

List of publications, Stefan Osswald

Original Articles

1. Burkart F, **Osswald S**. [Mechanisms of myocardial ischemia and circadian fluctuations of ischemic episodes]. *Schweiz Rundsch Med Prax* 1992;81:171-5.
2. **Osswald S**, Pfisterer M, Burkart F, Stulz P, Grädel E. Koronare Endarteriektomie: Funktionelle Resultate frühpostoperativ und im Langzeitverlauf unter Antikoagulation und Aspirin / Dipyridamol [Coronary endarterectomy: short- and long-term patency on anticoagulation compared to aspirin / dipyridamole therapy]. *Z Herz Thorax Gefässchir* 1992;6:1-4.
3. **Osswald S**, Kiowski W, Leiggenger C, Buser P, Pfisterer M, Burkart F. Adjustment of heart rate response of activity-sensing pacemakers by an exercise protocol mimicking daily activities. *Eur J Cardiac Pacing Electrophys* 1993;3:269-377.
4. **Osswald S**, Trouton TG. Images in clinical medicine. Neurocardiogenic (vasodepressor) syncope. *N Engl J Med* 1993;329:30.
5. Kim YH, Sosa-Suarez G, Trouton TG, O'Nunain SS, **Osswald S**, McGovern BA, Ruskin JN, Garan H. Treatment of ventricular tachycardia by transcatheter radiofrequency ablation in patients with ischemic heart disease. *Circulation* 1994;89:1094-102.
6. **Osswald S**, Brooks R, O'Nunain SS, Curwin JH, Roelke M, Radvany P, Ruskin JN, McGovern BA. Asystole after exercise in healthy persons. *Ann Intern Med* 1994;120:1008-11.
7. **Osswald S**, Trouton TG, O'Nunain SS, Holden HB, Ruskin JN, Garan H. Relation between shock-related myocardial injury and defibrillation efficacy of monophasic and biphasic shocks in a canine model. *Circulation* 1994;90:2501-9.
8. Roelke M, McNamara D, **Osswald S**, Semigran M, Dec W, Harthorne JW. A comparison of VVIR and DDDR pacing following cardiac transplantation. *Pacing Clin Electrophysiol* 1994;17:2047-51.
9. O'Nunain SO, Roelke M, Trouton T, **Osswald S**, Kim YH, Sosa-Suarez G, Brooks DR, McGovern B, Guy M, Torchiana DF, et al. Limitations and late complications of third-generation automatic cardioverter-defibrillators. *Circulation* 1995;91:2204-13.
10. **Osswald S**, Candinas R, Fuhrer J. [Initial clinical results with a novel implantable cardioverter-defibrillator: a prospective evaluation in 3 Swiss university hospitals]. *Schweiz Med Wochenschr* 1995;125:2423-32.
11. **Osswald S**, Roelke M, O'Nunain SS, Trouton TG, Sosa Suarez GE, Perez IE, Torchiana D, McGovern BA, Garan H, Ruskin JN, et al. Electrocardiographic pseudo-infarct patterns after implantation of cardioverter-defibrillators. *American heart journal* 1995;129:265-72.
12. Roelke M, O'Nunain S, **Osswald S**, Trouton TG, Harthorne JW, Garan H, Ruskin JN. Ventricular pacing induced ventricular tachycardia in patients with implantable cardioverter defibrillators. *Pacing Clin Electrophysiol* 1995;18:486-91.
13. Roelke M, O'Nunain SS, **Osswald S**, Garan H, Harthorne JW, Ruskin JN. Subclavian crush syndrome complicating transvenous cardioverter defibrillator systems. *Pacing Clin Electrophysiol* 1995;18:973-9.
14. Buser PT, **Osswald S**, Rickenbacher P, Pfisterer M. [Risk stratification following myocardial infarct]. *Schweiz Med Wochenschr* 1996;126:1011-22.

15. Buser PT, Rickenbacher P, Zuber M, **Osswald S**, Estlinbaum W, Burckhardt D. [Cerebral ischemic events: when and how to look for a cardiac embolism source?]. *Schweiz Med Wochenschr* 1996;126:1023-31.
16. Naegeli B, **Osswald S**, Deola M, Burkart F. Intermittent pacemaker dysfunction caused by digital mobile telephones. *J Am Coll Cardiol* 1996;27:1471-7.
17. Naegeli B, **Osswald S**, Pfisterer M, Burkart F. VDD(R) pacing: short- and long-term stability of atrial sensing with a single lead system. *Pacing Clin Electrophysiol* 1996;19:455-64.
18. **Osswald S**, Buser PT, Rickenbacher P, Pfisterer M. [Supraventricular tachycardias: mechanism, diagnosis and therapy]. *Schweiz Med Wochenschr* 1996;126:974-85.
19. **Osswald S**, Leiggener C, Buser PT, Pfisterer ME, Burckhardt D, Burkart F. Benefits and limitations of rate adaptive pacing under laboratory and daily life conditions in patients with minute ventilation single chamber pacemakers. *Pacing Clin Electrophysiol* 1996;19:890-8.
20. **Osswald S**, Rickenbacher P, Buser PT, Pfisterer M. [Assessment of ventricular arrhythmias]. *Schweiz Rundsch Med Prax* 1996;85:179-87.
21. **Osswald S**, Trouton TG, O'Nunain SS, Roelke M, Powell AC, Sosa-Suarez GE, McGovern BA, Garan H, Cannom DS, Ruskin JN. Impact of the implantable cardioverter defibrillator on long-term outcome in survivors of out-of-hospital cardiac arrest with idiopathic dilated cardiomyopathy. *Eur J Cardiac Pacing Eelectrophysiology* 1996;6:148-54.
22. Prazak P, Pfisterer M, **Osswald S**, Buser P, Burkart F. Differences of disease progression in congestive heart failure due to alcoholic as compared to idiopathic dilated cardiomyopathy. *Eur Heart J* 1996;17:251-7.
23. Rickenbacher P, Buser P, **Osswald S**, Pfisterer M. [Drug therapy of cardiac insufficiency: status 1995]. *Schweiz Med Wochenschr* 1996;126:933-45.
24. Rickenbacher P, **Osswald S**, Buser P, Pfisterer M. [Intracoronary ultrasound: scientific aspects and clinical possibilities]. *Schweiz Rundsch Med Prax* 1996;85:320-8.
25. Rickenbacher P, Stettler R, **Osswald S**. [Accidental insertion of a temporary pacemaker electrode in the left ventricle: radiological and electrocardiographic diagnosis]. *Schweiz Med Wochenschr* 1996;126:1688-92.
26. Amiodarone Trials Meta-Analysis Investigators (**Osswald S**). The effect of prophylactic amiodarone on mortality after acute infarction and in congestive heart failure. Meta-analysis of individual patient data on 6500 patients from randomized trials. *Lancet* 1997;350:1417-24.
27. Cron T, Grädel C, Buser P, Pfisterer M, **Osswald S**. Usefulness of non-invasive programmed stimulation (NIPS) for the termination of atrial tachyarrhythmias in patients with DDD(R) pacemakers. *Eur J Cardiac Pacing Eelectrophysiology* 1997;7:89-93.
28. Kloter Weber U, Burckhardt D, Pfisterer M, **Osswald S**. [Survived sudden cardiac death in aortic stenosis and Wolff-Parkinson-White syndrome: Differential diagnosis and therapy]. *Schweiz Rundsch Med Prax* 1997;86:1017-20.
29. O'Nunain S, Perez I, Roelke M, **Osswald S**, McGovern BA, Brooks DR, Torchiana DF, Vlahakes GJ, Ruskin J, Garan H. The treatment of patients with infected implantable cardioverter-defibrillator systems. *J Thorac Cardiovasc Surg* 1997;113:121-9.
30. **Osswald S**. [Radiofrequency ablation of supraventricular tachycardia]. *Schweiz Rundsch Med Prax* 1997;86:502-9.
31. **Osswald S**, Cron T, El Allaf D, Falk SA, Fahraeus T, Dungan T. Clinical Performance of the New Unipass™ Pacing Lead (model 425-11, -13, -16): Results of a Multicenter International Study. *EUROPACE Proceedings Athens 1997*;Ed. Vardas PE, Monduzzi Editore, Bologna, Italy:599-602.

