

List of Publications (April 2023)
Prof. Dr. med. Christian Marc Schmied

1. Original Research

- OR 1 Dvorak J, Grimm K, Schmied C, Junge A (2009) Development and implementation of a standardized precompetition medical assessment of international elite football players.
Clin J Sport Med. 19(4): 316-21
- OR 2 Thünenkötter T*, **Schmied C***, Grimm K, Dvorak J, Kindermann W (2009) Precompetition cardiac assessment of football players participating in the 2006 FIFA World Cup Germany.
Clin J Sport Med. 19(4): 322-5
**Schmied C and Thünenkötter T have contributed equally to this paper and are shared first authors*
- OR 3 **Schmied C**, Zerguini Y, Junge A, Tscholl P, Pelliccia A, Mayosi BM, Dvorak J (2009) Cardiac findings in the precompetition medical assessment of football players participating in the 2009 African Under-17 Championships in Algeria.
Br J Sports Med. 43(9): 716-21
- OR 4 Thünenkötter T*, **Schmied C***, Dvorak J, Kindermann W (2010) Benefits and limitations of cardiovascular pre-competition screening in international football.
Clin Res Cardiol. 99(1): 29-35
**Schmied C and Thünenkötter T have contributed equally to this paper and are shared first authors*
- OR 5 Wolber T, On CJ, Brunckhorst C, Schmied C, Steffel J, Lüscher TF, Duru F (2010) Patient satisfaction and clinical outcome following outpatient radiofrequency catheter ablation of supraventricular tachycardia.
Swiss Med Wkly. 140(3-4): 52-6
- OR 6 Geyer R, Predel HG, Wolber T, Mellwig KP, **Schmied C** (2011) Pre-competition cardiac screening in professional handball players - setting up at the EHF European Handball Championship 2010 in Austria.
Wien Med Wochenschr. 161(15-16): 387-93
- OR 7 Namdar M, Gebhard C, Studiger R, Shi Y, Mocharla P, Schmied C, Brugada P, Lüscher TF, Camici GG (2012) Globotriaosylsphingosine accumulation and not alpha-galactosidase-A deficiency causes endothelial dysfunction in Fabry disease.
PLoS One. 7(4): e36373
- OR 8 Moreau A, Keller DI, Huang H, Fressart V, Schmied C, Timour Q, Chahine M (2012) Mexiletine differentially restores the trafficking defects caused by two brugada syndrome mutations.
Front Pharmacol. 3: 62. doi: 10.3389/fphar.2012.00062
- OR 9 Namdar M, Steffel J, Jetzer S, Schmied C, Hürlimann D, Camici GG, Bayrak F, Ricciardi D, Rao JY, de Asmundis C, Chierchia GB, Sarkozy A, Lüscher TF, Jenni R, Duru F, Brugada P (2012) Value of electrocardiogram in the differentiation of hypertensive heart disease, hypertrophic cardiomyopathy, aortic stenosis, amyloidosis, and Fabry disease.
Am J Cardiol. 109(4): 587-93

- OR 10 Brüllmann S, Dichtl W, Paoli U, Haegeli L, Schmied C, Steffel J, Brunckhorst C, Hintringer F, Seifert B, Duru F, Wolber T (2012) Comparison of benefit and mortality of implantable cardioverter-defibrillator therapy in patients aged ≥ 75 years versus those < 75 years.
Am J Cardiol. 109(5): 712-7
- OR 11 Di Paolo FM*, **Schmied C***, Zerguini AY, Junge A, Quattrini F, Culasso F, Dvorak J, Pelliccia A (2012) The Athlete's Heart in Adolescent Africans: electrocardiographic and echocardiographic study.
J Am Coll Cardiol. 59(11): 1029-36
**Schmied C and Di Paolo FM have contributed equally to this paper and are shared first authors*
- OR 12 Bizzini M*, **Schmied C***, Junge A, Dvorak J (2012) Precompetition medical assessment of referees and assistant referees selected for the 2010 FIFA World Cup.
Br J Sports Med. 46(5):374-6
**Schmied C and Bizzini M have contributed equally to this paper and are shared first authors*
- OR 13 **Schmied C**, Notz S, Cribari M, Gähwiler R, Keller DI, Lüscher T (2012) Cardiac pre-competition screening in Swiss athletes.
Swiss Med Wkly. 142: w13575. doi: 10.4414/smw.2012.13575
- OR 14 Murer M, Schmied C, Battegay E, Keller DI (2012) Physical activity behaviour in patients with metabolic syndrome.
Swiss Med Wkly. 142: 0. doi: 10.4414/smw.2012.13691
- OR 15 Dvorak J, Grimm K, Schmied C, Junge A (2012) Feasibility of precompetition medical assessment at FIFA World Cups for female youth players.
Br J Sports Med. 46(16):1132-3
- OR 16 **Schmied C**, Drezner J, Kramer E, Dvorak J (2013) Cardiac events in football and strategies for first-responder treatment on the field.
Br J Sports Med. 47(18):1175-8
- OR 17 Schwotzer R, Kistler W, Keller DI, Wolber T, Lüscher TF, Drechsel S, **Schmied C** (2013) "On-site" prevention and education to improve cardiac pre-competition screening in competitive amateur athletes.
Swiss Med Wkly. 143:w13785. doi: 10.4414/smw.2013.13785
- OR 18 **Schmied C**, Di Paolo FM, Zerguini Y, Dvorak J, Pelliccia A (2013) Screening athletes for cardiovascular disease in Africa: A challenging but feasible experience.
Br J Sports Med. 47(9):579-84
- OR 19 Gerber PA, Thalhammer C, **Schmied C**, Spring S, Amann-Vesti B, Spinaz GA, Berneis K (2013) Small, dense LDL particles predict changes in intima media thickness and insulin resistance in men with type 2 diabetes and prediabetes--a prospective cohort study.
PLoS One. 8(8):e72763
- OR 20 Namdar M, Biaggi P, Stähli B, Büttler B, Casado-Arroyo R, Ricciardi D, Rodríguez-Mañero M, Steffel J, Hürlimann D, **Schmied C**, de Asmundis C, Chierchia GB, Sarkozy A, Lüscher TF, Jenni R, Duru F, Paulus WJ, Brugada P (2013) A novel electrocardiographic index for the diagnosis of diastolic dysfunction
PLoS One. 8(11):e79152

