

PUBLIKATIONSLISTE

Prof. Dr. med. Matthias Greutmann

1. Peer-reviewed original research articles

1. Ruperti-Repilado FJ, Haag N, Fischer T, Lopes BS, Meier L, Wustmann K, Bonassin F, Jost CA, Schwitz F, Schwerzmann M, Tobler D, Felten SV, **Greutmann M**. Impact of pulmonary valve replacement on ventricular function and cardiac events in patients with tetralogy of Fallot. A retrospective cohort study. *Rev Esp Cardiol (Engl Ed)*. 2023 Dec 2:S1885-5857(23)00332-8. doi: 10.1016/j.rec.2023.11.007.
2. Van Hemelrijck M, Sromicki J, Frank M, **Greutmann M**, Ledergerber B, Epprecht J, Padrutt M, Vogt PR, Carrel TP, Dzemali O, Mestres CA, Hasse B. Dismal prognosis of patients with operative indication without surgical intervention in active left-sided infective endocarditis. *Front Cardiovasc Med*. 2023 Aug 24;10:1223878. doi: 10.3389/fcvm.2023.1223878.
3. Naef N, Hottinger SJ, Schlosser L, **Greutmann M**, Latal B, O'Gorman RT. Association of cerebellar volume with cognitive and motor function in adults with congenital heart disease. *Neurol Sci*. 2023 Jun 23. doi: 10.1007/s10072-023-06861-2.
4. **Greutmann M**, Tobler D, Engel R, Heg D, Mueller C, Frenk A, Gabriel H, Rutz T, Buechel RR, Wilhelm M, Trachsel L, Freese M, Ruperti-Repilado FJ, Valsangiacomo Buechel E, Beitzke D, Haaf P, Wustmann K, Schwitz F, Possner M, Schwitter J, Bouchardy J, Schwerzmann M; SERVE Investigators. Effect of phosphodiesterase-5 inhibition on SystEmic Right VEentricular size and function - A multicentre, double-blind, randomized, placebo-controlled trial - SERVE. *Eur J Heart Fail*. 2023 Jun 1. doi: 10.1002/ejhf.2924.
5. Bütikofer S, Greutmann-Yantiri M, Gubler C, Reiner C, Alkadhi H, Pfammatter T, Puippe G, Santos Lopes B, Possner M, Bonassin F, Meier L, Babic D, Attenhofer Jost C, Jüngst C, Müllhaupt B, Bernsmeier C, Schwerzmann M, Tobler D, Lenggenhager D, Marques Maggio E, **Greutmann M**. Determinants of advanced liver fibrosis in adult patients after Fontan-palliation: Usefulness of ultrasound transient elastography. *Can J Cardiol*. 2023 Apr 26:S0828-282X(23)00367-7. doi: 10.1016/j.cjca.2023.04.019.
6. Sromicki J, Van Hemelrijck M, Schmiady MO, **Greutmann M**, Bonassin Tempesta F, Mestres CA, Vogt PR, Carrel TP, Holubec T. Twenty-five year experience with aortic valve-sparing root replacement in a single teaching center. *Front Cardiovasc Med*. 2023 Mar 10;10:1104149. doi: 10.3389/fcvm.2023.1104149.
7. Schlosser L, Naef N, Ehrler M, Wehrle F, **Greutmann M**, Oxenius A, Tuura R, Latal B, Brugger P. Counting on random number generation: Uncovering mild executive dysfunction in congenital heart disease. *Brain Cogn*. 2023 Mar;166:105955. doi: 10.1016/j.bandc.2023.105955.
8. Dähler R, Brugger SD, Frank M, **Greutmann M**, Sromicki J, Marques-Maggio E, Imkamp F, Bauernschmitt R, Carrel T, Zinkernagel AS, Hasse B. A retrospective analysis of blood culture-negative endocarditis at a tertiary care centre in Switzerland. *Swiss Med Wkly*. 2022 Dec 10;152:40012. doi: 10.57187/smw.2022.40016.
9. Ruperti-Repilado FJ, Baumgartner H, Bouma B, Bouchardy J, Budts W, Campens L, Chessa M, Jesús Del Cerro Marin M, Gabriel H, Gallego P, González EA, Jensen AS, Ladouceur M, Lockhart C, Miranda-Barrio B, Morissens M, Escobar EM, Pasquet A, Soriano JR, Elise van den Bosch A, Berdina van der Zwaan H, Tobler D, **Greutmann M**, Schwerzmann M. The coronavirus disease pandemic among adult congenital heart disease patients and the lessons learnt - results of a prospective multicenter european registry. *Int J Cardiol Congenit Heart Dis*. 2023 Mar;11:100428. doi: 10.1016/j.ijcchd.2022.100428. Epub 2022 Nov 21.
10. Ehrler M, Brugger P, **Greutmann M**, Schlosser L, Wehrle FM, Liamlahi R, Naef N, Kretschmar O, O'Gorman RT, Latal B. White matter microstructure and executive functions in congenital heart disease from childhood to adulthood: A pooled case-control study. *Child Neuropsychol*. 2022 Nov 14:1-24. doi: 10.1080/09297049.2022.2144633.