32. **Osswald S**, Cron T, Sterns L, Alt E, Stotts L, Coenen M. First clinical experience with a new ICD capable of dual-chamber sensing for differentiation of supraventricular tachyarrhythmias. *EUROPACE Proceedings Athens 1997*;Ed. Vardas PE, Monduzzi Editore, Bologna, Italy:933-7.
33. **Osswald S**, Wilber DJ, Lin JL, Du D, Holden HB, Ruskin JN, Garan H. Mechanisms underlying different surface ECG morphologies of recurrent monomorphic ventricular tachycardia and their modification by procainamide. *Journal of cardiovascular electrophysiology* 1997;8:11-23.
34. Pfisterer ME, Kloter-Weber UC, Huber M, **Osswald S**, Buser PT, Skarvan K, Stulz PM. Prevention of supraventricular tachyarrhythmias after open heart operation by low-dose sotalol: a prospective, double-blind, randomized, placebo-controlled study. *Ann Thorac Surg* 1997;64:1113-9.
35. Cron TA, Buser PT, **Osswald S**. Placement of a temporary pacemaker electrode through a persistent left superior vena cava. *Intensive Care Med* 1998;24:639-40.
36. Cron TA, **Osswald S**, Borggreffe M. [Brugada-Brugada syndrome--an ECG diagnosis at a glance!]. *Schweiz Med Wochenschr* 1998;128:1965.
37. Hunziker P, Buser P, Pfisterer M, Burkart F, **Osswald S**. Predictors of loss of atrioventricular synchrony in single lead VDD pacing. *Heart* 1998;80:390-2.
38. **Osswald S**, Cron TA, Sterns L, Alt E, Stotts L, Coenen M. New ICD-technologies: first clinical experience with dual-chamber sensing for differentiation of supraventricular tachyarrhythmias. *Pacing Clin Electrophysiol* 1998;21:292-5.
39. **Osswald S**, Trouton TG, Roelke M, O'Nunain SS, Fallon JT, Holden HB, Ruskin JN, Garan H. Transvenous single lead atrial defibrillation: efficacy and risk of ventricular fibrillation in an ischemic canine model. *Pacing Clin Electrophysiol* 1998;21:580-9.
40. Pfisterer ME, Buser P, **Osswald S**, Weiss P, Bremerich J, Burkart F. Time dependence of left ventricular recovery after delayed recanalization of an occluded infarct-related coronary artery: findings of a pilot study. *J Am Coll Cardiol* 1998;32:97-102.
41. Weber UK, **Osswald S**, Buser P, Huber M, Skarvan K, Stulz P, Pfisterer M. Significance of Supraventricular Tachyarrhythmias After Coronary Artery Bypass Graft Surgery and Their Prevention by Low-Dose Sotalol: A Prospective Double-Blind Randomized Placebo-Controlled Study. *J Cardiovasc Pharmacol Ther* 1998;3:209-16.
42. Weber UK, **Osswald S**, Huber M, Buser P, Skarvan K, Stulz P, Schmidhauser C, Pfisterer M. Selective versus non-selective antiarrhythmic approach for prevention of atrial fibrillation after coronary surgery: is there a need for pre-operative risk stratification? A prospective placebo-controlled study using low-dose sotalol. *Eur Heart J* 1998;19:794-800.
43. **Osswald S**, Cron T. Implantable defibrillators in grown-up congenital heart disease patients. *Proceedings of the 21st Congress of the European Society of Cardiology Barcelona 1999*;Ed. Lopez EN, Monduzzi Editore, Bologna:687-92.
44. **Osswald S**, Hilti P, Cron T, Grädel C, Buser P, Pfisterer M. Correlation of intracardiac impedance and right ventricular contractility during dobutamine stresstest. *Prog Biomed Res* 1999;4:166-70.
45. **Osswald S**, Zaugg C, Cron T, Hilti P, Barbosa V, Baumgartner D. In vitro and vivo results with the new Atlas basket catheter for linear RF-ablation of atrial fibrillation. *Proceedings of the 21st Congress of the European Society of Cardiology Barcelona 1999*;Ed. Lopez EN, Monduzzi Editore, Bologna:839-43.
46. Rankin AC, **Osswald S**, McGovern BA, Ruskin JN, Garan H. Mechanism of sustained monomorphic ventricular tachycardia in systemic sclerosis. *Am J Cardiol* 1999;83:633-6, A11.

47. Zimmermann M, **Osswald S**. Controversies in cardiology: Should patients with asymptomatic nonsustained ventricular tachycardia be prophylactically treated with an implantable cardioverter defibrillator? *Kardiovaskuläre Medizin* 1999;2:149-55.
48. Kaufmann C, **Osswald S**, Cron T, Wegmann W. Plötzlicher Herztod im Langzeitverlauf nach Radiofrequenzablation des AV-Knotens wegen therapierefraktärem tachykardem Vorhofflimmern. *Kardiovaskuläre Medizin* 2000;3:119-22.
49. **Osswald S**, Cron T, Gradel C, Hilti P, Lippert M, Strobel J, Schaldach M, Buser P, Pfisterer M. Closed-loop stimulation using intracardiac impedance as a sensor principle: correlation of right ventricular dP/dtmax and intracardiac impedance during dobutamine stress test. *Pacing Clin Electrophysiol* 2000;23:1502-8.
50. Israel C, Burkhard H, Unterberg C, Lawo T, Kennis I, Hettrick D, Hohnloser SH on behalf of the AT500 verification study (**Osswald S**). Pace-termination and pacing for prevention of atrial tachyarrhythmias: results from a multicenter study with an implantable device for atrial therapy. *Journal of cardiovascular electrophysiology* 2001;12:1120-8.
51. Jenni D, Osterwalder R, **Osswald S**, Buser P, Pfisterer M. Evidence for age-based rationing in a Swiss university hospital. *Swiss Med Wkly* 2001;131:630-4.
52. Jenni D, Osterwalder R, **Osswald S**, Buser P, Pfisterer M. [Are we treating coronary heart disease and heart failure appropriately in the clinic and ambulatory care? Secondary prevention and drug therapy 1998]. *Schweiz Rundsch Med Prax* 2001;90:1759-65.
53. Kloeter UC, Jander NG, Buser PT, **Osswald S**, Mueller-Brand J, Pfisterer ME. Long-term outcome of angioplasty for multivessel coronary disease: importance and price of complete revascularization. *Int J Cardiol* 2001;79:197-205.
54. Pfisterer M for the TIME Investigators (**Osswald S**). Trial of invasive versus medical therapy in the elderly (TIME). Study protocol and study outline. *Heart Drug* 2001;1:144-7.
55. TIME Investigators (**Osswald S**). Trial of invasive versus medical therapy in the elderly (TIME). Primary outcome findings. *Lancet* 2001;358:951-7.
56. Buser A, Khanlari B, Faeh F, **Osswald S**, Eriksson U. Rezidivierende Synkopen und rhythmogener Schock. Der besondere Fall. *Swiss Med Forum* 2002;39:874-6.
57. Cron TA, Schaer B, **Osswald S**. Implantable cardioverter defibrillator proarrhythmia due to an interaction with "noncompetitive atrial pacing": an algorithm to prevent atrial arrhythmias. *Pacing Clin Electrophysiol* 2002;25:1656-9.
58. Cron TA, Zellweger MJ, Buser PT, Pfisterer ME, **Osswald S**. Late potential analysis: is a mathematically-derived X,Y,Z lead system comparable to a true orthogonal X,Y,Z lead system? *Ann Noninvasive Electrocardiol* 2002;7:302-6.
59. Gradaus R, Gonska BD, Stellbrink C, Cron T, Tebbenjohanns J, Blomstrom-Lundqvist C, Himmrich E, Salerno JA, **Osswald S**, Gommer ED, Van Veen BK, Bocker D. European clinical experience with a dual chamber single pass sensing and pacing defibrillation lead. *Pacing Clin Electrophysiol* 2002;25:1079-86.
60. Gutmann M, **Osswald S**, Cron T. Möglichkeiten in der Diagnostik und Therapiekontrolle von Vorhofflimmern mit modernen 2-Kammer-Schrittmachersystemen: ein illustratives Fallbeispiel. *Kardiovaskuläre Medizin* 2002;5:84-5.
61. Keller D, Kaiser C, **Osswald S**, Pfisterer M, Buser P. Subtotal occlusion of the left main coronary artery in a six-week pregnant 27-year-old woman. *Kardiovaskuläre Medizin* 2002;373-5.