- OR 21 Reidt S, Namdar M, Serra A, Krayenbühl PA, Gruner C, Keller DI, Lüscher TF, **Schmied C** (2014) Disease progress in patients with Morbus Fabry after switching from agalsidase beta to agalsidase alpha. Intern Med J. 44(2):205-7
- OR 22 Ghadri JR, Kazakauskaitė E, Braunschweig S, Burger IA, Frank M, Fiechter M, Gebhard C, Fuchs TA, Templin C, Gaemperli O, Lüscher TF, **Schmied C***, Kaufmann PA* (2014) Congenital coronary anomalies detected by coronary computed tomography compared to invasive coronary angiography. BMC Cardiovasc Disord. 8;14(1):81
**Schmied C and Kaufmann PA have contributed equally to this paper and are shared last authors*
- OR 23 Nanchen D, Gencer B, Auer R, Räber L, Stefanini GG, Klingenberg R, **Schmied CM**, Cornuz J, Müller O, Vogt P, Jüni P, Matter CM, Windecker S, Lüscher TF, Mach F, Rodondi N (2015) Prevalence and management of familial hypercholesterolaemia in patients with acute coronary syndromes. Eur Heart J. 36(36):2438-45.
- OR 24 Schoenrath F, Markendorf S, Brauchlin AE, Seifert B, Wilhelm MJ, Czerny M, Riener R, Falk V, **Schmied CM** (2015) Robot-Assisted Training Early After Cardiac Surgery. J Card Surg. 30(7):574-80.
- OR 25 Schoenrath F, Markendorf S, Brauchlin AE, Frank M, Wilhelm MJ, Saleh L, Riener R, **Schmied CM**, Falk V (2015). Robot-assisted training for heart failure patients - a small pilot study. Acta Cardiol. 70(6):665-71.
- OR 26 Gräni C, Benz DC, **Schmied C**, Vontobel J, Mikulicic F, Possner M, Clerc OF, Stehli J, Fuchs TA, Pazhenkottil AP, Gaemperli O, Buechel RR, Kaufmann PA. (2017) Hybrid CCTA/SPECT myocardial perfusion imaging findings in patients with anomalous origin of coronary arteries from the opposite sinus and suspected concomitant coronary artery disease. J Nucl Cardiol.24(1):226-234.
- OR 27 Gräni C, Chappex N, Fracasso T, Vital C, Kellerhals C, **Schmied C**, Saguner AM, Trachsel LD, Eser P, Michaud K, Wilhelm M. (2016) Sports-related sudden cardiac death in Switzerland classified by static and dynamic components of exercise. Eur J Prev Cardiol. 23(11):1228-36.
- OR 28 **Schmied C**, Nowak A, Gruner C, Olinger E, Debaix H, Brauchlin A, Frank M, Reidt S, Monney P, Barbey F, Shah D, Namdar M. (2016) The value of ECG parameters as markers of treatment response in Fabry cardiomyopathy. Heart. 15;102(16):1309-14.
- OR 29 Hasler S, Manka R, Greutmann M, Gämperli O, **Schmied C**, Tanner FC, Biaggi P, Lüscher TF, Keller DI, Gruner C. (2016) Elevated high-sensitivity troponin T levels are associated with adverse cardiac remodelling and myocardial fibrosis in hypertrophic cardiomyopathy. Swiss Med Wkly. 21;146:w14285.
- OR 30 Asatryan B, Vital C, Kellerhals C, Medeiros-Domingo A, Gräni C, Trachsel LD, **Schmied CM**, Saguner AM, Eser P, Herzig D, Bolliger S, Michaud K, Wilhelm M. (2017) Sports-related sudden cardiac deaths in the young population of Switzerland. PLoS One. 28;12(3):e0174434
- OR 31 Niederseer D, Stadlmayr A, Huber-Schönauer U, Plöderl M, **Schmied C**, Lederer D, Patsch W, Aigner E, Datz C. (2017) Cardiovascular Risk and Known Coronary Artery Disease Are Associated With Colorectal Adenoma and Advanced Neoplasia. J Am Coll Cardiol. 69(18):2348-2350.

