Breuckmann, M. Hochadel, T. Voigtländer, M. Haude, C. Schmitt, T. Münzel, E. Giannitsis, H. Mudra, G. Heusch, B. Schumacher, S. Barth, G. Schuler, B. Hailer, D. Walther, J. Senges:*
On versus off-hour care of patients with acute coronary syndrome and persistent ST-segment elevation in certified German chest pain units.
Eur Heart J Acute Cardiovasc Care 2017 Feb; 6(1):3-9.
158. *P. Müller, J. Maier, J. Dietrich, S. Barth, D. Griese, F. Schiedat, A. Szöllösi, P. Halbfass, K. Nentwich, M. Roos, J. Krug, A. Schade, R. Schmitt, A. Mügge, T. Deneke:*
Association between left atrial low-voltage area, serum apoptosis, and fibrosis biomarkers and incidence of silent cerebral events after catheter ablation of atrial fibrillation.
J Interv Card Electrophysiol 2015; 44(1):55-62.





159. A. Schade, A. Langbein, S. Spehl, S. Barth, T. Deneke, G. Groschup, M. Koller, B. Schumacher:
Recurrence of paroxysmal atrial fibrillation after cryoisolation of the pulmonary veins. Is a “redo” procedure using the cryoballoon useful?
J Interv Card Electrophysiol 2013; 36: 287-295.
160. P. Riedmaier, M. Hochadel, H. Darius, S. Kerber, H. Ince, T. Härle, B. Schumacher, B. Zrenner, T. Brummer, M. Beyer, R. Zahn, U. Zeymer:
Comparative efficacy and safety of prasugrel and clopidogrel in patients with STEMI undergoing primary PCI in the prasugrel core population in clinical practice. Results from the prospective ALKK Registry.
Thrombosis and Haemostasis, submitted Jan. 2018.
161. K. Hamm, M. Zacher, M. Hautmann, F. Gietzen, P. Halbfass, S. Kerber, A. Diegeler, B. Schieffer, S. Barth:
Influence of Experience on Procedure Steps, Safety and Functional Results in Edge to Edge Mitral Valve Repair – A Single Center Study.
Catheter Cardiovasc Interv. 2017 Aug 1;90(2):313-320.
162. A. Schmermund, M. Marwan, J. Hausleiter, S. Barth, O. Bruder, S. Kerber, G. Korosoglou, A. Leber, W. Moshage, S. Schröder, S. Schneider, J. Senges, S. Achenbach:
Declining Radiation Dose of Coronary Computed Tomography Angiography: German Cardiac CT Registry Experience 2009-2014.
Clin Res Cardiol, DOI 10.1007/s00392-017-1136-8.
163. K. Hamm, W. Reents, M. Zacher, P. Halbfass, S. Kerber, A. Diegeler, B. Schieffer, S. Barth:
Predilatation in balloon-expandable TAVI: necessity or nuisance?
30th EACTS Annual Meeting, Barcelona, DOI: 10.13140/RG.2.1.3752.8561.
164. K. Hamm, W. Reents, M. Zacher, P. Halbfass, S. Kerber, A. Diegeler, B. Schieffer, S. Barth: **Omission of predilatation in balloon-expandable transcatheter aortic valve implantation: retrospective analysis in a large volume center.**
EuroIntervention 2017 Jun 2;13(2):e161-e167. doi: 10.4244/EIJ-D-17-00011.
165. A. Matveeva, R. R. Schmitt, K. Edinger, M. Wagner, S. Kerber, T. Deneke, M. Uder, S. Barth:
Coronary CT Angiography in Patients with Atrial Fibrillation: Standard-Dose and Low-Dose Imaging with a High-Resolution Whole-Heart CT Scanner.
Eur Radiol. 2018 Aug; 28(8):3432-3440.
166. S. Barth, M. Marwan, J. Hausleiter, W. Moshage, G. Korosoglu, A. Leber, A. Schmermund, H. Gohlke, O. Bruder, T. Dill, S. Schröder, S. Kerber, K. Hamm, F. Gietzen, S. Schneider, J. Senges, S. Achenbach:
Coronary Computed Tomography Angiography (CCTA) in Patients with Suspected Stable Coronary Artery Disease (CAD): Diagnostic Impact and Clinical Consequences in the German Cardiac CT Registry Depending on Stress Test Results.
Int J Cardiovasc Imaging. 2019 Apr;35(4):741-748.
167. M. Marwan, S. Achenbach, G. Korosoglu, A. Schmermund, S. Schneider, O. Bruder, J. Hausleiter, S. Schroeder, S. Barth, S. Kerber, A. Leber, W. Moshage, J. Senges:
German Cardiac CT Registry: Indications, Procedural Data and Clinical Consequences in 7061 Patients undergoing Cardiac Computed Tomography.
Int J Cardiovasc Imaging. 2018 May;34(5):807-819.
168. S. Barth, M. Hautmann, S. Kerber, F. Gietzen, W. Reents, M. Zacher, P. Halbfass, D. Griese, B. Schieffer, K. Hamm:
Left ventricular ejection fraction < 20 % - too bad for Mitraclip ?
Catheter Cardiovasc Interv. 2017 Nov 15; 90(6):1038-1045.
169. S. Barth, K. Hamm, S. Fodor, W. Reents, S. Kerber, P. Halbfass, M. Hautmann, B. Schieffer, H. Soda:
Incidence and clinical impact of cerebral lesions after the Mitraclip procedure.
J Heart Valve Dis. 2017; Mar; 26(2):175-184.