62. Kühlkamp V for the InSync 7272 ICD World Wide Investigators (**Osswald S**). Initial experience with an implantable cardioverter-defibrillator incorporating cardiac resynchronization therapy. *J Am Coll Cardiol* 2002;39:790-7.
63. **Osswald S**, Benzer W, Schrepf R, Brüsehauer B. Concept of the CLEAR study comparing closed loop stimulation and accelerometer rate adaptive Pacing. *Prog Biomed Res* 2002;7:130-5.
64. Schaer B, Cron TA, **Osswald S**. [Radiofrequency ablation of supraventricular re-entry tachycardia: a "new life" with a successful and complications-free method]. *Schweiz Rundsch Med Prax* 2002;91:216-22.
65. Balmelli N, Schaer B, Huldi C, Cron T, **Osswald S**. Ein Namensschild gibt Warntöne ab - was eine Magnetauflage für die Funktion von Herzschrittmachern und implantierbaren Cardioverter-Defibrillatoren bedeuten kann. *Kardiovaskuläre Medizin* 2003;6:208-12.
66. Cron TA, Pouskoulas CD, Keller DI, Zaugg CE, Buser PT, Pfisterer ME, **Osswald S**, Hilti P, Schachinger H. Rate response of a closed-loop stimulation pacing system to changing preload and afterload conditions. *Pacing Clin Electrophysiol* 2003;26:1504-10.
67. Keller DI, **Osswald S**, Bremerich J, Bongartz G, Cron TA, Hilti P, Pfisterer ME, Buser PT. Arrhythmogenic right ventricular cardiomyopathy: diagnostic and prognostic value of the cardiac MRI in relation to arrhythmia-free survival. *Int J Cardiovasc Imaging* 2003;19:537-43; discussion 45-7.
68. Kuster GM, Buser P, **Osswald S**, Kaiser C, Schonenberger R, Schindler C, Amann W, Rickenbacher P, Pfisterer M. Comparison of presentation, perception, and six-month outcome between women and men > or =75 years of age with angina pectoris. *Am J Cardiol* 2003;91:436-9.
69. Pfisterer M, Buser P, **Osswald S**, Allemann U, Amann W, Angehrn W, Eeckhout E, Erne P, Estlinbaum W, Kuster G, Moccetti T, Naegeli B, Rickenbacher P. Outcome of elderly patients with chronic symptomatic coronary artery disease with an invasive vs optimized medical treatment strategy: one-year results of the randomized TIME trial. *Jama* 2003;289:1117-23.
70. Zellweger MJ, Schaer BA, Cron TA, Pfisterer ME, **Osswald S**. Elevated troponin levels in absence of coronary artery disease after supraventricular tachycardia. *Swiss Med Wkly* 2003;133:439-41.
71. Ammann P, Kiencke S, Schaer B, Cron TA, Sticherling C, Huldi C, Linka A, Buser P, Pfisterer M, **Osswald S**. Cardiac resynchronization in severe heart failure and left bundle branch block: a single center experience. *Swiss Med Wkly* 2004;134:277-82.
72. Burger PC, Schaer B, Cron TA, **Osswald S**. [Extraordinary findings after radiofrequency ablation]. *Schweiz Rundsch Med Prax* 2004;93:153-7.
73. Claude J, Schindler C, Kuster GM, Schwenkglenks M, Szucs T, Buser P, **Osswald S**, Kaiser C, Gradel C, Estlinbaum W, Rickenbacher P, Pfisterer M. Cost-effectiveness of invasive versus medical management of elderly patients with chronic symptomatic coronary artery disease. Findings of the randomized trial of invasive versus medical therapy in elderly patients with chronic angina (TIME). *Eur Heart J* 2004;25:2195-203.
74. Hohnloser SH, Kuck KH, Dorian P, Roberts RS, Hampton JR, Hatala R, Fain E, Gent M, Connolly SJ, on behalf of the DINAMIT Investigators, (**Osswald S**). Prophylactic use of an implantable cardioverter-defibrillator after acute myocardial infarction. *N Engl J Med* 2004;351:2481-8.
75. Jeger RV, Zellweger MJ, Kaiser C, Grize L, **Osswald S**, Buser PT, Pfisterer ME. Prognostic value of stress testing in patients over 75 years of age with chronic angina. *Chest* 2004;125:1124-31.
76. Kaiser C, Kuster GM, Erne P, Amann W, Naegeli B, **Osswald S**, Buser P, Schlapfer H, Brett W, Zerkowski HR, Schindler C, Pfisterer M. Risks and benefits of optimised medical and revascularisation therapy in elderly patients with angina--on-treatment analysis of the TIME trial. *Eur Heart J* 2004;25:1036-42.

77. Kiencke S, **Osswald S**. [Cardiac resynchronization therapy (CRT)--a new option for severe heart failure]. *Ther Umsch* 2004;61:265-70.
78. Pfisterer M, for the TIME Investigators (**Osswald S**). Long-term outcome in elderly patients with chronic stable angina managed invasively versus by optimized medical therapy. Four-year follow-up of the randomized trial of in-vasive versus medical therapy in elderly patients (TIME). *Circulation* 2004;1213-1218.
79. Schaer B, Ammann P, Sticherling C, **Osswald S**. Biventrikuläre Stimulation zur kardialen Resynchronisation. *The Medical Journal* 2004;1:10-1.
80. Schaer B, **Osswald S**, Fuhr P, Leppert D. Syncope during EEG recording. *Neurology* 2004;63:E11.
81. Schaer BA, Zellweger MJ, Cron TA, Kaiser CA, **Osswald S**. Value of routine holter monitoring for the detection of paroxysmal atrial fibrillation in patients with cerebral ischemic events. *Stroke; a journal of cerebral circulation* 2004;35:e68-70.
82. Ammann P, Sticherling C, Kalusche D, Eckstein J, Bernheim A, Schaer B, **Osswald S**. An electrocardiogram-based algorithm to detect loss of left ventricular capture during cardiac resynchronization therapy. *Ann Intern Med* 2005;142:968-73.
83. Bernheim A, Ammann P, Sticherling C, Burger P, Schaer B, Brunner-La Rocca HP, Eckstein J, Kiencke S, Kaiser C, Linka A, Buser P, Pfisterer M, **Osswald S**. Right atrial pacing impairs cardiac function during resynchronization therapy: acute effects of DDD pacing compared to VDD pacing. *J Am Coll Cardiol* 2005;45:1482-7.
84. Bonetti P, Gutmann M, Cron T, Schaer B, **Osswald S**. Transient complete atrioventricular block and left bundle branch block during radiofrequency ablation of left free wall accessory pathway. *Kardiovaskuläre Medizin* 2005;8:324-9.
85. Jeger RV, Bonetti PO, Zellweger MJ, Tobler D, Kaiser CA, **Osswald S**, Buser PT, Pfisterer ME. Influence of revascularization on long-term outcome in patients ≥ 75 years of age with diabetes mellitus and angina pectoris. *Am J Cardiol* 2005;96:193-8.
86. Kaiser C, Brunner-La Rocca HP, Buser PT, Bonetti PO, **Osswald S**, Linka A, Bernheim A, Zutter A, Zellweger M, Grize L, Pfisterer ME. Incremental cost-effectiveness of drug-eluting stents compared with a third-generation bare-metal stent in a real-world setting: randomised Basel Stent Kosten Effektivitäts Trial (BASKET). *Lancet* 2005;366:921-9.
87. Keller DI, Barrane FZ, Gouas L, Martin J, Pilote S, Suarez V, **Osswald S**, Brink M, Guicheney P, Schwick N, Chahine M. A novel nonsense mutation in the SCN5A gene leads to Brugada syndrome and a silent gene mutation carrier state. *Can J Cardiol* 2005;21:925-31.
88. Schaer B, Ammann P, Sticherling C, Zellweger M, Cron T, **Osswald S**. Prophylactic ICD therapy in dilated cardiomyopathy: impact of LV-function. *Int J Cardiol* 2005:in press.
89. Sperzel J, Kennergren C, Biffi M, Smith M, Knops M, Gill J, Boland J, (**Osswald S**; Co-Investigator). Clinical performance of a ventricular automatic capture verification algorithm. *Pacing Clin Electrophysiol* 2005;28:933-7.
90. Sticherling C, Schaer BA, Ammann P, Maeder M, **Osswald S**. Methadone-induced Torsade de pointes tachycardias. *Swiss Med Wkly* 2005;135:282-5.
91. Bernheim AM, Schaer BA, Kaufmann C, Brunner-La Rocca H, Moulay-Lakhdar N, Buser PT, Pfisterer ME, **Osswald S**. Early clinical experience with CardioCard - a credit card-sized electronic patient record. *Swiss Med Wkly* 2006;136:539-43.