- OR 32 Gräni C, Benz DC, Steffen DA, Clerc OF, **Schmied C**, Possner M, Vontobel J, Mikulicic F, Gebhard C, Pazhenkottil AP, Gaemperli O, Hurwitz S, Kaufmann PA, Buechel RR. (2017) Outcome in middle-aged individuals with anomalous origin of the coronary artery from the opposite sinus: a matched cohort study. *Eur Heart J.* 38(25):2009-2016.
- OR 33 Bierbauer W, Inauen J, Schaefer S, Kleemeyer MM, Lüscher J, König C, Tobias R, Kliegel M, Ihle A, Zimmerli L, Holzer BM, Siebenhuener K, Battegay E, **Schmied C**, Scholz U. (2017) Health Behavior Change in Older Adults: Testing the Health Action Process Approach at the Inter- and Intraindividual Level. *Appl Psychol Health Well Being.* 9(3):324-348.
- OR 34 Berg J, Kottwitz J, Baltensperger N, Kissel CK, Lovrinovic M, Mehra T, Scherff F, **Schmied C**, Templin C, Lüscher TF, Heidecker B, Manka R. (2017) Cardiac Magnetic Resonance Imaging in Myocarditis Reveals Persistent Disease Activity Despite Normalization of Cardiac Enzymes and Inflammatory Parameters at 3-Month Follow-Up. *Circ Heart Fail.* 10(11).
- OR 35 Markendorf S, Lüscher TF, Gerds-Li JH, Schönrrath F, **Schmied C**. (2018) Clinical impact of repolarization changes in supine versus upright body position. *Cardiol J.* 25(5):589-594.
- OR 36 Gräni C, Benz DC, Steffen DA, Giannopoulos AA, Messerli M, Pazhenkottil AP, Gaemperli O, Gebhard C, **Schmied C**, Kaufmann PA, Buechel RR. (2018) Sports Behavior in Middle-Aged Individuals with Anomalous Coronary Artery from the Opposite Sinus of Valsalva. *Cardiology.* 139(4):222-230.
- OR 37 Niederseer D, Bracher I, Stadlmayr A, Huber-Schönauer U, Plöderl M, Obeid S, **Schmied C**, Hammerl S, Stickel F, Lederer D, Patsch W, Aigner E, Datz C. (2018) Association between Cardiovascular Risk and Diabetes with Colorectal Neoplasia: A Site-Specific Analysis. *J Clin Med.* 27;7(12).
- OR 38 Fitze DP, Franchi M, Popp WL, Ruoss S, Catuogno S, Camenisch K, Lehmann D, **Schmied CM**, Niederseer D, Frey WO, Flück M. (2019) Concentric and Eccentric Pedaling-Type Interval Exercise on a Soft Robot for Stable Coronary Artery Disease Patients: Toward a Personalized Protocol. *JMIR Res Protoc.* 27;8(3):e10970.
- OR 39 Rossi VA, **Schmied C**, Niebauer J, Niederseer D. (2019) Cardiovascular effects and risks of recreational alpine skiing in the elderly. *J Sci Med Sport.* pii: S1440-2440(19)30095-7.
- OR 40 Caselli S, Serdoz A, Mango F, Lemme E, Vaquer Seguí A, Milan A, Attenhofer Jost C, **Schmied C**, Spataro A, Pelliccia A. (2019) High blood pressure response to exercise predicts future development of hypertension in young athletes. *Eur Heart J.* 1;40(1):62-68.
- OR 41 Niederseer D, Gilhofer T, **Schmied C**, Steger B, Dankl C, Colvin HP, Rieder J, Neunhäuserer D, Niebauer J, Datz C. (2019) Horsepower of Doctors' Cars Correlates with Cardiovascular Risk and Sedentary Lifestyle but Not with Sexual Dysfunction or Sexual Satisfaction. *Int J Environ Res Public Health.* 31;16(11):1932.
- OR 42 Berg J, Lovrinovic M, Baltensperger N, Kissel CK, Kottwitz J, Manka R, Patriki D, Scherff F, **Schmied C**, Landmesser U, Lüscher TF, Heidecker B. (2019) Non-steroidal anti-inflammatory drug use in acute myopericarditis: 12-month clinical follow-up. *Open Heart.* 23;6(1):e000990.

- OR 43 Kahr PC, Hammerl S, Huber-Schönauer U, **Schmied CM**, Haegeli LM, Obeid S, Eder S, Bachmayer S, Aigner E, Datz C, Niederseer D. (2019) Atrial Fibrillation: A New Indicator for Advanced Colorectal Neoplasia in Screening Colonoscopy. *J Clin Med.* 23;8(7):1083.
- OR 44 Niederseer D, **Schmied C**, Niebauer J, Loidl M. (2020) GISMO - Geographical Information Support for Health Mobility - promoting active commuting as a novel option to counteract sedentary lifestyle. *Scand J Med Sci Sports.* 30 Suppl 1:5-7. doi: 10.1111/sms.13533
- OR 45 Corrado D, van Tintelen PJ, McKenna WJ, Hauer RNW, Anastatakis A, Asimaki A, Basso C, Bauce B, Brunckhorst C, Bucciarelli-Ducci C, Duru F, Elliott P, Hamilton RM, Haugaa KH, James CA, Judge D, Link MS, Marchlinski FE, Mazzanti A, Mestroni L, Pantazis A, Pelliccia A, Marra MP, Pilichou K, Platonov PGA, Protonotarios A, Rampazzo A, Saffitz JE, Saguner AM, **Schmied C**, Sharma S, Tandri H, Te Riele ASJM, Thiene G, Tsatsopoulou A, Zareba W, Zorzi A, Wichter T, Marcus FI, Calkins H; (2020) International Experts. Arrhythmogenic right ventricular cardiomyopathy: evaluation of the current diagnostic criteria and differential diagnosis. *Eur Heart J.* 7;41(14):1414-1429.
- OR 46 **Schmied C**, Loidl M, Rossi V, Fernandez La Puente de Battre MD, Reich B, Niebauer J, Niederseer D. (2020) Dose-response relationship of active commuting to work: Results of the GISMO Study. *Scand J Med Sci Sports.* 30 Suppl 1:50-58. doi: 10.1111/sms.13631
- OR 47 Kottwitz J, Bruno KA, Berg J, Salomon GR, Fairweather D, Elhassan M, Baltensperger N, Kissel CK, Lovrinovic M, Baltensweiler A, **Schmied C**, Templin C, Lima JAC, Landmesser U, Lüscher TF, Manka R, Heidecker B. (2020) Myoglobin for Detection of High-Risk Patients with Acute Myocarditis. *J Cardiovasc Transl Res* 13(5):853-863. doi: 10.1007/s12265-020-09957-8
- OR 48 Loidl M, Stutz P, Fernandez La Puente de Battre MD, **Schmied C**, Reich B, Bohm P, Sedlacek N, Niebauer J, Niederseer D. (2020) Merging self-reported with technically sensed data for tracking mobility behaviour in a naturalistic intervention study. Insights from the GISMO study. *Scand J Med Sci Sports.* 30(1):41-49.
- OR 49 Churchill TW, Groezinger E, Kim JH, Loomer G, Guseh JS, Wasfy MM, Isselbacher EM, Lewis GD, Weiner RB, **Schmied C**, Baggish AL. (2020) Association of Ascending Aortic Dilatation and Long-term Endurance Exercise Among Older Masters-Level Athletes. *JAMA Cardiol.* 26;5(5):1-10.
- OR 50 Neumeier LM, Loidl M, Reich B, Fernandez La Puente de Battre MD, Kissel CK, Templin C, **Schmied C**, Niebauer J, Niederseer D. (2020) Effects of active commuting on health-related quality of life and sickness related absence. *Scand J Med Sci Sports.* 30(1):31-40
- OR 51 Niederseer D, Wernly S, Bachmayer S, Wernly B, Bakula A, Huber-Schönauer U, Semmler G, **Schmied C**, Aigner E, Datz C. (2020) Diagnosis of Non-Alcoholic Fatty Liver Disease (NAFLD) Is Independently Associated with Cardiovascular Risk in a Large Austrian Screening Cohort. *J Clin Med.* 9(4):1065.
- OR 52 Fernandez La Puente de Battre MD, Neumeier LM, Ensslin C, Loidl M, Gräni C, **Schmied C**, Reich B, Niebauer J, Niederseer D. (2020) What it takes to recruit 77 subjects for a one-year study on active commuting. *Scand J Med Sci Sports.* 30(6):1090-1095.