11. Kröpfl JM, Schmid M, Schön P, **Greutmann M**, Spengler CM. Correspondence to: "Preclinical atherosclerosis and cardiovascular events: Do we have a consensus about the role of preclinical atherosclerosis in the prediction of cardiovascular events?" *Atherosclerosis*. 2022 Nov;361:47-49. doi: 10.1016/j.atherosclerosis.2022.10.001.
12. Ruperti-Repilado FJ, Affolter J, Bouchardy J, Gabriel H, Stämpfli SF, Engel R, Schwerzmann M, **Greutmann M**, Tobler D. Young adults after arterial switch operation for transposition of the great arteries in Switzerland: a growing population. *Swiss Med Wkly*. 2022 Feb 23;152:w30114. doi: 10.4414/smw.2022.w30114. eCollection 2022 Feb 14
13. **Greutmann M**, Ruperti J, Schwitz F, Haag N, Santos Lopes B, Meier L, Babic D, Valsangiacomo Buechel E, Kellenberger C, Bonassin F, Attenhofer Jost C, Schwerzmann M, Wustmann K, Tobler D. High Variability of Right Ventricular Volumes and Function in Adults with Severe Pulmonary Regurgitation Late After Tetralogy of Fallot Repair. *Am J Cardiol*. 2022 Mar 1;166:88-96. doi: 10.1016/j.amjcard.2021.11.022. Epub 2021 Dec 20.PMID: 34949470
14. Ehrler M, von Rhein M, Schlosser L, Brugger P, **Greutmann M**, Kretschmar O, Latal B, Tuura O'Gorman R. Microstructural alterations of the corticospinal tract are associated with poor motor function in patients with severe congenital heart disease. *Neuroimage Clin*. 2021;32:102885. doi: 10.1016/j.nicl.2021.102885. Epub 2021 Nov 19.PMID: 34911191
15. Saxer S, Calendo LR, Lichtblau M, Carta A, Müller J, Gautschi F, Berlier C, Furian M, Schwarz EI, Bloch KE, **Greutmann M**, Ulrich S. Effect of oxygen therapy on exercise performance in patients with cyanotic congenital heart disease: Randomized-controlled trial. *Int J Cardiol*. 2022 Feb 1;348:65-72. doi: 10.1016/j.ijcard.2021.11.066. Epub 2021 Nov 30.PMID: 34856290
16. Babic D, Hämmerli R, Santos Lopes B, Attenhofer Jost C, Tobler D, Schwerzmann M, Hasse B, Bonassin Tempesta F, **Greutmann M**. Impact of a structured patient education programme on early diagnosis of prosthetic pulmonary valve endocarditis. *Cardiol Young*. 2022 Oct;32(10):1564-1569. doi: 10.1017/S1047951121004510. Epub 2021 Nov 10.PMID: 34753524
17. Schultze-Berndt A, Kühnisch J, Herbst C, Seidel F, Al-Wakeel-Marquard N, Dartsch J, Theisen S, Knirsch W, Jenni R, **Greutmann M**, Oechslin E, Berger F, Klaassen S. Reduced Systolic Function and Not Genetic Variants Determine Outcome in Pediatric and Adult Left Ventricular Noncompaction Cardiomyopathy. *Front Pediatr*. 2021 Sep 3;9:722926. doi: 10.3389/fped.2021.722926. eCollection 2021.PMID: 34540771
18. Schlosser L, Kessler N, Feldmann M, Wehrle F, Rometsch S, **Greutmann M**, Oxenius A, Brugger P, Latal B. Neurocognitive functioning in young adults with congenital heart disease: insights from a case-control study. *Cardiol Young*. 2022 May;32(5):694-701. doi: 10.1017/S1047951121002705. Epub 2021 Jul 23.PMID: 34294187
19. Ruperti-Repilado FJ, Tobler D, **Greutmann M**, Bouchardy J, Ladouceur M, Dos-Subira L, Gallego P, Gabriel H, Bouma B, Schwerzmann M; EPOCH. Risk stratification of adults with congenital heart disease during the COVID-19 pandemic: insights from a multinational survey among European experts. *Open Heart*. 2021 Apr;8(1):e001455. doi: 10.1136/openhrt-2020-001455.PMID: 33883228
20. Schwerzmann M, Ruperti-Repilado FJ, Baumgartner H, Bouma B, Bouchardy J, Budts W, Campens L, Chessa M, Del Cerro Marin MJ, Gabriel H, Gallego P, Garcia-Orta R, Gonzalez AE, Jensen AS, Ladouceur M, Miranda-Barrio B, Morissens M, Pasquet A, Rueda J, van den Bosch AE, van der Zwaan HB, Tobler D, **Greutmann M**. Clinical outcome of COVID-19 in patients with adult congenital heart disease. *Heart*. 2021 Mar 8;107(15):1226-32. doi: 10.1136/heartjnl-2020-318467. Online ahead of print.PMID: 33685931
21. Naef N, Schlosser L, Brugger P, **Greutmann M**, Oxenius A, Wehrle F, Kottke R, Latal B, O'Gorman RT. Brain volumes in adults with congenital heart disease correlate with executive function abilities. *Brain Imaging Behav*. 2021 Oct;15(5):2308-2316. doi: 10.1007/s11682-020-00424-1. Epub 2021 Jan 30.PMID: 33515180

22. Ehrler M, Schlosser L, Brugger P, **Greutmann M**, Oxenius A, Kottke R, O'Gorman Tuura R, Latal B. Altered white matter microstructure is related to cognition in adults with congenital heart disease. *Brain Commun.* 2020 Dec 28;3(1):fcaa224. doi: 10.1093/braincomms/fcaa224. eCollection 2021. PMID: 33501427
23. Danioth S, Schanz U, **Greutmann M**. Thrombocytopaenia in cyanotic CHD. *Cardiol Young.* 2021 Mar;31(3):429-434. doi: 10.1017/S1047951120004230. Epub 2020 Dec 2. PMID: 33261686
24. Ramlakhan KP, Tobler D, **Greutmann M**, Schwerzmann M, Baris L, Yetman AT, Nihoyannopoulos P, Manga P, Boersma E, Maggioni AP, Johnson MR, Hall R, Roos-Hesselink JW; ROPAC investigators group. Pregnancy outcomes in women with aortic coarctation. *Heart.* 2020 Oct 29;107(4):290-8. doi: 10.1136/heartjnl-2020-317513. Online ahead of print. PMID: 33122301 Free PMC article.
25. Wehrle FM, Landolt MA, Latal B, Rometsch S, **Greutmann M**. Impact of the COVID-19 Pandemic on Health-Related Concerns, Quality of Life and Psychological Adjustment in Young Adults with Congenital Heart Disease. *Congenital Heart Disease*, Vol.15, No.5, pp. 301-308, 2020, DOI:10.32604/CHD.2020.013078.
26. Ruperti-Repilado FJ, Ladouceur M, Gallego P, Dos L, Soriano JR, Bouma B, Gabriel H, Schwerzmann M, Bouchardy J, Tobler D, **Greutmann M**. Comprehensive Long-Term Follow up of Adults with Arterial Switch Operation– European Collaboration for Prospective Outcome Research in Congenital Heart Disease (EPOCH-ASO)–Study Design and Protocols. *Congenital Heart Disease* 2020, 15(5), 309-338. <https://doi.org/10.32604/CHD.2020.012599>
27. Scognamiglio G, Fusco F, Hankel TC, Bouma BJ, **Greutmann M**, Khairy P, Ladouceur M, Dimopoulos K, Niwa K, Broberg CS, Miranda B, Budts W, Bouchardy J, Schwerzmann M, Lipczyńska M, Tobler D, Tsai SF, Egbe AC, Aboulhosn J, Fernandes SM, Garr B, Rutz T, Mizuno A, Proietti A, Alonso-Gonzalez R, Mulder BJM, Sarubbi B; Safety and efficacy of non-vitamin K antagonist oral anticoagulants for prevention of thromboembolism in adults with systemic right ventricle: Results from the NOTE international registry. non-vitamin K antagonist oral anticoagulants for thromboembolic prevention in adult congenital heart disease (NOTE) registry Investigators. *Int J Cardiol.* 2020 Aug 14;S0167-5273(20)33561-0. IF: 3.229
28. Bombardieri E, Rohrbach M, **Greutmann M**, Matyas G, Weber R, Radulovic J, Fasnacht Boillat M, Linka A, De Pasquale G, Bonassin F, Attenhofer Jost CH. Marfan syndrome and related connective tissue disorders in the current era in Switzerland in 103 patients: medical and surgical management and impact of genetic testing. *Swiss Med Wkly.* 2020 Apr 3;150. IF: 1.821
29. Kessler N, Feldmann M, Schlosser L, Rometsch S, Brugger P, Kottke R, Knirsch W, Oxenius A, **Greutmann M**, Latal B. Structural brain abnormalities in adults with congenital heart disease: Prevalence and association with estimated intelligence quotient. *Int J Cardiol.* 2020 May 1;306:61-66. IF: 3.229
30. Possner M, Buechel RR, Vontobel J, Mikulicic F, Gräni C, Benz DC, Clerc OF, Fuchs TA, Tobler D, Stambach D, **Greutmann M**, Kaufmann PA. Myocardial blood flow and cardiac sympathetic innervation in young adults late after arterial switch operation for transposition of the great arteries. *Int J Cardiol.* 2019 Jul 13. IF: 3.471
31. Yang H, Bouma BJ, Dimopoulos K, Khairy P, Ladouceur M, Niwa K, **Greutmann M**, Schwerzmann M, Egbe A, Scognamiglio G, Budts W, Veldtman G, Opotowsky AR, Broberg CS, Gumbiene L, Meijboom FJ, Rutz T, Post MC, Moe T, Lipczyńska M, Tsai SF, Chakrabarti S, Tobler D, Davidson W, Morissens M, van Dijk A, Buber J, Bouchardy J, Skoglund K, Christersson C, Kronvall T, Konings TC, Alonso-Gonzalez R, Mizuno A, Webb G, Laukyte M, Sieswerda GTJ, Shafer K, Aboulhosn J, Mulder BJM. Non-vitamin K antagonist oral anticoagulants (NOACs) for thromboembolic prevention, are they safe in congenital heart disease? Results of a worldwide study. *Int J Cardiol.* 2019 Jun 13. IF: 3.471