92. Brunner-La Rocca HP, Buser PT, Schindler R, Bernheim A, Rickenbacher P, Pfisterer M, (**Osswald S**, Co-Investigator). Management of elderly patients with congestive heart failure--design of the Trial of Intensified versus standard Medical therapy in Elderly patients with Congestive Heart Failure (TIME-CHF). *American heart journal* 2006;151:949-55.
93. Conen D, **Osswald S**, Cron TA, Linka A, Bremerich J, Keller DI, Pfisterer ME, Buser PT. Value of repeated cardiac magnetic resonance imaging in patients with suspected arrhythmogenic right ventricular cardiomyopathy. *J Cardiovasc Magn Reson* 2006;8:361-6.
94. Kaiser C, Jeger R, Wyrsh S, Schoeb L, Kuster GM, Buser P, **Osswald S**, Bernet F, Brett W, Grize L, Pfisterer M. Selection bias of elderly patients with chronic angina referred for catheterization. *Int J Cardiol* 2006;110:80-5.
95. Keller DI, Füllhaas U, Mihatsch M, **Osswald S**. Another case of typical hypertrophic cardiomyopathy? *Kardiovaskuläre Medizin* 2006;9:276-7.
96. Keller DI, Huang H, Zhao J, Frank R, Suarez V, Delacretaz E, Brink M, **Osswald S**, Schwick N, Chahine M. A novel SCN5A mutation, F1344S, identified in a patient with Brugada syndrome and fever-induced ventricular fibrillation. *Cardiovasc Res* 2006;70:521-9.
97. Pfisterer M, Brunner-La Rocca HP, Buser PT, Rickenbacher P, Hunziker P, Mueller C, Jeger R, Bader F, **Osswald S**, Kaiser C. Late clinical events after clopidogrel discontinuation may limit the benefit of drug-eluting stents: an observational study of drug-eluting versus bare-metal stents. *J Am Coll Cardiol* 2006;48:2584-91.
98. Schaer B, Gutmann M, Brett W, Bernet F, Estlinbaum W, **Osswald S**. Grotesque fungal vegetation on pacemaker lead: a lethal complication of permanent pacing. *Int J Cardiol* 2006;106:126-7.
99. Schaer B, **Osswald S**, Sticherling C, Tartini R, Pfisterer M. Ventricular tachycardia in an ice-hockey player after a blunt chest trauma. *Int J Cardiol* 2006;114:378-9.
100. Schaer BA, Ammann P, Sticherling C, Zellweger MJ, Cron TA, **Osswald S**. Prophylactic implantable cardioverter defibrillator therapy in dilated cardiomyopathy: impact of left ventricular function. *Int J Cardiol* 2006;108:26-30.
101. Schaer BA, Sticherling C, **Osswald S**. What are the professional and logistic demands to appropriately follow patients with an implantable cardioverter-defibrillator? *J Intern Med* 2006;260:88-92.
102. Sticherling C, **Osswald S**. Implantation of a biventricular defibrillator system in a patient with persistent left and absent right superior vena cava. *Heart* 2006;92:1424.
103. Zehnder BS, Schaer BA, Jeker U, Cron TA, **Osswald S**. Atrial fibrillation: estimated excess rate of stroke due to lacking adherence to guidelines. *Swiss Med Wkly* 2006;136:757-60.
104. Blank R, Dieterle T, **Osswald S**, Sticherling C. Images in cardiovascular medicine. Wolff-Parkinson-White syndrome and atrial fibrillation in a patient with a coronary sinus diverticulum. *Circulation* 2007;115:e469-71.
105. Brunner-La Rocca HP, Kaiser C, Bernheim A, Zellweger MJ, Jeger R, Buser PT, **Osswald S**, Pfisterer M. Cost-effectiveness of drug-eluting stents in patients at high or low risk of major cardiac events in the Basel Stent KostenEffektivitäts Trial (BASKET): an 18-month analysis. *Lancet* 2007;370:1552-9.
106. Brunner-La Rocca HP, Kaiser C, Pfisterer M, (**Osswald S**, Co-Investigator). Targeted stent use in clinical practice based on evidence from the Basel Stent Cost Effectiveness Trial (BASKET). *Eur Heart J* 2007;28:719-25.

107. Conen D, Melly L, Kaufmann C, Bilz S, Ammann P, Schaer B, Sticherling C, Muller B, **Osswald S**. Amiodarone-induced thyrotoxicosis: clinical course and predictors of outcome. *J Am Coll Cardiol* 2007;49:2350-5.
108. Kuhne M, Schaer B, Kaufmann C, Moulay N, Cron T, Cueni T, Weiss P, Schindler C, Sticherling C, **Osswald S**. A randomized trial comparing two different approaches of pacemaker selection. *Europace* 2007;9:1185-90.
109. Kuhne M, Schaer B, Moulay N, Sticherling C, **Osswald S**. Holter monitoring for syncope: diagnostic yield in different patient groups and impact on device implantation. *Qjm* 2007;100:771-7.
110. Schaer B, **Osswald S**, Zellweger M, Jegge S, Sticherling C, Pfisterer M. Impact of contemporary emergency percutaneous coronary angioplasty for acute myocardial infarction on length of hospital stay. *Swiss Med Wkly* 2007;137:363-7.
111. Schaer BA, Weinbacher M, Zellweger MJ, Sticherling C, **Osswald S**. Value of VDD-pacing systems in patients with atrioventricular block: Experience over a decade. *Int J Cardiol* 2007;122:239-43.
112. Schumann J, Kiencke S, **Osswald S**, Rickenbacher P. Unusual VDD-pacing. *Europace* 2007;9:76-7.
113. Blank R, Altweg D, Boesch C, Sticherling C, Jeger R, Schaer B, **Osswald S**. Value of non-invasive hemodynamic monitoring by transthoracic impedance cardiography for CRT programming. *J Am Coll Cardiol* 2008;in process.
114. Coenen M, Malinowski K, Spitzer W, Schuchert A, Schmitz D, Anelli-Monti M, Maier SK, Estlinbaum W, Bauer A, Muehling H, Kalscheur F, Puerner K, Boergel J, **Osswald S**. Closed loop stimulation and accelerometer-based rate adaptation: results of the PROVIDE study. *Europace* 2008;10:327-33.
115. Eckstein J, Koller MT, Zabel M, Kalusche D, Schaer BA, **Osswald S**, Sticherling C. Necessity for surgical revision of defibrillator leads implanted long-term: causes and management. *Circulation* 2008;117:2727-33.
116. Koller MT, Schaer B, Wolbers M, Sticherling C, Bucher HC, **Osswald S**. Death without prior appropriate implantable cardioverter-defibrillator therapy: a competing risk study. *Circulation* 2008;117:1918-26.
117. Pfister O, Sticherling C, Schaer B, **Osswald S**. Electrical storm caused by complementary medication with Ginkgo biloba extract. *The American journal of medicine* 2008;121:e3-4.
118. Pfisterer M, Bertel O, Bonetti PO, Brunner-La Rocca HP, Eberli FR, Erne P, Galatius S, Hornig B, Kiowski W, Pacher O, Pedrazzini G, Rickli H, De Servi S, Kaiser C, (**Osswald S**, co-investigator). Drug-eluting or bare-metal stents for large coronary vessel stenting? The BASKET-PROVE (PROspective Validation Examination) trial: study protocol and design. *American heart journal* 2008;155:609-14.
119. Quesada A, Botto G, Erdogan A, Kozak M, Lercher P, Nielsen JC, Piot O, Ricci R, Weiss C, Becker D, Wetzels G, De Roy L, (**Osswald S**) CI. Managed ventricular pacing vs. conventional dual-chamber pacing for elective replacements: the PreFER MVP study: clinical background, rationale, and design. *Europace* 2008;10:321-6.
120. Sticherling C, Pfister O, **Osswald S**. Thrombo-embolic occlusion of the left anterior descending coronary artery complicating left atrial radiofrequency ablation. *Europace* 2008.
121. Zellweger MJ, Kaiser C, Brunner-La Rocca HP, Buser PT, **Osswald S**, Weiss P, Mueller-Brand J, Pfisterer ME. Value and limitations of target-vessel ischemia in predicting late clinical events after drug-eluting stent implantation. *J Nucl Med* 2008;49:550-6.
122. Altmann DR, Kuhne M, Sticherling C, **Osswald S**, Schaer BA. Use of the CHADS2 risk score to guide antithrombotic treatment in patients with atrial fibrillation--room for improvement. *Swiss Med Wkly* 2009;140:73-7.
123. Dickstein K, Bogale N, Priori S, Auricchio A, Cleland JG, Gitt A, Limbourg T, Linde C, van Veldhuisen DJ, Brugada J, (**Osswald S**, national_coordinator). The European cardiac resynchronization therapy survey. *Eur Heart J* 2009;30:2450-60.