- OR 53 Schäfer C, Mayr B, Fernandez La Puente de Battre MD, Reich B, **Schmied C**, Loidl M, Niederseer D, Niebauer J. (2020) Health effects of active commuting to work: the available evidence before GISMO. Scand J Med Sci Sports. 1(1) :8-14
- OR 54 Sareban M, Dolores Fernandez La Puente de Batre M, Reich B, **Schmied C**, Loidl M, Niederseer D, Niebauer J. (2020) Effects of active commuting to work for 12 months on cardiovascular risk factors and body composition. Scand J Med Sci Sports. 1(1):24-30
- OR 55 Reich B, Niederseer D, Loidl M, Fernandez La Puente de Batre MD, Rossi VA, Zagel B, Caselli S, **Schmied C**, Niebauer J. (2020) Effects of active commuting on cardiovascular risk factors: GISMO a randomized controlled feasibility study. Scand J Med Sci Sports. 1(1):15-23.
**Schmied C and Niebauer J have contributed equally to this paper and are shared last authors*
- OR 56 Patriki D, Baltensperger N, Berg J, Cooper LT, Kissel CK, Kottwitz J, Lovrinovic M, Manka R, Scherff F, **Schmied C**, Tanner FC, Luescher TF, Heidecker B. (2020) A Prospective Pilot Study to Identify a Myocarditis Cohort who may Safely Resume Sports Activities 3 Months after Diagnosis. J Cardiovasc Transl Res. 14(4):670-673.
- OR 57 Bohm P, Scharhag J, Egger F, Tischer KH, Niederseer D, **Schmied C**, Meyer T. (2020) Sports-Related Sudden Cardiac Arrest in Germany. Can J Cardiol. 23:S0828-282X(20)30276-2.
- OR 58 D'Ascenzi F, Anselmi F, Mondillo S, Finocchiaro G, Caselli S, Garza MS, **Schmied C**, Adami PE, Galderisi M, Adler Y, Pantazis A, Niebauer J, Heidbuchel H, Papadakis M, Dendale P. (2020) The use of cardiac imaging in the evaluation of athletes in the clinical practice: A survey by the Sports Cardiology and Exercise Section of the European Association of Preventive Cardiology and University of Siena, in collaboration with the European Association of Cardiovascular Imaging, the European Heart Rhythm Association and the ESC Working Group on Myocardial and Pericardial Diseases. Eur J Prev Cardiol. 12:2047487320932018.
- OR 59 Churchill TW, Petek BJ, Wasfy MM, Guseh JS, Weiner RB, Singh TK, **Schmied C**, O'Malley H, Chiampas G, Baggish AL. (2020) Cardiac Structure and Function in Elite Female and Male Soccer Players. JAMA Cardiol. 6(3):316-324.
- OR 60 Gasser B, Fitze D, Franchi M, Frei A, Niederseer D, **Schmied CM**, Catuogno S, Frey W, Flück M. (2020) The Cardiovascular Response to Interval Exercise Is Modified by the Contraction Type and Training in Proportion to Metabolic Stress of Recruited Muscle Groups. Sensors. 21(1):173.
- OR 61 Albiński M, Saubade M, Benaim C, Menafoglio A, Meyer P, Capelli B, Perrin T, Trachsel L, Hagemeyer D, Casagrande D, Wilhelm M, Pirrello T, Albrecht S, **Schmied C**, Mivelaz Y, Tercier S, Baggish A, Gabus V. (2021) Impact of early sports specialisation on paediatric ECG. Scand J Med Sci Sports. 31(6):1335-1341.
- OR 62 Rossi VA, Niederseer D, Sokolska JM, Kovacs B, Costa S, Gasperetti A, Brunckhorst C, Akdiz D, Tanner FC, Duru F, **Schmied C**, Sagunar AM. (2021) A Novel Diagnostic Score Integrating Atrial Dimensions to Differentiate between the Athlete's Heart and Arrhythmogenic Right Ventricular Cardiomyopathy. J Clin Med 10(18):4049
**Schmied C and Sagunar AM have contributed equally to this paper and are shared last authors*
- OR 63 Ensslin C, Berg J, Hermes-Laufer J, Keller LS, Niederseer D, Pazhenkottil A, von