32. Yang H, Veldtman GR, Bouma BJ, Budts W, Niwa K, Meijboom F, Scognamiglio G, Egbe AC, Schwerzmann M, Broberg C, Morissens M, Buber J, Tsai S, Polyzois I, Post MC, **Greutmann M**, Van Dijk A, Mulder BJ, Aboulhosn J. Non-vitamin K antagonist oral anticoagulants in adults with a Fontan circulation: are they safe. *Open Heart*. 2019 Jun. IF: NA
33. Arslani K, Roffler N, Zurek M, **Greutmann M**, Schwerzmann M, Bouchardy J, Rutz T, Ehl NF, Jost CA, Tobler D; SACHER Investigators. Patterns of Incidence Rates of Cardiac Complications in Patients With Congenital Heart Disease. *Can J Cardiol*. 2018 Dec;34(12):1624-1630. IF: 5.592
34. Johannes J, **Greutmann M**, Tobler D, Bouchardy J, Stambach D, Wustmann K, Schwitz F, Schwerzmann M. The impact of trisomy 21 on treatment modalities and outcome in adults with congenital heart disease in Switzerland. *Pulm Circ*. 2019 Jan-Mar;9(1):2045894018811147. IF: 2.075
35. Rometsch S, **Greutmann M**, Latal B, Bernaschina I, Knirsch W, Schaefer C, Oxenius A, Landolt MA. Predictors of quality of life in young adults with congenital heart disease. *Eur Heart J Qual Care Clin Outcomes*. 2019 Apr 1;5(2):161-168. IF: N/A
36. Schwieger-Briel A, Fuentes I, Castiglia D, Barbato A, **Greutmann M**, Leppert J, Duchatelet S, Hovnanian A, Burattini S, Yubero MJ, Ibañez-Arenas R, Rebolledo-Jaramillo B, Gräni C, Ott H, Theiler M, Weibel L, Paller AS, Zambruno G, Fischer J, Palisson F, Has C. Epidermolysis Bullosa Simplex with KLHL24 Mutations Is Associated with Dilated Cardiomyopathy. *J Invest Dermatol*. 2019 Jan;139(1):244-249. IF: 6.290
37. Arslani K, Notz L, Zurek M, **Greutmann M**, Schwerzmann M, Bouchardy J, Engel R, Attenhofer Jost C, Tobler D; SACHER investigators. Anticoagulation practices in adults with congenital heart disease and atrial arrhythmias in Switzerland. *Congenit Heart Dis*. 2018 Sep;13(5):678-684. IF: 2.036
38. Wilson WM, Valente AM, Hickey EJ, Clift P, Burchill L, Emmanuel Y, Gibson P, **Greutmann M**, Grewal J, Grigg LE, Gurvitz M, Hickey K, Khairy P, Mayer JE Jr, Teo E, Vonder Muhll I, Roche SL, Silversides CK, Wald RM. Outcomes of Patients With Hypoplastic Left Heart Syndrome Reaching Adulthood After Fontan Palliation: Multicenter Study. *Circulation*. 2018 Feb 27;137(9):978-981. IF: 23.054
39. Zimmermann C, Attenhofer Jost C, Prêtre R, Mueller C, **Greutmann M**, Seifert B, Valsangiacomo Büchel E, Kretschmar O, Dave HH, Weber R. Mid-term Outcome of 100 Consecutive Ross Procedures: Excellent Survival, But Yet to Be a Cure. *Pediatr Cardiol*. 2018 Mar;39(3):595-603. IF: 1.413
40. Oechslin L, Corti R, **Greutmann M**, Kretschmar O, Gaemperli O. Percutaneous pulmonary valve implantation in grown-up congenital heart disease patients: Insights from the Zurich experience. *J Interv Cardiol*. 2018 Apr;31(2):251-260. IF: 2.106
41. Tobler D, Schwerzmann M, Bouchardy J, Engel R, Stambach D, Attenhofer Jost C, Wustmann K, Schwitz F, Rutz T, Gabriel H, Kuen HP, Auf der Maur C, Oxenius A, Seeliger T, Santos Lopes B, Bonassin F, **Greutmann M**, On Behalf Of Sacher. Swiss Adult Congenital HEart disease Registry (SACHER) - rationale, design and first results. *Swiss Med Wkly*. 2017 Oct 27;147:w14519. IF: 1.821
42. Padrutt M, Bracher I, Bonassin F, Santos Lopes B, Gruner C, Stämpfli SF, Wolber T, Kretschmar O, Oxenius A, De Pasquale G, Seeliger T, Lüscher TF, Attenhofer Jost C, **Greutmann M**. Impact of growing cohorts of adults with con-genital heart disease on clinical workload: a 20-year experience at a tertiary care centre. *Swiss Med Wkly*. 2017 May 10;147:w14443. IF: 1.821
43. Stauber A, Wey C, **Greutmann M**, Tobler D, Wustmann K, Wahl A, Valsangiacomo Buechel ER, Wilhelm M, Schwerzmann M; SACHER Investigators. Left ventricular outflow tract obstruction and its impact on systolic ventricular function and exercise capacity in adults with a subaortic right ventricle. *Int J Cardiol*. 2017 Oct 1;244:139-142. IF: 4.034
44. Bracher I, Padrutt M, Bonassin F, Santos Lopes B, Gruner C, Stämpfli SF, Oxenius A, De Pasquale G, Seeliger T, Lüscher TF, Attenhofer Jost C, **Greutmann M**. Burden and