124. Halg C, Brunner-La Rocca HP, Kaiser C, Jeger R, **Osswald S**, Pfisterer M, Hoffmann A. Early and late increased bleeding rates after angioplasty and stenting due to combined antiplatelet and anticoagulant therapy. *EuroIntervention* 2009;5:425-31.
125. Jeger RV, Schneiter S, Kaiser C, Bonetti PO, Brunner-La Rocca H, Handke M, **Osswald S**, Buser PT, Pfisterer ME. Drug-eluting stents compared with bare metal stents improve late outcome after saphenous vein graft but not after large native vessel interventions. *Cardiology* 2009;112:49-55.
126. Joerg L, Winterhalder C, Martina B, Bremerich J, **Osswald S**. Gebrochenes Herz nach TV-Explosion. *Schweiz Med Forum* 2009;9:251-52.
127. Keller DI, Grenier J, Christe G, Dubouloz F, **Osswald S**, Brink M, Ficker E, Chahine M. Characterization of novel KCNH2 mutations in type 2 long QT syndrome manifesting as seizures. *Can J Cardiol* 2009;25:455-62.
128. Kuhne M, Schaer B, **Osswald S**, Sticherling C. Superior Vena Cava Stenosis after Radiofrequency Catheter Ablation for Electrical Isolation of the Superior Vena Cava. *Pacing Clin Electrophysiol* 2009.
129. Schaer B, Sticherling C, Lyrer P, **Osswald S**. Cardiological diagnostic work-up in stroke patients - a comprehensive study of test results and therapeutical implications. *European Journal of Neurology* 2009;16:268-73.
130. Schaer BA, Koller MT, Sticherling C, Altmann D, Joerg L, **Osswald S**. Longevity of implantable cardioverter-defibrillators, influencing factors, and comparison to industry-projected longevity. *Heart Rhythm* 2009;6:1737-43.
131. Schaer BA, Maurer A, Sticherling C, Buser PT, **Osswald S**. Routine echocardiography after radiofrequency ablation: to flog a dead horse? *Europace* 2009;11:155-7.
132. Schaer BA, Schneider C, Jick SS, Conen D, **Osswald S**, Meier CR. Risk for incident atrial fibrillation in patients who receive antihypertensive drugs: a nested case-control study. *Ann Intern Med* 2009;152:78-84.
133. Steffel J, Hurlimann D, **Osswald S**, (national_coordinator). Current practice of cardiac resynchronization therapy (CRT) in the real world: insights from the European CRT survey. *Eur Heart J* 2009;30:2433-5.
134. Sticherling C, Pfister O, **Osswald S**. Thrombo-embolic occlusion of the left anterior descending coronary artery complicating left atrial radiofrequency ablation. *Europace* 2009;11:117-8.
135. Vischer A, **Osswald S**, Sticherling C, Schaer B. Outcome of patients with dilated cardiomyopathy in a contemporary Swiss population. *Acta cardiologica* 2009;64:347-50.
136. Altmann DR, Ullmer E, Rickli H, Maeder MT, Sticherling C, Schaer BA, **Osswald S**, Ammann P. Clinical impact of screening for sleep related breathing disorders in atrial fibrillation. *Int J Cardiol* 2010;154:256-8.
137. Kuhne M, Ammann P, Schaer B, Sticherling C, **Osswald S**. A delta wave in a healthy Swiss conscript: one does not always have to burn to learn. *Pacing Clin Electrophysiol* 2010;33:e93-5.
138. Kuhne M, Schaer B, Ammann P, Suter Y, **Osswald S**, Sticherling C. Cryoballoon ablation for pulmonary vein isolation in patients with paroxysmal atrial fibrillation. *Swiss Med Wkly* 2010;140:214-21.
139. Kuhne M, Suter Y, Altmann D, Ammann P, Schaer B, **Osswald S**, Sticherling C. Cryoballoon versus radiofrequency catheter ablation of paroxysmal atrial fibrillation: biomarkers of myocardial injury, recurrence rates, and pulmonary vein reconnection patterns. *Heart Rhythm* 2010;7:1770-6.
140. Reichlin T, Sticherling C, Crevoisier JL, **Osswald S**. Retrograde placement of a defibrillator lead through the pulmonary valve. *Heart Rhythm* 2010;9:315-6.

141. Schaer B, Theuns DA, Sticherling C, Szili-Torok T, **Osswald S**, Jordaens L. Effect of implantable cardioverter-defibrillator on left ventricular ejection fraction in patients with idiopathic dilated cardiomyopathy. *Am J Cardiol* 2010;106:1640-5.
142. Schaer BA, **Osswald S**, Di Valentino M, Soliman OI, Sticherling C, ten Cate FJ, Jordaens L, Theuns DA. Close connection between improvement in left ventricular function by cardiac resynchronization therapy and the incidence of arrhythmias in cardiac resynchronization therapy-defibrillator patients. *Eur J Heart Fail* 2010;12:1325-32.
143. Theuns DA, Schaer BA, Soliman OI, Altmann D, Sticherling C, Geleijnse ML, **Osswald S**, Jordaens L. The prognosis of implantable defibrillator patients treated with cardiac resynchronization therapy: comorbidity burden as predictor of mortality. *Europace* 2010;13:62-9.
144. Brunner-La Rocca HP, Rickenbacher P, Muzzarelli S, Schindler R, Maeder MT, Jeker U, Kiowski W, Leventhal ME, Pfister O, **Osswald S**, Pfisterer ME, Rickli H. End-of-life preferences of elderly patients with chronic heart failure. *Eur Heart J* 2011;33:752-9.
145. Burkard T, Kaiser CA, Brunner-La Rocca H, **Osswald S**, Pfisterer ME, Jeger RV. Combined clopidogrel and proton pump inhibitor therapy is associated with higher cardiovascular event rates after percutaneous coronary intervention: a report from the BASKET trial. *J Intern Med* 2011;271:257-63.
146. Drexler B, Heinisch C, Balmelli C, Lassus J, Siirila-Waris K, Arenja N, Socrates T, Noveanu M, Potocki M, Meune C, Haaf P, Degen C, Breidhardt T, Reichlin T, Nieminen MS, Veli-Pekka H, **Osswald S**, Mueller C. Quantifying cardiac hemodynamic stress and cardiomyocyte damage in ischemic and nonischemic acute heart failure. *Circ Heart Fail* 2011;5:17-24.
147. Kuhne M, Blank R, Schaer B, Ammann P, **Osswald S**, Sticherling C. Effects of physical exercise on cardiac dyssynchrony in patients with impaired left ventricular function. *Europace* 2011;13:839-44.
148. Kuhne M, Schaer B, Sticherling C, **Osswald S**. Holter monitoring in syncope: diagnostic yield in octogenarians. *J Am Geriatr Soc* 2011;59:1293-8.
149. Reichlin T, Irfan A, Twerenbold R, Reiter M, Hochholzer W, Burkhalter H, Bassetti S, Steuer S, Winkler K, Peter F, Meissner J, Haaf P, Potocki M, Drexler B, **Osswald S**, Mueller C. Utility of absolute and relative changes in cardiac troponin concentrations in the early diagnosis of acute myocardial infarction. *Circulation* 2011;124:136-45.
150. Reichlin T, Kuhne M, Sticherling C, **Osswald S**, Schaer B. Characterization and financial impact of implantable cardioverter-defibrillator patients without interventions 5 years after implantation. *QJM* 2011;104:849-57.
151. Rohner A, Brinkert M, Kawel N, Buechel RR, Leibundgut G, Grize L, Kuhne M, Bremerich J, Kaufmann BA, Zellweger MJ, Buser P, **Osswald S**, Handke M. Functional assessment of the left atrium by real-time three-dimensional echocardiography using a novel dedicated analysis tool: initial validation studies in comparison with computed tomography. *Eur J Echocardiogr* 2011;12:497-505.
152. Schaer B, Kuhne M, **Osswald S**, Sticherling C. Remotely Monitored Death of a Patient with Implanted ICD. *Pacing Clin Electrophysiol* 2011.
153. Schaer B, Sticherling C, Szili-Torok T, **Osswald S**, Jordaens L, Theuns DA. Impact of left ventricular ejection fraction on occurrence of ventricular events in defibrillator patients with coronary artery disease. *Europace* 2011;13:1562-7.
154. Schaub N, Reichlin T, Meune C, Twerenbold R, Haaf P, Hochholzer W, Niederhauser N, Bosshard P, Stelzig C, Freese M, Reiter M, Gea J, Buser A, Mebazaa A, **Osswald S**, Mueller C. Markers of plaque instability in the early diagnosis and risk stratification of acute myocardial infarction. *Clin Chem* 2011;58:246-56.