- Känel R, **Schmied C**. (2021) Depressive symptoms in patients after primary and secondary prophylactic ICD implantation. *Clin Res Cardiol* doi: 10.1007/s00392-021-01940-w. Online ahead of print.
- OR 64 Niederseer D, Walser R, Schmied C, Dela F, Gräni C, Bohm P, Müller E, Niebauer J. (2021) Effects of a 12-week recreational skiing program on cardio-pulmonary fitness in the elderly: Results from the Salzburg Skiing in the Elderly Study (SASES). *Int. J. Environ. Res. Public Health* 18(21):11378
- OR 65 Mazaheri, R.; Sadeghian, M.; Nazarieh, M.; Niederseer, D.; Schmied, C. (2021) Performance of Heart Failure Patients with Severely Reduced Ejection Fraction during Cardiopulmonary Exercise Testing on Treadmill and Cycle Ergometer; Similarities and Differences. *Int. J. Environ. Res. Public Health*. 18(24), 12958.
- OR 66 Caselli S, Cicconetti M, Niederseer D, **Schmied C**, Jost CA, Pelliccia A. (2021) Left ventricular hypertrophy in athletes, a case-control analysis of interindividual variability. *Int J Cardiol*. 348:157-162.
- OR 67 Albiński M, Saubade M, Menafoglio A, Meyer P, Capelli B, Perrin T, Trachsel L, Hagemeyer D, Casagrande D, Wilhelm M, Benaim C, Pirrello T, Albrecht S, Schmied C, Mivelaz Y, Tercier S, Baggish A, Gabus V. (2022) Diagnostic yield and cost analysis of electrocardiographic screening in Swiss paediatric athletes. *J Sci Med Sport*. ;25(4):281-286.
- OR 68 Albiński M, Balmer C, Wilhelm M, Meyer P, Gass M, Schmied C, Menafoglio A, Kriemler S, Mivelaz Y, Stambach D, Saubade M, Gremeaux V, Gojanovic B, Brugada J, Baggish A, Gabus V. (2022) Paediatric and adolescent athletes in Switzerland: age-adapted proposals for pre-participation cardiovascular evaluation. *Swiss Med Wkly*. 152:w30128.
- OR 69 Bohm P, Meyer T, Narayanan K, Schindler M, Weizman O, Beganton F, **Schmied C**, Bougouin W, Barra S, Dumas F, Varenne O, Cariou A, Karam N, Jouven X, Marijon E. *Europace*. 2023 Feb 16;25(2):627-633
- OR 70 Gülan U, Rossi VA, Gotschy A, Saguner AM, Manka R, Brunckhorst CB, Duru F, **Schmied CM**, Niederseer D. A comparative study on the analysis of hemodynamics in the athlete's heart. *Sci Rep*. 2022 Oct 5;12(1):16666
- OR 71 Huwiler S, Carro Dominguez M, Huwyler S, Kiener L, Stich FM, Sala R, Aziri F, Trippel A, **Schmied C**, Huber R, Wenderoth N, Lustenberger C. Effects of auditory sleep modulation approaches on brain oscillatory and cardiovascular dynamics. *Sleep*. 2022 Sep 8;45(9):zsac155.
- OR 72 Fässler C, Sinha T, **Schmied CM**, Goldhahn J, Kapur M. Problem-solving in virtual environment simulations prior to direct instruction for differential diagnosis in medical education: An experimental study. *MedEdPublish* (2016). 2023 Jan 23;12:61.
- OR 73 Tessitore E, Schmid JP, Hermann M, **Schmied C**, Wilhelm M, Meyer P; Working Group for Cardiovascular Prevention, Rehabilitation and Sports Cardiology (SCPRS). Cardiovascular Rehabilitation Delivery and Outcomes in Switzerland in More Than a Hundred Thousand Patients Over the Last Decade. *J Cardiopulm Rehabil Prev*. 2023 Mar 2. doi: 10.1097/HCR.0000000000000776. Online ahead of print.
- OR 74 Pichler EM, Ploederl M, Rainer L, Gilhofer TS, Michel J, van der Stouwe JG, Luescher TF, **Schmied CM**, Kawohl W, Kronschnabel J, Niederseer D. Alive and kicking: suicide rates and major soccer events in Austria, Germany and

2. Reviews

- RV 1 Corrado D, Schmied C, Basso C, Borjesson M, Schiavon M, Pelliccia A, Vanhees L, Thiene G (2011) Risk of sports: do we need a pre-participation screening for competitive and leisure athletes?
Eur Heart J 32(8): 934-44
- RV 2 Schmied C (2011) Refuting the 'paradox of sports'.
Eur Heart J 32(16): 1954-5
- RV 3 Schmied C, Dvorak J (2010) Football is the most important unimportant thing in the world.
Eur Heart J 31(12): 1425-7
- RV 4 Schmied C (2009) After a game is before another game – Sports Medicine and Cardiology revisited.
Cardiovascular Medicine 12(6): 177–178
- RV 5 Pelliccia A, Borjesson M, Villiger B, Di Paolo F, Schmied C. (2011) Incidence and etiology of sudden cardiac death in young athletes.
Schweizerische Zeitschrift für Sportmedizin und Sporttraumatologie. 59(2): 74-78
- RV 6 Notz S, Lüscher TF, Schmied C (2011) Kardiale Vorsorgeuntersuchungen bei Sportlern in der Schweiz – Eine Standortbestimmung 2011
Schweizerische Zeitschrift für Sportmedizin und Sporttraumatologie. 59(2): 90-95
- RV 7 Wilhelm M, Kellerhals C, Bolliger S, Schmied C, Wyler D, Nagel R, Bartsch C, Saner H, Michaud C (2011) Swissregard.ch – a prospective registry on sudden death and aborted sudden cardiac death in Swiss athletes.
Schweizerische Zeitschrift für Sportmedizin und Sporttraumatologie. 59(2): 96-98
- RV 8 Zurek M, Schmied C, Fontana P, Studer I (2012) Clinical assessment of exertion intolerance and stress dyspnea with spiroergometry.
Praxis. 101(4): 217-26
- RV 9 Mikulicic F, Schmied C, Georgi A (2012) Palpitationen.
Praxis 101(8): 505-14
- RV 10 Schwotzer R, Schmied C (2012) Pre-Participation Screening in Patients with known Heart Disease.
Cardiovascular Medicine 15(6): 186-192
- RV 11 Drezner JA, Ackerman MJ, Anderson J, Ashley E, Asplund CA, Baggish AL, Börjesson M, Cannon BC, Corrado D, Difiori JP, Fischbach P, Froelicher V, Harmon KG, Heidbuchel H, Marek J, Owens DS, Paul S, Pelliccia A, Prutkin JM, Salerno JC, Schmied CM, Sharma S, Stein R, Vetter VL, Wilson MG (2013) Electrocardiographic interpretation in athletes: the 'Seattle Criteria'.
Br J Sports Med 47(3):122-4.