- impact of congenital syndromes and comorbidities among adults with congenital heart disease. *Int J Cardiol.* 2017 Aug 1;240:159-164. IF: 4.034
45. Tobler D, Bouchardy J, Reto E, Heg D, Müller C, Frenk A, Gabriel H, Schwitter J, Rutz T, Buechel RR, Wilhelm M, Trachsel L, Freese M, **Greutmann M**, Schwerzmann M; SERVE trial. Effect of phosphodiesterase-5 inhibition with Tadalafil on SystEmic Right VEntricular size and function - A multi-center, double-blind, randomized, placebo-controlled clinical trial - SERVE trial - Rational and design. *Int J Cardiol.* 2017 Sep 15;243:354-359. IF: 4.034
 46. Stämpfli SF, Erhart L, Hagenbuch N, Stähli BE, Gruner C, **Greutmann M**, Niemann M, Kaufmann BA, Jenni R, Held L, Tanner FC. Prognostic power of NT-proBNP in left ventricular non-compaction cardiomyopathy. *Int J Cardiol.* 2017 Jun 1;236:321-327. IF: 4.034
 47. De Pasquale G, Bonassin Tempesta F, Lopes BS, Babic D, Oxenius A, Seeliger T, Gruner C, Tanner FC, Biaggi P, Attenhofer Jost C, **Greutmann M**. High prevalence of baffle leaks in adults after atrial switch operations for transposition of the great arteries. *Eur Heart J Cardiovasc Imaging.* 2017 May 1;18(5):531-535. IF: 8.336
 48. Orwat S, Diller GP, van Hagen IM, Schmidt R, Tobler D, **Greutmann M**, Jonkaitiene R, Elnagar A, Johnson MR, Hall R, Roos-Hesselink JW, Baumgartner H; ROPAC Investigators. Risk of Pregnancy in Moderate and Severe Aortic Stenosis: From the Multinational ROPAC Registry. *J Am Coll Cardiol.* 2016 Oct 18;68(16):1727-1737. **IF: 19.896**
 49. Eser P, Herzig D, Vogt M, Stämpfli R, Trovato M, Olstad DS, Trachsel L, Deluigi C, Wustmann K, **Greutmann M**, Tobler D, Stambach D, Schmid JP, Schwerzmann M, Wilhelm M. Vagal reactivation after exercise and cardiac autonomic nervous activity in adult Fontan patients without pacemakers. *Int J Cardiol.* 2016 Oct 1;220:527-33. IF: 6.189
 50. Zimmermann CA, Weber R, **Greutmann M**, Dave H, Müller C, Prêtre R, Seifert B, Buechel EV, Kretschmar O, Attenhofer Jost CH. Dilatation and Dysfunction of the Neo-aortic Root and in 76 Patients After the Ross Procedure. *Pediatr Cardiol.* 2016 Aug;37(6):1175-83. IF: 1.688
 51. Staempfli R, Schmid JP, Schenker S, Eser P, Trachsel LD, Deluigi C, Wustmann K, Thomet C, **Greutmann M**, Tobler D, Stambach D, Wilhelm M, Schwerzmann M. Cardiopulmonary adaptation to short-term high altitude exposure in adult Fontan patients. *Heart.* 2016 Aug 15;102(16):1296-301. IF: 6.059
 52. Hasler S, Manka R, **Greutmann M**, Gämperli O, Schmied C, Tanner FC, Biaggi P, Lüscher TF, Keller DI, Gruner C. Elevated high-sensitivity troponin T levels are associated with adverse cardiac remodelling and myocardial fibrosis in hypertrophic cardiomyopathy. *Swiss Med Wkly.* 2016 Mar 21;146:w14285. **IF: 1.654**
 53. Franzoso FD, Wohlmuth C, **Greutmann M**, Kellenberger CJ, Oxenius A, Voser EM, Valsangiaco Buechel ER. Atrial Function after the Atrial Switch Operation for Transposition of the Great Arteries: Comparison with Arterial Switch and Normals by Cardiovascular Magnetic Resonance. *Congenit Heart Dis.* 2015 Dec 18. **IF: 1.210**
 54. Frank M, Ganzoni G, Starck C, Grünenfelder J, Corti R, Gruner C, Hürlimann D, Tanner FC, Jenni R, **Greutmann M**, Biaggi P. Lack of Accessible Data on Prosthetic Heart Valves. *Int J Cardiovasc Imaging.* 2016 Mar;32(3):439-47. **IF: 1.896**
 55. Opotowsky AR, Moko LE, Ginns J, Rosenbaum M, **Greutmann M**, Aboulhosn J, Hageman A, Kim Y, Deng LX, Grewal J, Zaidi AN, Almansoori G, Oechslin E, Earing M, Landzberg MJ, Singh MN, Wu F, Vaidya A. Pheochromocytoma and paraganglioma in cyanotic congenital heart disease. *J Clin Endocrinol Metab.* 2015 Apr;100(4):1325-34. **IF: 5.605**
 56. Gruner C, Herzog B, Bettex D, Felix C, Datta S, **Greutmann M**, Gaemperli O, Müggler SA, Tanner FC, Gruenenfelder J, Corti R, Biaggi P. Quantification of mitral regurgitation by real time three-dimensional color Doppler flow echocardiography pre- and post-percutaneous mitral valve repair. *Echocardiography.* 2015 Jul;32(7):1140-6. **IF: 1.432**