155. Theuns DA, Schaer BA, Soliman OI, Altmann D, Sticherling C, Geleijnse ML, **Osswald S**, Jordaens L. The prognosis of implantable defibrillator patients treated with cardiac resynchronization therapy: comorbidity burden as predictor of mortality. *Europace* 2011;13:62-9.
156. Altmann DR, Ullmer E, Rickli H, Maeder MT, Sticherling C, Schaer BA, **Osswald S**, Ammann P. Clinical impact of screening for sleep related breathing disorders in atrial fibrillation. *Int J Cardiol* 2012;154:256-8.
157. Brunner-La Rocca HP, Rickenbacher P, Muzzarelli S, Schindler R, Maeder MT, Jeker U, Kiowski W, Leventhal ME, Pfister O, **Osswald S**, Pfisterer ME, Rickli H. End-of-life preferences of elderly patients with chronic heart failure. *Eur Heart J* 2012;33:752-9.
158. Brunner-La Rocca HP, Rickenbacher P, Muzzarelli S, Schindler R, Maeder MT, Jeker U, Kiowski W, Leventhal ME, Pfister O, **Osswald S**, Pfisterer ME, Rickli H, Investigators T-C. End-of-life preferences of elderly patients with chronic heart failure. *Eur Heart J* 2012;33:752-9.
159. Burkard T, Kaiser CA, Brunner-La Rocca H, **Osswald S**, Pfisterer ME, Jeger RV, Investigators B. Combined clopidogrel and proton pump inhibitor therapy is associated with higher cardiovascular event rates after percutaneous coronary intervention: a report from the BASKET trial. *J Intern Med* 2012;271:257-63.
160. Drexler B, Heinisch C, Balmelli C, Lassus J, Siirila-Waris K, Arenja N, Socrates T, Noveanu M, Potocki M, Meune C, Haaf P, Degen C, Breidhardt T, Reichlin T, Nieminen MS, Veli-Pekka H, **Osswald S**, Mueller C. Quantifying cardiac hemodynamic stress and cardiomyocyte damage in ischemic and nonischemic acute heart failure. *Circ Heart Fail* 2012;5:17-24.
161. Frey SM, Sticherling C, Bucher U, Widmer R, Ammann P, Kuhne M, **Osswald S**, Schaer B. Long-term performance of the Medtronic Sprint Fidelis lead: a matter of lead type? *Europace* 2012;14:1620-3.
162. Gosselin-Badaroudine P, Keller DI, Huang H, Pouliot V, Chatelier A, **Osswald S**, Brink M, Chahine M. A proton leak current through the cardiac sodium channel is linked to mixed arrhythmia and the dilated cardiomyopathy phenotype. *PLoS One* 2012;7:e38331.
163. Haaf P, Drexler B, Reichlin T, Twerenbold R, Reiter M, Meissner J, Schaub N, Stelzig C, Freese M, Heinzemann A, Meune C, Balmelli C, Freidank H, Winkler K, Denhaerynck K, Hochholzer W, **Osswald S**, Mueller C. High-sensitivity cardiac troponin in the distinction of acute myocardial infarction from acute cardiac noncoronary artery disease. *Circulation* 2012;126:31-40.
164. Hitz L, Kuhne MS, Sticherling C, **Osswald S**, Schaer BA. Adjustments of heart failure medication after implantation of a cardiac resynchronization therapy defibrillator. *Minerva medica* 2012;103:361-7.
165. Kuhne M, Knecht S, Schaer B, **Osswald S**, Sticherling C. Interplay between Arrhythmias Originating in the Right Ventricular Outflow Tract and the Left Coronary Cusp. *Pacing Clin Electrophysiol* 2012.
166. Kwapiszewska G, Chwalek K, Marsh LM, Wygrecka M, Wilhelm J, Best J, Egemnazarov B, Weisel FC, **Osswald SL**, Schermuly RT, Olschewski A, Seeger W, Weissmann N, Eickelberg O, Fink L. BDNF/TrkB signaling augments smooth muscle cell proliferation in pulmonary hypertension. *The American journal of pathology* 2012;181:2018-29.
167. Meune C, Balmelli C, Twerenbold R, Reiter M, Reichlin T, Ziller R, Drexler B, Stelzig C, Freese M, Wolf C, Haaf P, **Osswald S**, Mueller C. Utility of 14 novel biomarkers in patients with acute chest pain and undetectable levels of conventional cardiac troponin. *Int J Cardiol* 2012.
168. Meune C, Reichlin T, Irfan A, Schaub N, Twerenbold R, Meissner J, Reiter M, Luthi A, Haaf P, Balmelli C, Drexler B, Winkler K, Hochholzer W, **Osswald S**, Mueller C. How safe is the outpatient management of patients with acute chest pain and mildly increased cardiac troponin concentrations? *Clin Chem* 2012;58:916-24.

169. Nietlispach F, Eckstein F, Seeberger M, **Osswald S**, Kaufmann BA, Reuthebuch O. Closure of Apical Access Site After Transapical, Transcatheter Paravalvular Leak Closure. *Can J Cardiol* 2012.
170. Potocki M, Reichlin T, Thalmann S, Zellweger C, Twerenbold R, Reiter M, Steuer S, Bassetti S, Drexler B, Stelzig C, Freese M, Winkler K, Haaf P, Balmelli C, Hochholzer W, **Osswald S**, Mueller C. Diagnostic and prognostic impact of copeptin and high-sensitivity cardiac troponin T in patients with pre-existing coronary artery disease and suspected acute myocardial infarction. *Heart* 2012;98:558-65.
171. Reichlin T, Schindler C, Drexler B, Twerenbold R, Reiter M, Zellweger C, Moehring B, Ziller R, Hoeller R, Rubini Gimenez M, Haaf P, Potocki M, Wildi K, Balmelli C, Freese M, Stelzig C, Freidank H, **Osswald S**, Mueller C. One-hour rule-out and rule-in of acute myocardial infarction using high-sensitivity cardiac troponin T. *Archives of internal medicine* 2012;172:1211-8.
172. Reichlin T, Sticherling C, Crevoisier JL, **Osswald S**. Retrograde placement of a defibrillator lead through the pulmonary valve. *Heart Rhythm* 2012;9:315-6.
173. Reichlin T, Twerenbold R, Reiter M, Steuer S, Bassetti S, Balmelli C, Winkler K, Kurz S, Stelzig C, Freese M, Drexler B, Haaf P, Zellweger C, **Osswald S**, Mueller C. Introduction of high-sensitivity troponin assays: impact on myocardial infarction incidence and prognosis. *The American journal of medicine* 2012;125:1205-13 e1.
174. Richter C, Messerschmidt S, Holeiter G, Tepperink J, **Osswald S**, Zappe A, Branschadel M, Boschert V, Mann DA, Scheurich P, Krippner-Heidenreich A. The tumor necrosis factor receptor stalk regions define responsiveness to soluble versus membrane-bound ligand. *Molecular and cellular biology* 2012;32:2515-29.
175. Schaer B, Kuhne M, **Osswald S**, Sticherling C. Remotely monitored death of a patient with implanted ICD. *Pacing Clin Electrophysiol* 2012;35:e280-3.
176. Schaub N, Reichlin T, Meune C, Twerenbold R, Haaf P, Hochholzer W, Niederhauser N, Bosshard P, Stelzig C, Freese M, Reiter M, Gea J, Buser A, Mebazaa A, **Osswald S**, Mueller C. Markers of plaque instability in the early diagnosis and risk stratification of acute myocardial infarction. *Clin Chem* 2012;58:246-56.
177. Sticherling C, Schaer B, Kuhne M, **Osswald S**. A Plea for Delivery of High-Voltage Shocks During Implantable Cardioverter-Defibrillator Replacement or System Upgrade. *Can J Cardiol* 2012.
178. Vischer AS, Sticherling C, Kuhne MS, **Osswald S**, Schaer BA. Role of Defibrillation Threshold Testing in the Contemporary Defibrillator Patient Population. *Journal of cardiovascular electrophysiology* 2012.
179. Knecht S, Kuhne M, Altmann D, Ammann P, Schaer B, **Osswald S**, Sticherling C. Anatomical Predictors for Acute and Mid-Term Success of Cryoballoon Ablation of Atrial Fibrillation Using the 28 mm Balloon. *Journal of cardiovascular electrophysiology* 2013;24:132-8.
180. Kuhne M, Knecht S, Altmann D, Ammann P, Schaer B, **Osswald S**, Sticherling C. Validation of a novel spiral mapping catheter for real-time recordings from the pulmonary veins during cryoballoon ablation of atrial fibrillation. *Heart Rhythm* 2013;10:241-6.
181. Kuhne M, Knecht S, Altmann D, Kawel N, Ammann P, Schaer B, **Osswald S**, Sticherling C. Phrenic nerve palsy during ablation of atrial fibrillation using a 28-mm cryoballoon catheter: predictors and prevention. *Journal of interventional cardiac electrophysiology : an international journal of arrhythmias and pacing* 2013;36:47-54.