- RV 12 Drezner JA, Fischbach P, Froelicher V, Marek J, Pelliccia A, Prutkin JM, Schmied CM, Sharma S, Wilson MG, Ackerman MJ, Anderson J, Ashley E, Asplund CA, Baggish AL, Börjesson M, Cannon BC, Corrado D, Difiori JP, Harmon KG, Heidbuchel H, Owens DS, Paul S, Salerno JC, Stein R, Vetter VL (2013) Normal electrocardiographic findings: recognising physiological adaptations in athletes.
Br J Sports Med 47(3):125-36.
- RV 13 Drezner JA, Ackerman MJ, Cannon BC, Corrado D, Heidbuchel H, Prutkin JM, Salerno JC, Anderson J, Ashley E, Asplund CA, Baggish AL, Börjesson M, Difiori JP, Fischbach P, Froelicher V, Harmon KG, Marek J, Owens DS, Paul S, Pelliccia A, Schmied CM, Sharma S, Stein R, Vetter VL, Wilson MG (2013) Abnormal electrocardiographic findings in athletes: recognising changes suggestive of primary electrical disease.
Br J Sports Med 47(3):153-67.
- RV 14 Drezner JA, Ashley E, Baggish AL, Börjesson M, Corrado D, Owens DS, Patel A, Pelliccia A, Vetter VL, Ackerman MJ, Anderson J, Asplund CA, Cannon BC, Difiori J, Fischbach P, Froelicher V, Harmon KG, Heidbuchel H, Marek J, Paul S, Prutkin JM, Salerno JC, Schmied CM, Sharma S, Stein R, Wilson M (2013) Abnormal electrocardiographic findings in athletes: recognising changes suggestive of cardiomyopathy.
Br J Sports Med 47(3):137-52.
- RV 15 Schmied C, Brunckhorst C, Duru F, Haegeli L (2013) Exercise Testing for Risk Stratification of Ventricular Arrhythmias in the Athlete.
Card Electrophysiol Clin 5:53–64
- RV 16 La Gerche A, Schmied C (2013) Atrial fibrillation and the interplay between exercise and health.
Eur Heart J. 34(47):3599-602
- RV 17 Dvorak J, Kramer EB, Schmied CM, Drezner JA, Zideman D, Patricios J, Correia L, Pedrinelli A, Mandelbaum B (2013) The FIFA medical emergency bag and FIFA 11 steps to prevent sudden cardiac death: setting a global standard and promoting consistent football field emergency care.
Br J Sports Med. 2013 Dec;47(18):1199-202
- RV 18 Schmied C, Borjesson M (2014) Sudden cardiac death in athletes.
J Intern Med. 2014 Feb;275(2):93-103
- RV 19 Drezner JA, Dvorak J, Kramer EB, Mandelbaum B, Patricios J, Pedrinelli LF, Schmied C, Zideman D The FIFA® 11 Steps to prevent sudden cardiac death during football games.
Eur Heart J. 2013 Dec;34(47):3594-5
- RV 20 Schmied C. 'Paracelcus' rediscovered: searching for the right dose of physical training. Open Heart. 2014 Feb 25;1(1):e000027
- RV 21 Schmied C. Sports cardiology - a general practice oriented update. Praxis (Bern 1994). 2014 Aug 6;103(16):945-53
- RV 22 Kramer E, Dvorak J, Schmied C, Meyer T. (2015) F-MARC: Promoting the Prevention and Management of Sudden Cardiac Arrest in Football
Br J Sports Med. 49(9):597-8.

- RV 23 Schmied C. (2015) Improvement of cardiac screening in amateur athletes
J Electrocardiol. 48(3):351-5.
- RV 24 Corrado D, Wichter T, Link MS, Hauer R, Marchlinski F, Anastasakis A, Bauce B, Basso C, Brunckhorst C, Tsatsopoulou A, Tandri H, Paul M, Schmied C, Pelliccia A, Duru F, Protonotarios N, Estes NM 3rd, McKenna WJ, Thiene G, Marcus FI, Calkins H. (2015) Treatment of arrhythmogenic right ventricular cardiomyopathy/dysplasia: an international task force consensus statement. Eur Heart J. 36(46):3227-37
- RV 25 Corrado D, Wichter T, Link MS, Hauer RN, Marchlinski FE, Anastasakis A, Bauce B, Basso C, Brunckhorst C, Tsatsopoulou A, Tandri H, Paul M, Schmied C, Pelliccia A, Duru F, Protonotarios N, Estes NM 3rd, McKenna WJ, Thiene G, Marcus FI, Calkins H. (2015) Treatment of Arrhythmogenic Right Ventricular Cardiomyopathy/Dysplasia: An International Task Force Consensus Statement. Circulation. 132(5):441-53.
- RV 26 Schmied C. (2016) The FIFA Diploma in Football Medicine. Eur Heart J. 37(47):3493.
- RV 27 Niederseer D, Niebauer J, **Schmied C.** (2016) Exercise at the Extremes. J Am Coll Cardiol. 67(24):2910-1.
- RV 28 Corrado D, Wichter T, Link MS, Hauer R, Marchlinski F, Anastasakis A, Bauce B, Basso C, Brunckhorst C, Tsatsopoulou A, Tandri H, Paul M, **Schmied C**, Pelliccia A, Duru F, Estes NA 3rd, McKenna WJ, Thiene G, Marcus FI, Calkins H. (2016) Response to Letter Regarding Article, "Treatment of Arrhythmogenic Right Ventricular Cardiomyopathy/Dysplasia: An International Task Force Consensus Statement". Circulation. 133(11):e437-8.
- RV 29 Sharma S, Drezner JA, Baggish A, Papadakis M, Wilson MG, Prutkin JM, La Gerche A, Ackerman MJ, Borjesson M, Salerno JC, Asif IM, Owens DS, Chung EH, Emery MS, Froelicher VF, Heidbuchel H, Adamuz C, Asplund CA, Cohen G, Harmon KG, Marek JC, Molossi S, Niebauer J, Pelto HF, Perez MV, Riding NR, Saarel T, **Schmied CM**, Shipon DM, Stein R, Vetter VL, Pelliccia A, Corrado D. (2018) International recommendations for electrocardiographic interpretation in athletes. Eur Heart J. 39(16):1466-1480.
- RV 30 Drezner JA, Sharma S, Baggish A, Papadakis M, Wilson MG, Prutkin JM, Gerche A, Ackerman MJ, Borjesson M, Salerno JC, Asif IM, Owens DS, Chung EH, Emery MS, Froelicher VF, Heidbuchel H, Adamuz C, Asplund CA, Cohen G, Harmon KG, Marek JC, Molossi S, Niebauer J, Pelto HF, Perez MV, Riding NR, Saarel T, **Schmied CM**, Shipon DM, Stein R, Vetter VL, Pelliccia A, Corrado D. (2017) International criteria for electrocardiographic interpretation in athletes: Consensus statement. Br J Sports Med. 51(9):704-731.
- RV 31 Sharma S, Drezner JA, Baggish A, Papadakis M, Wilson MG, Prutkin JM, La Gerche A, Ackerman MJ, Borjesson M, Salerno JC, Asif IM, Owens DS, Chung EH, Emery MS, Froelicher VF, Heidbuchel H, Adamuz C, Asplund CA, Cohen G, Harmon KG, Marek JC, Molossi S, Niebauer J, Pelto HF, Perez MV, Riding NR, Saarel T, **Schmied CM**, Shipon DM, Stein R, Vetter VL, Pelliccia A, Corrado D. (2017) International Recommendations for Electrocardiographic Interpretation in Athletes. J Am Coll Cardiol. 69(8):1057-1075.
- RV 32 Pelliccia A, Caselli S, Sharma S, Basso C, Bax JJ, Corrado D, D'Andrea A, D'Ascenzi F, Di Paolo FM, Edvardsen T, Gati S, Galderisi M, Heidbuchel H, Nchimi A, Nieman K, Papadakis M, Pisicchio C, **Schmied C**, Popescu BA, Habib G, Grobbee D, Lancellotti P. (2018) Internal reviewers for EAPC and EACVI. European Association