57. **Greutmann M**, Tobler D, Kovacs AH, Greutmann-Yantiri M, Haile RS, Held L, Ivanov J, Williams WG, Oechslin EN, Silversides CK, Colman JM. Increasing mortality burden among adults with complex congenital heart disease. *Congenit Heart Dis*. 2015 Mar-Apr;10(2):117-27. **IF: 1.210**
58. Poulin F, Carasso S, Horlick EM, Rakowski H, Lim KD, Finn H, Feindel CM, **Greutmann M**, Osten MD, Cusimano RJ, Woo A. Recovery of Left Ventricular Mechanics after Transcatheter Aortic Valve Implantation: Effects of Baseline Ventricular Function and Postprocedural Aortic Regurgitation. *J Am Soc Echocardiogr*. 2014 Nov;27(11):1133-42. **IF: 4.056**
59. **Greutmann M**, Rozenberg D, Le TL, Silversides CK, Granton JT. Recovery of respiratory gas exchange after exercise in adults with congenital heart disease. *Int J Cardiol*. 2014 Sep 20;176(2):333-9. **IF: 4.036**
60. Meerwein C, Vital D, **Greutmann M**, Schmid C, Huber GF. Total thyroidectomy in patients with amiodarone-induced hyperthyroidism: when does the risk of conservative treatment exceed the risk of surgery?. *HNO*. 2014 Feb;62(2):100-5. **IF: 0.580**
61. Arndt AK, Schafer S, Drenckhahn JD, Sabeh MK, Plovie ER, Caliebe A, Klopocki E, Musso G, Werdich AA, Kalwa H, Heinig M, Padera RF, Wassilew K, Bluhm J, Harnack C, Martitz J, Barton PJ, **Greutmann M**, Berger F, Hubner N, Siebert R, Kramer HH, Cook SA, Macrae CA, Klaassen S. Fine Mapping of the 1p36 Deletion Syndrome Identifies Mutation of PRDM16 as a Cause of Cardiomyopathy. *Am J Hum Genet*. 2013 Jul 11;93(1):67-77. **IF: 10.987**
62. Stähli BE, Gebhard C, Biaggi P, Klaassen S, Valsangiacomo Buechel E, Attenhofer Jost CH, Jenni R, Tanner FC, **Greutmann M**. Left ventricular non-compaction: prevalence in congenital heart disease. *Int J Cardiol*. 2013 Sep 10;167(6):2477-81. **IF: 6.175**
63. **Greutmann M**, Tobler D, Colman JM, Greutmann-Yantiri M, Librach SL, Kovacs AH. Facilitators of and barriers to advance care planning in adult congenital heart disease. *Congenit Heart Dis*. 2013 Jul-Aug;8(4):281-8. **IF: 0.783**
64. D'Oronzio U, Senn O, Biaggi P, Gruner C, Jenni R, Tanner FC, **Greutmann M**. Right heart assessment by echocardiography: gender and body size matters. *J Am Soc Echocardiogr*. 2012 Dec;25(12):1251-8. (IF: 3.7)
65. Gebhard C, Stähli BE, **Greutmann M**, Biaggi P, Jenni R, Tanner FC. Reduced left ventricular compacta thickness: a novel echocardiographic criterion for non-compaction cardiomyopathy. *J Am Soc Echocardiogr*. 2012 Oct;25(10):1050-7. (IF: 3.7)
66. **Greutmann M**, Tobler D, Sharma NC, Vonder Muhll I, Mebus S, Kaemmerer H, Schuler PK, Deanfield JE, Beauchesne L, Salehian O, Hoffmann A, Golovatyuk V, Oechslin EN, Silversides CK. Cardiac outcomes in adults with supra-aortic stenosis. *Eur Heart J*. 2012 Oct;33(19):2442-50. (IF: 14.1)
67. Stähli BE, Gebhard C, Biaggi P, Klaassen S, Valsangiacomo Buechel E, Attenhofer Jost CH, Jenni R, Tanner FC, **Greutmann M**. Left ventricular non-compaction: Prevalence in congenital heart disease. *Int J Cardiol*. 2012 Jun 15. (IF: 7.1)
68. Krasniqi N, Roth J, Siegrist PT, Toggweiler S, Gruner C, **Greutmann M**, Tanner FC, Lüscher TF, Corti R. Percutaneous closure of patent foramen ovale and valvular function - effect of the amplatzer occluder. *J Invasive Cardiol*. 2012 Jun;24(6):274-7. (IF: 1.8)
69. Krasniqi N, Turgut M, Husmann M, Roffi M, Schwarz U, **Greutmann M**, Lüscher TF, Amann B, Corti R. Carotid artery stenting: a single center "real world" experience. *PLoS One*. 2012;7(4). (IF: 4.1)
70. Tobler D*, **Greutmann M***, Colman JM, Greutmann-Yantiri M, Librach SL, Kovacs AH. Knowledge of and preference for advance care planning by adults with congenital heart disease. *Am J Cardiol*. 2012 Jun 15;109(12); *Co-First authors. (IF: 3.4)
71. **Greutmann M**, Mah ML, Silversides CK, Klaassen S, Attenhofer Jost CH, Jenni R, Oechslin EN. Predictors of adverse outcome in adolescents and adults with isolated left ventricular noncompaction. *Am J Cardiol*. 2012 Jan 15;109(2):276-81. (IF: 3.4)

72. Tobler D, **Greutmann M**, Colman JM, Greutmann-Yantiri M, Librach LS, Kovacs AH. End-of-life care in hospitalized adults with complex congenital heart disease: care delayed, care denied. *Palliat Med.* 2012 Jan;26(1):72-9. (IF: 2.5)
73. Probst S, Oechslin E, Schuler P, **Greutmann M**, Boyé P, Knirsch W, Berger F, Thierfelder L, Jenni R, Klaassen S. Sarcomere Gene Mutations in Isolated Left Ventricular Noncompaction Cardiomyopathy Do Not Predict Clinical Phenotype. *Circ Cardiovasc Genet.* 2011 May 6. (IF: 4.0)
74. Biaggi P, Carasso S, Garceau P, **Greutmann M**, Gruner C, Tsang W, Rakowski H, Agmon Y, Woo A. Comparison of two different speckle tracking software systems: does the method matter? *Echocardiography.* 2011 May;28(5):539-47. (IF: 1.4)
75. **Greutmann M**, Le TL, Tobler D, Biaggi P, Oechslin EN, Silversides CK, Granton JT. Generalised muscle weakness in young adults with congenital heart disease. *Heart.* 2011 Jan 21. (IF: 4.7)
76. Yalonetsky S, Tobler D, **Greutmann M**, Crean AM, Wintersperger BJ, Nguyen ET, Oechslin EN, Silversides CK, Wald RM. Cardiac magnetic resonance imaging and the assessment of ebstein anomaly in adults. *Am J Cardiol.* 2011 Mar 1;107(5):767-73. (IF: 3.7)
77. **Greutmann M**, Tobler D, Biaggi P, Mah ML, Crean A, Wald RM, Silversides CK, Oechslin EN. Echocardiography for assessment of regional and global right ventricular systolic function in adults with repaired tetralogy of Fallot. *Int J Cardiol.* 2010 Dec 21. (IF: 6.8)
78. Tobler D*, **Greutmann M***, Colman JM, Greutmann-Yantiri M, Librach LS, Kovacs AH. End-of-life in adults with congenital heart disease: A call for early communication. *Int J Cardiol.* 2010 Nov 19; *Co-First authors. (IF: 6.8);
79. Tanous D, Siu SC, Mason J, **Greutmann M**, Wald RM, Parker JD, Sermer M, Colman JM, Silversides CK. B-type natriuretic peptide in pregnant women with heart disease. *J Am Coll Cardiol.* 2010 Oct 5;56(15):1247-53. (IF: 14.3)
80. **Greutmann M**, Tobler D, Biaggi P, Mah ML, Crean A, Oechslin EN, Silversides CK. Echocardiography for assessment of right ventricular volumes revisited: a cardiac magnetic resonance comparison study in adults with repaired tetralogy of Fallot. *J Am Soc Echocardiogr.* 2010 Sep;23(9):905-11. (IF: 3.5)
81. Tobler D, Williams WG, Jegatheeswaran A, Van Arsdell GS, McCrindle BW, **Greutmann M**, Oechslin EN, Silversides CK. Cardiac outcomes in young adult survivors of the arterial switch operation for transposition of the great arteries. *J Am Coll Cardiol.* 2010 Jun 29;56(1):58-64. (IF: 14.3)
82. **Greutmann M**, Von Klemperer K, Brooks R, Peebles D, O'Brien P, Walker F. Pregnancy outcome in women with congenital heart disease and residual haemodynamic lesions of the right ventricular outflow tract. *Eur Heart J.* 2010 Jul;31(14):1764-70. Epub 2010 May 28. (IF: 10.0)
83. Osten MD, Feindel C, **Greutmann M**, Chamberlain K, Meineri M, Rubin B, Mezody M, Ivanov J, Butany J, Horlick EM. Transcatheter aortic valve implantation for high risk patients With severe aortic stenosis using the Edwards Sapien balloon-expandable bioprosthesis: A single centre study with immediate and medium-term outcomes. *Catheter Cardiovasc Interv.* 2010 Mar 1;75(4):475-85. (IF: 2.4)
84. **Greutmann M**, Prêtre R, Furrer L, Bauersfeld U, Turina M, Noll G, Luescher TF, Trindade PT. Heart transplantation in adolescent and adult patients with congenital heart disease: a case-control study. *Transplant Proc.* 2009 Nov;41(9):3821-6. (IF: 0.99)
85. **Greutmann M**, Greutmann-Yantiri M, Kretschmar O, Senn O, Roffi M, Jenni R, Luescher TF, Eberli FR. Percutaneous PFO closure with Amplatzer PFO occluder: predictors of residual shunts at 6 months follow-up. *Congenit Heart Dis.* 2009 Jul;4(4):252-7. (IF: NA)
86. Tzemos N, Harris L, Carasso S, Subira LD, **Greutmann M**, Provost Y, Redington AN, Rakowski H, Siu SC, Silversides CK. Adverse left ventricular mechanics in adults with repaired tetralogy of Fallot. *Am J Cardiol.* 2009 Feb 1;103(3):420-5. (IF: 3.6)