Reviews / Invited Articles

1. **Osswald S**, Pfisterer M, Burkart F. [Diagnostic procedures in patients with known coronary heart disease]. *Ther Umsch* 1991;48:560-6.
2. Kiowski W, **Osswald S**. Circadian variation of ischemic cardiac events. *J Cardiovasc Pharmacol* 1993;21 Suppl 2:S45-8.
3. **Osswald S**, Trouton TG, Mc Govern BA. Letter to the Editor. *N Engl J Med* 1993;329:1967.
4. **Osswald S**, Trouton TG, O'Nunain SS, Ruskin JN. Work up and assessment of risk for sudden death: patients with cardiac arrest and documented ventricular fibrillation. In: Akhtar M, Myerburg RJ, Ruskin JN, eds. *Sudden Cardiac Death: prevalence, mechanisms and approaches to diagnosis*. Malvern, PA: Williams and Wilkins; 1994:465-87.
5. Cron TC, **Osswald S**. Implantierbare Cardioverter-Defibrillatoren (ICD): neuer Gold-Standard oder unbezahlbare High-Tech? *Der informierte Arzt; Gazette Medicale* 1996;17:759 - 64.
6. **Osswald S**. [Interventional treatment methods in atrial fibrillation]. *Schweiz Med Wochenschr* 1996;126:1732-8.
7. **Osswald S**. Letter to the Editor. *PACE* 1996;19:1659.
8. **Osswald S**, Naegeli B, Deola M, Burkart F. Can your pacemaker patient safely use a digital mobile telephone. *Cardiol Review* 1996;13:17-21.
9. **Osswald S**. [Sudden loss of consciousness: clinical presentation and pathophysiologic mechanisms]. *Ther Umsch* 1997;54:114-9.
10. **Osswald S**, Naegeli B. Dual chamber single lead pacing. *Heart* 1998;79:217-8.
11. Füllhass JU, Cron TA, **Osswald S**. [Antiarrhythmic therapy]. *Therapie bei Herzrhythmusstörungen*. *Gazette Medical* 1999;9/10: 277-81.
12. Keller DI, Cron TA, **Osswald S**. [Cardiac arrest]. *Herzstillstand*. *Gazette Medical* 1999;5-6:137-44.
13. **Osswald S**, Burckhardt D. [Arrhythmias]. *Rhythmusstörungen*. In: Gyr NE, Schoenenberger RA, Haefeli WE, eds. *Internistische Notfallsituationen*. 6 ed. Stuttgart, New York: Thieme; 1999:29-48.
14. Hilti P, Cron T, **Osswald S**. Das 'closed-loop' Sensorsystem mit intrakardialer Impedanzmessung als Parameter für die myokardiale Kontraktilität - eine Uebersicht. *Herzschrittmacher* 2000;20:345-52.
15. Kaufmann C, Cron TA, Meier C, Staub JJ, Oberholzer M, **Osswald S**. [Amiodarone-induced thyrotoxicosis]. *Amiodaron-induzierte Hyperthyreose*. *Schweiz Med Wochenschr* 2000;130:1610-7.
16. **Osswald S**. Epicardial mapping and radiofrequency catheter ablation of ischemic ventricular tachycardia using the CARTO system. *Journal of cardiovascular electrophysiology* 2000;11:495.
17. **Osswald S**. Hustensynkope bei Doxazosin Therapie. *Tägliche Praxis* 2000;41:499.
18. **Osswald S**, Schweiz ZAd. Sekundärprevention nach ischämischem Schlaganfall. *Schweiz Aerztezeitung* 2000;81:1105-15.
19. Schaer B, **Osswald S**. Methods of minimizing inappropriate implantable cardioverter-defibrillator shocks. *Curr Cardiol Rep* 2000;2:346-52.
20. Lefkovits M, Cron T, **Osswald S**. Kardiale Synkope. *Geriatric Praxis* 2001;12:34-7.
21. **Osswald S**. Plötzlicher Herztod: Risikostratifikation nach Infarkt. *Kardiovaskuläre Medizin* 2001;4:32-9.

22. Keller DI, **Osswald S**, Carrier L. Genetik der familiären hypertrophen Kardiomyopathie. *Kardiovaskuläre Medizin* 2002;5:400-6.
23. **Osswald S**, Cron TA, eds. [Arrhythmias]. Rhythmusstörungen. 7 ed. Stuttgart, New York: Thieme; 2002.
24. Balmelli N, **Osswald S**. Das Elektrokardiogramm. In: Buser P, Zerkowski HR, Osterhues HH, Brett W, **Osswald S**, Pfisterer M, eds. Empfehlungen zur Patienteninformation Kardiologie und Kardiochirurgie. Darmstadt: Steinkopff Verlag; 2003:183-4.
25. Burger PC, **Osswald S**. Das EKG in der Telemedizin. *Swiss Med Forum* 2003;27:641-3.
26. Buser P, Zerkowski HR, Osterhues HH, Brett W, **Osswald S**, Pfisterer M. Empfehlungen zur Patienteninformation. *Kardiologie und Kardiochirurgie (book)*. Darmstadt: Steinkopff Verlag; 2003.
27. Crevoisier JL, **Osswald S**. Tachykarde Arrhythmien. In: Buser P, Zerkowski HR, Osterhues HH, Brett W, **Osswald S**, Pfisterer M, eds. Empfehlungen zur Patienteninformation Kardiologie und Kardiochirurgie. Darmstadt: Steinkopff Verlag; 2003:55-8.
28. Cron T, **Osswald S**. Radiofrequenzablation. In: Buser P, Zerkowski HR, Osterhues HH, Brett W, **Osswald S**, Pfisterer M, eds. Empfehlungen zur Patienteninformation Kardiologie und Kardiochirurgie. Darmstadt: Steinkopff Verlag; 2003:201-2.
29. Domine F, **Osswald S**. Arrhythmie Mechanismen. In: Buser P, Zerkowski HR, Osterhues HH, Brett W, **Osswald S**, Pfisterer M, eds. Empfehlungen zur Patienteninformation Kardiologie und Kardiochirurgie. Darmstadt: Steinkopff Verlag; 2003:53-4.
30. Jeker U, **Osswald S**. Das Belastungs-EKG. In: Buser P, Zerkowski HR, Osterhues HH, Brett W, **Osswald S**, Pfisterer M, eds. Empfehlungen zur Patienteninformation Kardiologie und Kardiochirurgie. Darmstadt: Steinkopff Verlag; 2003:185-6.
31. Kaufmann C, **Osswald S**. Bradykarde Arrhythmien. In: Buser P, Zerkowski HR, Osterhues HH, Brett W, **Osswald S**, Pfisterer M, eds. Empfehlungen zur Patienteninformation Kardiologie und Kardiochirurgie. Darmstadt: Steinkopff Verlag; 2003:59-60.
32. Neuhaus M, **Osswald S**. Vorhofflimmern: Ursachen und Manifestationen. In: **Osswald S**, Todorov A, Rüter R, Zerkowski HR, eds. Vorhofflimmern. Darmstadt: Steinkopff Verlag; 2003:1-15.
33. **Osswald S**. Die Synkope. In: Buser P, Zerkowski HR, Osterhues HH, Brett W, **Osswald S**, Pfisterer M, eds. Empfehlungen zur Patienteninformation Kardiologie und Kardiochirurgie. Darmstadt: Steinkopff Verlag; 2003:61-4.
34. **Osswald S**. Konventionelles und elektroanatomisches Mapping (Carto). In: Buser P, Zerkowski HR, Osterhues HH, Brett W, **Osswald S**, Pfisterer M, eds. Empfehlungen zur Patienteninformation Kardiologie und Kardiochirurgie. Darmstadt: Steinkopff Verlag; 2003:203-6.
35. **Osswald S**. Elektrokonversion. In: Buser P, Zerkowski HR, Osterhues HH, Brett W, **Osswald S**, Pfisterer M, eds. Empfehlungen zur Patienteninformation Kardiologie und Kardiochirurgie. Darmstadt: Steinkopff Verlag; 2003:207-8.
36. Pfisterer M, **Osswald S**, Buser P. Invasive and medical management result in similar quality of life at 1 year in elderly people with coronary artery disease. *Evidence-based Cardiovascular Medicine* 2003;7:1119-21.
37. Schaer B, **Osswald S**. Definitiver und provisorischer Schrittmacher. In: Buser P, Zerkowski HR, Osterhues HH, Brett W, **Osswald S**, Pfisterer M, eds. Empfehlungen zur Patienteninformation Kardiologie und Kardiochirurgie. Darmstadt: Steinkopff Verlag; 2003:189-92.