of Preventive Cardiology (EAPC) and European Association of Cardiovascular Imaging (EACVI) joint position statement: recommendations for the indication and interpretation of cardiovascular imaging in the evaluation of the athlete's heart. *Eur Heart J.* 39(21):1949-1969.

- RV 33 Lustenberger C, Sarikaya H, **Schmied C**, Frese S. (2018) Moderne Rehabilitation. *Praxis (Bern 1994).* 107(4):199-202.
- RV 34 Rossi VA, **Schmied C**, Niederseer D. (2018) Sports in patients with heart disease: What should be recommended? *Praxis (Bern 1994).* 107(11):585-591.
- RV 35 Borjesson M, Dellborg M, Niebauer J, LaGerche A, **Schmied C**, Solberg EE, Halle M, Adami E, Biffi A, Carré F, Caselli S, Papadakis M, Pressler A, Rasmusen H, Serratoso L, Sharma S, van Buuren F, Pelliccia A. (2019) Recommendations for participation in leisure time or competitive sports in athletes-patients with coronary artery disease: a position statement from the Sports Cardiology Section of the European Association of Preventive Cardiology (EAPC). *Eur Heart J.* 40(1):13-18.
- RV 36 **Schmied C**. (2018) Exercise and sports in the therapy of chronic diseases – Coronary Heart Disease. *Praxis (Bern 1994).* 107(17-18):959-964.
- RV 37 Niebauer J, Börjesson M, Carre F, Caselli S, Palatini P, Quattrini F, Serratoso L, Adami PE, Biffi A, Pressler A, **Schmied C**, van Buuren F, Panhuyzen-Goedkoop N, Solberg E, Halle M, La Gerche A, Papadakis M, Sharma S, Pelliccia A. (2018) Recommendations for participation in competitive sports of athletes with arterial hypertension: a position statement from the sports cardiology section of the European Association of Preventive Cardiology (EAPC). *Eur Heart J.* 39(40):3664-3671.
- RV 38 **Schmied C**. (2018) Cardiac rehabilitation works: But it should be tailored individually, started early, and followed for a lifetime. *Eur Heart J.* 40(8):686-688.
- RV 39 Pelliccia A, Solberg EE, Papadakis M, Adami PE, Biffi A, Caselli S, La Gerche A, Niebauer J, Pressler A, **Schmied C**, Serratoso L, Halle M, Van Buuren F, Borjesson M, Carré F, Panhuyzen-Goedkoop NM, Heidbuchel H, Olivotto I, Corrado D, Sinagra G, Sharma S. (2019) Recommendations for participation in competitive and leisure time sport in athletes with cardiomyopathies, myocarditis, and pericarditis: position statement of the Sport Cardiology Section of the European Association of Preventive Cardiology (EAPC). *Eur Heart J.* 40(1):19-33.
- RV 40 Niebauer J, Börjesson M, Carre F, Caselli S, Palatini P, Quattrini F, Serratoso L, Adami PE, Biffi A, Pressler A, Rasmusen HK, **Schmied C**, van Buuren F, Panhuyzen-Goedkoop N, Solberg EE, Halle M, Gerche A, Papadakis M, Sharma S, Pelliccia A. (2019) Brief recommendations for participation in competitive sports of athletes with arterial hypertension: Summary of a Position Statement from the Sports Cardiology Section of the European Association of Preventive Cardiology (EAPC). *Eur J Prev Cardiol.* 26(14):1549-1555.
- RV 41 Borjesson M, Dellborg M, Niebauer J, LaGerche A, **Schmied C**, Solberg EE, Halle M, Adami PE, Biffi A, Carré F, Caselli S, Papadakis M, Pressler A, Rasmusen H, Serratoso L, Sharma S, van Buuren F, Pelliccia A. (2020) Brief recommendations for participation in leisure time or competitive sports in athletes-patients with coronary artery disease: Summary of a Position Statement from the Sports Cardiology Section of the European Association of Preventive Cardiology (EAPC). *Eur J Prev Cardiol.* 27(7):770-776.
- RV 42 Bhatia RT, Marwaha S, Malhotra A, Iqbal Z, Hughes C, Börjesson M, Niebauer J,