87. Klaassen S, Probst S, Oechslin E, Gerull B, Krings G, Schuler P, **Greutmann M**, Hürlimann D, Yegitbasi M, Pons L, Gramlich M, Drenckhahn JD, Heuser A, Berger F, Jenni R, Thierfelder L. Mutations in sarcomere protein genes in left ventricular noncompaction. *Circulation*. 2008 Jun 3;117(22):2893-901. (IF: 14.6)
88. Roffi M, **Greutmann M**, Eberli FR, Rainoni L, Lüscher TF, Amann-Vesti B, Schwarz U. Starting a carotid artery stenting program is safe. *Catheter Cardiovasc Interv*. 2008 Mar 1;71(4):469-73. (IF: 2.4)
89. Roffi M, **Greutmann M**, Schwarz U, Luscher TF, Eberli FR, Amann-Vesti B. Flow impairment during protected carotid artery stenting: impact of filter device design. *J Endovasc Ther*. 2008 Feb;15(1):103-9. (IF: 2.6)

Contributions as co-investigator to peer-reviewed original research articles from international registries:

1. Tutarel O, Baris L, Budts W, Gamal Abd-El Aziz M, Liptai C, Majdalany D, Jovanova S, Frogoudaki A, Connolly HM, Johnson MR, Maggioni AP, Hall R, Roos-Hesselink JW; ROPAC Investigators Group. Pregnancy outcomes in women with a systemic right ventricle and transposition of the great arteries results from the ESC-EORP Registry of Pregnancy and Cardiac disease (ROPAC). *Heart*. 2022 Jan;108(2):117-123. doi: 10.1136/heartjnl-2020-318685. Epub 2021 Apr 28. PMID: 33911009
2. Campens L, Baris L, Scott NS, Broberg CS, Bondue A, Jondeau G, Grewal J, Johnson MR, Hall R, De Backer J, Roos-Hesselink JW; ROPAC investigators group. Pregnancy outcome in thoracic aortic disease data from the Registry Of Pregnancy And Cardiac disease. *Heart*. 2021 Nov;107(21):1704-1709. doi: 10.1136/heartjnl-2020-318183. Epub 2021 Jan 19. PMID: 33468574
3. Tutarel O, Ramlakhan KP, Baris L, Subirana MT, Bouchardy J, Nemes A, Vejstrup NG, Osipova OA, Johnson MR, Hall R, Roos-Hesselink JW; ROPAC (Registry of Pregnancy and Cardiac Disease) Investigators Group . Pregnancy Outcomes in Women After Arterial Switch Operation for Transposition of the Great Arteries: Results From ROPAC (Registry of Pregnancy and Cardiac Disease) of the European Society of Cardiology EURObservational Research Programme. *J Am Heart Assoc*. 2021 Jan 5;10(1):e018176. doi: 10.1161/JAHA.120.018176. Epub 2020 Dec 22. PMID: 33350866
4. Yang H, Bouma BJ, Mulder BJM; Non vitamin K antagonist Oral anticoagulants for ThromboEmbolic prevention in adult congenital heart disease (NOTE) investigators. Is Initiating NOACs for Atrial Arrhythmias Safe in Adults with Congenital Heart Disease? *Cardiovasc Drugs Ther*. 2017 Aug;31(4):413-417.