38. Schaer B, **Osswald S**. Implantierbarer Cardioverter Defibrillator. In: Buser P, Zerkowski HR, Osterhues HH, Brett W, **Osswald S**, Pfisterer M, eds. Empfehlungen zur Patienteninformation Kardiologie und Kardiochirurgie. Darmstadt: Steinkopff Verlag; 2003:193-6.
39. Schaer B, **Osswald S**. Elektrophysiologische Untersuchung. In: Buser P, Zerkowski HR, Osterhues HH, Brett W, **Osswald S**, Pfisterer M, eds. Empfehlungen zur Patienteninformation Kardiologie und Kardiochirurgie. Darmstadt: Steinkopff Verlag; 2003:197-200.
40. Schär B, **Osswald S**. Holter-EKG, Telemetrie, Event-EKG. In: Buser P, Zerkowski HR, Osterhues HH, Brett W, **Osswald S**, Pfisterer M, eds. Empfehlungen zur Patienteninformation Kardiologie und Kardiochirurgie. Darmstadt: Steinkopff Verlag; 2003:187-8.
41. Kiencke S, **Osswald S**. Cardiac resynchronization therapy (CRT) - eine neue Option bei schwerer Herzinsuffizienz. Therapeut Umschau 2004;6:265-70.
42. **Osswald S**. Kommentar zum Kapitel akutes Vorhofflimmern. In: Ollenschläger G, Bucher HC, Donner-Banzhoff N, et al, eds. Kompendium Evidenzbasierte Medizin. Bern: Hans Huber; 2004: 86.
43. **Osswald S**, Brett W. Device Infections. Kardiovasc Med 2004;7:88-94.
44. Schaer B, Ammann P, **Osswald S**. Inkomplett trifaszikulärer Block. Swiss Med Forum 2004;4:1229.
45. Schaer B, Ammann P, Sticherling C, **Osswald S**. Biventrikuläre Stimulation zur kardialen Resynchronisation. The Medical Journal 2004;1:10-1.
46. Schaer B, Ammann P, Sticherling C, **Osswald S**. Möglichkeiten der Herzschrittmacherbehandlung bei schwerer Herzinsuffizienz. TMJ's best of The Medical Journal 2004;1:29-30.
47. Schaer B, Sticherling C, **Osswald S**. Indikationen für ein permanentes kardiales Pacing. Swiss Med Forum 2004;4:1133-7.
48. Schaer BA, **Osswald S**. Response to Editor: Holter Monitoring is useful. Stroke; a journal of cerebral circulation 2004.
49. Crevoisier JL, Cron T, Vontobel H, Zwicky P, Gloor H, Fuhrer J, Sztajzel J, Schläpfer J, Babotai I, Bauersfeld U, **Osswald S**. Directives 2005 concernant les contrôles de patients porteurs de stimulateurs cardiaques. Kardiovaskuläre Medizin · 2005 2005;8: 254-8.
50. Crevoisier JL, Cron T, Vontobel H, Zwicky P, Gloor H, Fuhrer J, Sztajzel J, Schläpfer J, Babotai I, Bauersfeld U, **Osswald S**. Richtlinien 2005 zur Nachkontrolle von Patienten mit implantierten Herzschrittmachern. Kardiovaskuläre Medizin · 2005 2005;8: 250-4.
51. Keller D, **Osswald S**. Right bundle branch block or Brugada Syndrome? Kardiovaskuläre Medizin 2005;8:410-11.
52. Keller DI, Linka A, Buser P, **Osswald S**. Familiäre hypertrophe Kardiomyopathie: eine komplexe, heterogene Erkrankung. Swiss Medical Forum 2005;5:75-9.
53. Keller DI, **Osswald S**, Brink M. Familiäre hypertrophe Kardiomyopathie: Genetik und molekulare Mechanismen. Swiss Medical Forum 2005;5:90-3.
54. **Osswald S**. Rapport annuel 2003 du Groupe de travail Stimulateurs cardiaques et Electrophysiologie / Jahresbericht 2003 der Arbeitsgruppe Herzschrittmacher und Elektrophysiologie. Kardiovaskuläre Medizin 2005;5:29-32.
55. Schaer B, Gutmann M, Sticherling C, **Osswald S**. Eine unklare Bretkomplextachykardie. Swiss Medical Forum 2005;5:345-6.

56. Schaer B, **Osswald S**. Braucht ein Spitzensportler einen Schrittmacher? *Kardiovaskuläre Medizin* 2005;8:64-5.
57. Schaer B, **Osswald S**. Welches Gefäss ist betroffen? *Swiss Medical Forum* 2005;5:1188.
58. Schaer B, **Osswald S**. Wie lokalisieren Sie das akzessorische Bündel beim WPW-Syndrom ? *Kardiovaskuläre Medizin* 2005;8:295-6.
59. Schaer B, **Osswald S**. Eine Rechtsschenkelblocktachykardie. *Kardiovaskuläre Medizin* 2005;8:25-6.
60. Scharf C, Schläpfer J, Sticherling C, **Osswald S**, Fuhrer J, Shah DC. Catheter ablation for atrial fibrillation: pathophysiology, techniques, results and current indications. *Kardiovaskuläre Medizin* 2005;8:53-60.
61. Martina B, **Osswald S**. Vorhofflimmern. *Ambulante Medizin; Evidenz auf einen Blick* 2006;1:116-8.
62. Nebiker-Pedrotti P, Hunziker P, Jeger R, **Osswald S**. Breitkomplex-Tachykardie am Monitor. *Kardiovaskuläre Medizin* 2006;9:37-8.
63. Sticherling C, Schaer B, Coenen M, Kuhne M, Ammann P, **Osswald S**. Cardiac resynchronization therapy in chronic heart failure. *Swiss Med Wkly* 2006;136:611-7.
64. Blank R, **Osswald S**. Kardiale Resynchronisationstherapie: Update zur CRT. *Leading opinions* 2007:26-7.
65. Blank R, **Osswald S**. Rhythmusstörungen im Alter. So gelingt auch der letzte Lebensabschnitt 'im Takt'. *Geriatric Praxis* 2007;2:11-7.
66. Bösch C, Schaer B, **Osswald S**. Progrediente Herzinsuffizienz trotz biventrikulärer Stimulation. *Kardiovaskuläre Medizin* 2007;10:111-2.
67. Keller D, Rickenbacher P, **Osswald S**. Torsades de pointes in a patient with history of epilepsy. *Kardiovaskuläre Medizin* 2007;10:34-5.
68. Blank R, **Osswald S**. Atrial Fibrillation after Surgery. *Kardiovaskuläre Medizin* 2008;11:77-82.
69. Blank R, Schaer B, Sticherling C, **Osswald S**. Wer braucht einen ICD? *Schweizerisches Medizinisches Forum* 2008;8:332-5.
70. Burckhardt U, Burla S, **Osswald S**. Kooperation in ambivalenten Strukturen - ein kardiologisches Netzwerk in der Schweiz. In: Amelung VE, Sydow J, Windeler A, eds. *Vernetzung im Gesundheitswesen - Wettbewerb und Kooperation*. Stuttgart: Kohlhammer, W.; 2008:261-74.
71. Koller M, Schaer B, Wolbers M, Sticherling C, Bucher H, **Osswald S**. Response to letter of Boriani et al re: Death without prior appropriate ICD therapy: a competing risk study *Circulation* 2008;118:e516.
72. **Osswald S**, Sticherling C, Schaer B. [Arrhythmias]. Rhythmusstörungen. In: Schifferli JA, Schoenenberger RA, Haefeli WE, eds. *Internistische Notfallsituationen*. 8 ed. Stuttgart, New York: Thieme; 2008:in press.
73. Sticherling C, Eckstein J, Koller M, Zabel M, Kalusche D, Schaer B, **Osswald S**. Response to letter of Kleemann et al re: Necessity for surgical revision of defibrillator leads implanted long-term – causes and management. *Circulation* 2008;119:e9.
74. Bucher U, Schaer B, Sticherling C, **Osswald S**. Orale Antikoagulation bei Vorhofflimmern – welche Patienten müssen oral antikoaguliert werden, welche nicht? *Swiss Med Forum* 2009;9:412-6.
75. Conen D, **Osswald S**, Albert CM. Epidemiology of atrial fibrillation. *Swiss Med Wkly* 2009;139:346-52.
76. Eckstein J, Kuhne M, **Osswald S**, Schotten U. Mapping of atrial fibrillation--basic research and clinical applications. *Swiss Med Wkly* 2009;139:496-504.
77. Kühne M, **Osswald S**. A bad memory, the interesting ECG. *Kardiovaskuläre Medizin* 2009;12:94-5.

78. **Osswald S**, Schaer B, Kuhne M, Sticherling C. No benefit from cardiac resynchronization therapy in asymptomatic patients. *J Am Coll Cardiol* 2009;53:2198; author reply -9.
79. Sticherling C, Kühne M, Schaer B, Altmann D, **Osswald S**. Remote monitoring of cardiovascular implantable electronic devices: prerequisite or luxury? *Swiss Med Wkly* 2009;139:596-601.