- Pelliccia A, **Schmied C**, Serratoso L, Papadakis M, Sharma S. (2020) Exercise in the Severe Acute Respiratory Syndrome Coronavirus-2 (SARS-CoV-2) era: A Question and Answer session with the experts Endorsed by the section of Sports Cardiology & Exercise of the European Association of Preventive Cardiology (EAPC). *Eur J Prev Cardiol.* 27(12):1242-1251
- RV 43 Niederseer D, **Schmied C**. (2020) Socioeconomic status matters: How can we individualize cardiac rehabilitation according to different socioeconomic needs? *Eur J Prev Cardiol.* 2047487320931309. doi: 10.1177/2047487320931309. Online ahead of print
- RV 44 Corrado D, Perazzolo Marra M, Zorzi A, Beffagna G, Cipriani A, Lazzari M, Migliore F, Pilichou K, Rampazzo A, Rigato I, Rizzo S, Thiene G, Anastasakis A, Asimaki A, Bucciarelli-Ducci C, Haugaa KH, Marchlinski FE, Mazzanti A, McKenna WJ, Pantazis A, Pelliccia A, **Schmied C**, Sharma S, Wichter T, Bauce B, Basso C. (2020) Diagnosis of arrhythmogenic cardiomyopathy: The Padua criteria. *Int J Cardiol.* 319:106-114.
- RV 45 Niederseer D, Rossi VA, Kissel C, Scherr J, Caselli S, Tanner FC, Bohm P, **Schmied C**. (2020) Role of echocardiography in screening and evaluation of athletes. *Heart.* 2020 Nov 17:heartjnl-2020-317996. doi: 10.1136/heartjnl-2020-317996. Online ahead of print
- RV 46 Eichhorn C, Bière L, Schnell F, **Schmied C**, Wilhelm M, Kwong RY, Gräni C. (2020) Myocarditis in Athletes Is a Challenge: Diagnosis, Risk Stratification, and Uncertainties. *JACC Cardiovasc Imaging.* 13(2 Pt 1):494-507.
- RV 47 Niederseer D, **Schmied C**. (2021) It is not all about mortality. *Heart.* heartjnl-2020-318918. doi: 10.1136/heartjnl-2020-318918. Online ahead of print.
- RV 48 van Buuren F, Gati S, Sharma S, Papadakis M, Adami PE, Niebauer J, Pelliccia A, Rudolph V, Börjesson M, Carre F, Solberg E, Heidbuchel H, Caselli S, Corrado D, Serratoso L, Biffi A, Pressler A, **Schmied C**, Panhuyzen-Goedkoop NM, Rasmussen HK, La Gerche A, Faber L, Bogunovic N, D'Ascenzi F, Mellwig KP. (2021) Athletes with valvular heart disease and competitive sports: a position statement of the Sport Cardiology Section of the European Association of Preventive Cardiology. *Eur J Prev Cardiol.* zwab058. doi: 10.1093/eurjpc/zwab058. Online ahead of print.
- RV 49 Rossi VA, **Schmied C**. (2021) CHEERs to cardiopulmonary reference values for endurance athletes. *Eur J Prev Cardiol.* doi: 10.1093/eurjpc/zwab153. Online ahead of print.
- RV 50 Mazaheri R, **Schmied C**, Niederseer D, Guazzi M. (2021) Cardiopulmonary Exercise Test Parameters in Athletic Population: A Review. *J Clin Med.* 10(21):5073.
- RV 51 Schweiger V, Niederseer D, **Schmied C**, Attenhofer-Jost C, Caselli S. (2021) Athletes and Hypertension. *Curr Cardiol Rep.* 23(12):176.
- RV 52 Carrard J, Gallart-Ayala H, Weber N, Colledge F, Streese L, Hanssen H, **Schmied C**, Ivanisevic J, Schmidt-Trucksäss. (2021) How Ceramides Orchestrate Cardiometabolic Health-An Ode to Physically Active Living. *Metabolites.* 11(10):675.
- RV 53 Würzburger L, Wiech P, Rossi VA, Neunhäuserer D, Caselli S, **Schmied CM**, Niederseer D. Hypertensive Response to Exercise in Athletes: Unremarkable Finding or Relevant Marker for Future Cardiovascular Complications? *Int J Hypertens.* 2022 Nov 1;2022:8476751.

- RV 54 [Non-steroidal Anti-inflammatory Drugs and Cardiovascular Risk]. **Schmied C.**Praxis (Bern 1994). 2023 Jan;112(1):16-21. doi: 10.1024/1661-8157/a003948.PMID:36597690 German.
- RV 55 Ghidoni C, Kruzik M, Rossi VA, Caselli S, **Schmied CM**, Niederseer D. Definitions for Hypertensive Response to Exercise. *Cardiol Rev.* 2022 Dec 5. doi: 10.1097/CRD.0000000000000506. Online ahead of print.
- RV 56 Wiech P, Würzburger L, Rossi VA, Caselli S, **Schmied CM**, Niederseer D. Hypertensive response to exercise, hypertension and heart failure with preserved ejection fraction (HFpEF)-a continuum of disease? *Wien Klin Wochenschr.* 2023 Apr 17. doi: 10.1007/s00508-023-02195-3. Online ahead of print.

3. Book Chapters

- BC 1 Schmied C, Lüscher T (2009) General medical assessment and cardiac examination. In F-MARC Football Medicine Manual, 2nd Edition, pp 47-57, Academic Press: Zurich (Switzerland)
- BC 2 Schmied C, Lüscher T (2009) Prevention of Sudden Cardiac Death. In F-MARC Football Medicine Manual, 2nd Edition, pp 102-108, Academic Press: Zurich (Switzerland)
- BC 3 Schmied C (2011) Medizinische Abklärungen. In Module Innere Medizin (Herz-Kreislauf), pp 8-22, Academic Press: Würzburg (Germany)
- BC 4 Current Concepts in Arrhythmogenic Right Ventricular Cardiomyopathy / Dysplasia. Cardiotext Publishing Verlag. August 2014
- BC 5 Schmied C (2014) Medizinische Abklärungen. In Module Innere Medizin (Herz-Kreislauf), pp 9-29, 103-121, Academic Press: Würzburg (Germany)
- BC 6 Schmied C (2015) Football Emergency Medicine Manual, 2nd Edition, Academic Press: galledia ag (Switzerland)
- BC 7 **Schmied C**, Wilhelm M. (2020) Athlete's Heart: Basic Physiology and Adaptation to Exercise. Medical evaluation of athletes: Exercise testing. In: Pressler A, Niebauer J. Textbook of Sports Cardiology, Springer 2020, 29-51
- BC 8 Rasmussen HK, **Schmied C.** (2020) Medical Evaluation of Athletes: Medical History and Physical Examination. In: Pressler A, Niebauer J. Textbook of Sports Cardiology, Springer 2020, 95-111

4. Masterarbeiten und Dissertationen

Betreuung und Leitung von 12 Masterarbeiten und Dissertationen