2. Peer reviewed case reports

1. Schmiady MO, **Greutmann M**, Pfiffner R, Rancic Z. An uncommon case of acute non-traumatic paraplegia: endovascular management of an occluding thrombus in the thoracic aorta 32 years after open surgery for aortic coarctation. *Eur Heart J*. 2019 Feb 25.
2. Liebscher F, Pfammatter T, Kolios A, **Greutmann M**, Franzen D. Takayasu's Arteritis with Isolated Pulmonary Artery Involvement in a Middle-Aged Asian Woman with Hepatitis B and Latent Tuberculosis Infection. *Respiration*. 2017;93(3):207-211.
3. Yalcinkaya E, Duru F, **Greutmann M**, Wolber T. Play the Map: Ablation of a Macro Reentrant Atrial Tachycardia in a Patient After Senning Repair for Transposition of the Great Arteries. *J Invasive Cardiol*. 2017 Jan;29(1):E13.
4. Platzmann AM, Schmiady M, Rudiger A, Huebler M, **Greutmann M**, Bettex DA. First description of successful weaning from ECMO in a patient with Eisenmenger syndrome after repair of pulmonary artery dissection. *Int J Cardiol*. 2015 May 6;187:144-5.
5. Stämpfli SF, Plass A, Müller A, **Greutmann M**. Complete Recovery From Severe Tachycardia-Induced Cardiomyopathy in a Patient With Ebstein's Anomaly. *World J Pediatr Congenit Heart Surg*. 2014 Jun 23;5(3):484-487.
6. Breitenstein A, Biaggi P, **Greutmann M**. Triple trouble in the heart. *Eur Heart J*. 2013 Jun 11.
7. Jaguszewski M, Gaemperli O, Kretschmar O, **Greutmann M**, Grünenfelder J, Corti R. Transcatheter embolization of multiple intra-pulmonary arterio-venous fistulae with Amplatzer vascular plugs. *Eur Heart J*. 2012 Nov;33(21):2749.
8. Haegeli LM, **Greutmann M**, Wolber T, Appenzeller P, Gaemperli O, Brunckhorst C, Lüscher TF, Duru F. Complex cardiac anatomy and catheter access: the role of imaging in patients referred for catheter ablation. *Europace*. 2011 Mar 29. [Epub ahead of print]
9. Stambach D, Tobler D, **Greutmann M**. Geflickt ist nicht geheilt. *Schweiz Med Forum* 2010;10(17):315
10. Biaggi P, **Greutmann M**, Crean A. Utility of three-dimensional transesophageal echocardiography: anatomy, mechanism, and severity of regurgitation in a patient with an isolated cleft posterior mitral valve. *J Am Soc Echocardiogr*. 2010 Oct;23(10):1114.e1-4. Epub 2010 May 8.
11. **Greutmann M**, Horlick EM. Uncommon cause for a common electrocardiographic artifact. *Can J Cardiol*. 2010 Jan;26(1):e30. No abstract available
12. Biaggi P, **Greutmann M**, Crean A, Mezody M, Rakowski H. A diagnostic odyssey: detection of an unusual anterior papillary muscle of the tricuspid valve. *Eur J Echocardiogr*. 2010 Jan 6.
13. Tobler D, **Greutmann M**, Oechslin E. The answer lies in the bubbles: a patient with superior sinus venosus defect, persistent left superior vena cava, and absent innominate vein. *Eur Heart J*. 2009 Nov 18.
14. **Greutmann M**, Tobler D, Grewal J, Biaggi P, Oechslin E, Crean A, Silversides C. A reminder from the past: a 49-year-old patient with transposition of the great arteries palliated with Dr. Thomas Baffes' and Dr. William Mustard's original operations. *J Am Soc Echocardiogr*. 2009 Nov;22(11):1310.e1-4.
15. Thaler T, Aceto L, Kupferschmidt H, Mullhaupt B, **Greutmann M**. First intoxication with freshly picked *Amanita phalloides* in winter time in central Europe. *J Gastrointest Liver Dis*. 2008 Mar;17(1):111.
16. Schlaepfer M, **Greutmann M**. Der blaue Mann. *Schweiz Med Forum* 2008;8:85
17. **Greutmann M**, Marincek B, Follath F. Recurrent pneumonia--case report and review of the literature. *Ther Umsch*. 2004 Dec;61(12):700-2.

3. Review articles and editorials

1. Germans MR, Rohr J, Globas C, Schubert T, Kaserer A, Brandi G, Studt JD, **Greutmann M**, Geiling K, Verweij L, Regli L. Challenges in Coagulation Management in Neurosurgical Diseases: A Scoping Review, Development, and Implementation of Coagulation Management Strategies. *J Clin Med*. 2023 Oct 20;12(20):6637. doi: 10.3390/jcm12206637
2. **Greutmann M**. Schwangerschaft bei Frauen mit angeborenen Herzfehlern: Eine multidisziplinäre Herausforderung. *Pädiatrische Praxis* 100, 70-78 (2023). mgo fachverlage GmbH.
3. **Greutmann M**. Striving for Improved Prognostication in Adults With Repaired Aortic Coarctation: Utility of the H2FPEF Score. *JACC Adv*. 2022 Dec, 1 (5) 100147
4. **Greutmann M**. Exercise testing in adult congenital heart disease: At center stage for many reasons. *International Journal of Cardiology Congenital Heart Disease* 2021 Vol. 2 Pages 100087. DOI: <https://doi.org/10.1016/j.ijcchd.2021.100087>
5. Mair J, Diller GP, Geiger H, **Greutmann M**, Hessling G, Tobler D [Adults with congenital heart disease presenting to the emergency department : Potential pitfalls]. *Med Klin Intensivmed Notfmed*. 2022 Mar;117(2):100-111. doi: 10.1007/s00063-020-00752-6. Epub 2020 Oct 25. PMID: 33103219
6. Tobler D, **Greutmann M**. Simple cardiac shunts in adults: atrial septal defects, ventricular septal defects, patent ductus arteriosus. *Heart*. 2020 Feb;106(4):307-314.
7. **Greutmann M**, Benson L, Silversides CK. Percutaneous Valve Interventions in the Adult Congenital Heart Disease Population: Emerging Technologies and Indications. *Can J Cardiol*. 2019 Dec;35(12):1740-1749.
8. **Greutmann M**. Pulmonary artery dilatation in congenital heart disease: Size doesn't matter. *Int J Cardiol*. 2019 Feb 15;277:235-236.
9. **Greutmann M**, Buechel ERV, Jost CA. Editorial commentary: The caveats of cardiac imaging in Ebstein anomaly. *Trends Cardiovasc Med*. 2018 Aug;28(6):410-411.
10. **Greutmann M**. Tetralogy of Fallot, pulmonary valve replacement, and right ventricular volumes: are we chasing the right target? *Eur Heart J*. 2016 Mar 7;37(10):836-9.
11. **Greutmann M**, Pieper PG. Pregnancy in women with congenital heart disease. *Eur Heart J*. 2015 Oct 1;36(37):2491-9.
12. Attenhofer Jost C, Rohrbach M, Matyas G, Schoenhoff F, Baumgartner M, Oxenius A, Carrel T, Huebler M, Min K, De Pasquale G, Landau K, Kretschmar O, Odavic D, Vogt P, Faletra F, **Greutmann M**. Marfan-Syndrom. *Schweiz Med Forum* 2015;15(2930):674-683.
13. Attenhofer Jost CH, **Greutmann M**, Connolly HM, Weber R, Rohrbach M, Oxenius A, Kretschmar O, Luscher TF, Matyas G. Medical Treatment of Aortic Aneurysms in Marfan Syndrome and Other Heritable Conditions. *Curr Cardiol Rev*. 2014 Feb 14.
14. Attenhofer Jost CH, Schmidt D, Huebler M, Balmer C, Noll G, Caduff R, **Greutmann M**. Heart transplantation in congenital heart disease: in whom to consider and when? *J Transplant*. 2013;2013:376027.
15. **Greutmann M**, Silversides CK. The ROPAC registry: a multicentre collaboration on pregnancy outcomes in women with heart disease. *Eur Heart J*. 2013 Mar;34(9):634-5.