170. S. Kerber, S. Barth, T. Deneke, S. Eichhorst:
Innovatives und nachhaltiges Zukunftskonzept für die Kardiologie. Teil I: Strategische Ausrichtung der medizinischen Schwerpunkte.
KU Gesundheitsmanagement 1/2018
171. G. Schymik, T. Rudolph, C. Jacobshagen, J. Rothe, H. Treede, S. Kerber, D. Frank, L. Sykorova, M. Thoenes, G. Mark, P. Bramlage, C. Butter:
Balloon-expandable transfemoral transcatheter aortic valve implantation with or without predilatation – findings from the EASE-IT TF multicenter registry.
Open Heart. 2019 Oct 3;6(2):e001082. doi: 10.1136/openhrt-2019-001082. eCollection 2019.PMID: 31673387
172. W. Kim, C. Hengstenberg, M. Hilker, S. Kerber, U. Schäfer, T. Rudolph, A. Linke, N. Franz, T. Kuntze, H. Nef, U. Kappert, M. Zembal, S. Togweiler, H. Möllmann:
SAVI-TF: one-year outcomes of the European post-market registry using the ACURATE neo transcatheter heart valve under real world conditions in 1000 patients.
JACC Cardiovasc Interv. 2018 Jul 23;11(14):1368-1374.
173. S. Barth, M. Hautmann, E. Arvaniti, J. Kikec, S. Kerber, M. Zacher, P. Halbfass, P. Ranosch, L. Lehmkuhl, B. Foldyna, U. Lüsebrink, K. Hamm:
Mid-term Hemodynamic and Functional Results after Transcatheter Mitral Valve Leaflet Repair with the new PASCAL-Device.
Clin Res Cardiol 2020. doi: 10.1007/s00392-020-01733-7.
174. C. Waechter, F. Ausbuettel, G. Chatzis, D. Fischer, H. Nef, S. Barth, P. Halbfass, T. Deneke, S. Kerber, D. Divchev, B. Schieffer, U. Lüsebrink:
Analysis of Atrial Fibrillation Treatment Regimes in a Multicenter Cohort of Transcatheter Edge-to-Edge Mitral Valve Repair Patients.
J Interv Cardiol. 2020 Aug 28;2020:6542028. doi: 10.1155/2020/6542028.
175. P. Halbfass, A. Berkovitz, B. Pavlov, K. Sonne, K. Nentwich, E. Ene, F. Hoerning, S. Barth, M. Zacher, T. Deneke T:
Incidence of Acute Thermal Esophageal Injury after Atrial Fibrillation Ablation guided by prespecified Ablation Index.
J Cardiovasc Electrophysiol 2019 Nov;30(11):2256-2261.
176. M. Vafaie, M. Hochadel, T. Münzel, B. Hailer, B. Schumacher, G. Heusch, T. Voigtländer, H. Mudra, M. Haude, S. Barth, C. Schmitt, H. Darius, L. Maier, H. Katus, J. Senges, E. Giannitsis:
Guideline-adherence regarding critical time intervals in the German Chest Pain Unit registry.
Eur Heart J Acute Cardiovasc Care. 2020 Feb;9(1):52-61.
177. J. Lanz, W. Kim, T. Walther, C. Burgdorf, H. Möllmann, A. Linke, S. Redwood, C. Thilo, M. Hilker, M. Joner, H. Thiele, L. Conzelmann, L. Conradi, S. Kerber, G. Schymik, B. Prendergast, O. Husser, S. Stortecky, D. Heg, P. Jüni, S. Windecker, T. Pilgrim:
Safety and efficacy of a self-expanding versus a balloon-expandable bioprosthesis for transcatheter aortic valve replacement in patients with symptomatic severe aortic stenosis: a randomised non-inferiority trial.
SCOPE I investigators.Lancet. 2019 Nov 2;394(10209):1619-1628. doi: 10.1016/S0140-6736(19)32220-2. Epub 2019 Sep 27.PMID: 31570258 Clinical Trial.
178. Barth S, Hautmann MB, Wilko Reents W, Zacher M, Griese DP, Kerber S, Diegeler A, Hamm K.
Transcatheter Aortic Valve Replacement (TAVR) Can Improve Long-term Survival of Nonagenarians as Compared to an Age- and Sex-Matched General Population.
J Cardiol. 2020 Feb;75(2):134-139.





179. *Barth S, Reents W, Zacher M, Kerber S, Diegeler A, Schieffer B, Schreiber M, Lauer B, Kuntze T, Dahmer M, Hamm C, Hamm K.*
Multi-center propensity-matched comparison of transcatheter aortic valve implantation using the ACURATE TA/neo self-expanding versus the SAPIEN 3 balloon-expanding prosthesis.
EuroIntervention 2019 Nov 20;15(10):884-891.
180. *Reents W, Barth S, Griese D, Winkler S, Babin-Ebell J, Kerber S, Diegeler A, Zacher M, Hamm K.*
Transfemoral versus transapical transcatheter aortic valve implantation – a single center experience.
European Journal of Cardio-Thoracic Surgery. 2019 Apr 1;55(4):744-750.
181. *Halbfass P, Pavlov B, Müller P, Nentwich K, Sonne K, Barth S, Hamm K, Fochler F, Mügge A, Lüsebrink U, Kuhn R, Deneke T.*
Progression From Esophageal Thermal Asymptomatic Lesion to Perforation Complicating Atrial Fibrillation Ablation: A Single-Center Registry.
Circ Arrhythm Electrophysiol 2017 Aug;10(8). pii: e005233. doi: 10.1161/CIRCEP.117.005233.
182. *Ene E, Halbfass P, Nentwich K, Sonne K, Roos M, Fodor S, Lehmkuhl L, Gietzen F, Barth S, Hamm K, Deneke T.*
Epicardial ablation of ventricular tachycardias.
Herzschrittmacherther Elektrophysiol. 2017; 28:212-218.

Stand: September 2020