16. **Greutmann M**, Tobler D. Changing epidemiology and mortality in adult congenital heart disease: looking into the future. *Future Cardiol.* 2012 Mar;8(2):171-7.
17. Tobler D, de Stoutz N, **Greutmann M**. Supportive and palliative care for adults dying from congenital heart defect. *Curr Opin Support Palliat Care.* 2011 Jul 2. [Epub ahead of print]
18. Tobler D, Schwerzmann M, **Greutmann M**. Erwachsene mit angeborenem Herzfehler – die Rolle der Grundversorgenden. *PrimaryCare* 2011;11: Nr. 13 232-33
19. Biaggi P, Felix C, **Greutmann M**, Hürlimann D, Bettex D, Tanner FC. Dreidimensionale Echokardiographie zur Beurteilung der Mitralklappe. *Cardiovascular Medicine* 2011;14(1):4–12
20. Luscher TF, **Greutmann M**, Prêtre R, Trigo Trindade P. Erwachsene mit kongenitalen Vitien – eine neue Herausforderung für die Kardiologie. *Kardiovaskuläre Medizin* 2006;9:296-301.

4. Book chapters

1. **Greutmann M**. Repaired Complete Atrioventricular Septal Defect Patient With Late Bradyarrhythmia. In: *Arrhythmias in Adult Congenital Heart Disease. A Case-Based Approach.* Balaji S., Mandapati R., Webb GD.(eds.). Elsevier, 2019.
2. **Greutmann M**. Sudden Death Risk in Congenitally Corrected Transposition With Ventricular Dysfunction. In: *Arrhythmias in Adult Congenital Heart Disease. A Case-Based Approach.* Balaji S., Mandapati R., Webb GD.(eds.). Elsevier, 2019.
3. **Greutmann M.**, Tobler D. ACHD Advanced Directives and Discontinuation of Life in the Critical Care Environment. In: *Intensive Care of the Adult with Congenital Heart Disease.* Da Cruz E., Macrae D., Webb G. (Eds). Springer, 2019.
4. **Greutmann M.**, Tobler D. Holistic Care and Palliation. In: *Heart Failure in Adult Congenital Heart Disease.* Swan L, Frogoudaki, A. (eds.). Springer, 2018
5. **Greutmann M.**, Tobler D. Supportive and Palliative Care for Adults With Congenital Heart Disease. In: *Diagnosis and Management of Adult Congenital Heart Disease (3rd Edition).* Colman J.M., Oechslin E.N., **Greutmann M.**, Tobler, D. Selected Terms Used in Adult Congenital Heart Disease. In: *Diagnosis and Management of Adult Congenital Heart Disease (3rd Edition).* **Greutmann M.**, Mezody M., Horlick E. TEE to guide interventional cardiac procedures in the catheterization laboratory. In: *Cardiovascular Catheterization and Intervention: A Textbook of Coronary, Peripheral, and Structural Heart Disease, Second Edition.* Mukherjee D., Bates E.R., Roffi M., Lange R.A., Moliterno D.J. (eds.). CRC Press, 2017
8. **Greutmann M.**, Lüscher T.F. Zyanose. In: *Differenzialdiagnose Innerer Krankheiten*, 21. Auflage. Battegay E. (editor). Thieme, 2017
9. **Greutmann M.**, Tobler D. Cyanotic Heart Disease. In: *Pregnancy and Congenital Heart Disease.* Roos-Hesselink, J.W., Johnson M.R. (eds.). Springer, 2017
10. Tobler D., **Greutmann M**. Transposition of the Great Arteries. In: *Pregnancy and Congenital Heart Disease.* Roos-Hesselink, J.W., Johnson M.R. (eds.). Springer, 2017.
11. **Greutmann M**, Tobler D. Classification and Epidemiology. In Saremi F. (editor): *Cardiac CT and MR for Adult Congenital Heart Disease.* Springer, 2014.
12. Bettex D, Bosshart M, **Greutmann M**. Transesophageal echocardiography in adult congenital heart disease. In Reich D.L, Fischer G.W. (eds.): *Perioperative Transesophageal Echocardiography, A Companion to Kaplan's Cardiac Anesthesia.* ELSEVIER, 2013.
13. **Greutmann M**, Luescher T.F. Chapter 21: Zyanose. In Siegenthalers *Differenzialdiagnose*, 20th edition, Thieme, 2012.

14. **Greutmann M**, Tobler D. Focused Review on Sudden Cardiac Death Among Survivors With Congenital Heart Disease. In Braunwald's Heart Disease, electronic version (May 2011).
15. **Greutmann M**, Mezody M, Horlick E. Chapter 41: TEE to guide interventional cardiac procedures in the catheterization laboratory in Mukherjee D, Bates E, Roffi M. (editors): Cardiovascular Catheterization and Intervention, First Edition, Informa Healthcare, London 2010.

5. Guidelines / Position papers

1. Sendi P, Hasse B, Frank M, Flückiger U, Boggian K, Guery B, Jeger R, Zbinden S, Agyeman P, Knirsch W, **Greutmann M**. Infective endocarditis: prevention and antibiotic prophylaxis. Swiss Med Wkly. 2021 Feb 28;151:w20473. doi: 10.4414/smw.2021.20473. eCollection 2021 Feb 15. PMID: 33705562
2. Schriber M, Sendi P, **Greutmann M**, Bornstein MM. Dental Medicine and Infective Endocarditis: Current guidelines for antibiotic prophylaxis and recommendations for daily clinical practice. Swiss Dent J. 2021 Mar 8;131(3):245-251. PMID: 33666387
3. Schwerzmann M, Goossens E, Gallego P, Kovacs AH, Moons P, Swan L, Tobler D, de Stoutz N, Gabriel H, **Greutmann M**, Roos-Hesselink JW, Sobanski PZ, Thomet C. Recommendations for advance care planning in adults with congenital heart disease: a position paper from the ESC Working Group of Adult Congenital Heart Disease, the Association of Cardiovascular Nursing and Allied Professions (ACNAP), the European Association for Palliative Care (EAPC), and the International Society for Adult Congenital Heart Disease (ISACHD). Eur Heart J. 2020 Aug 29.
4. Bouchardy J, **Greutmann M**, Schwerzmann M, Attenhofer Jost C, De Pasquale G, Oxenius A, Rutz T, Wustmann K, Balmer C, Tobler D. Grown-up congenital heart disease: Recommendations for standards of care. Cardiovascular Medicine. 2015;18(04):144-145
5. Silversides CK, Dore A, Poirier N, Taylor D, Harris L, **Greutmann M**, Benson L, Baumgartner H, Celermajer D, Therrien J. Canadian Cardiovascular Society 2009 Consensus Conference on the management of adults with congenital heart disease: shunt lesions. Can J Cardiol. 2010 Mar;26(3):e70-9.
6. Silversides CK, Marelli A, Beauchesne L, Dore A, Kiess M, Salehian O, Bradley T, Colman J, Connelly M, Harris L, Khairy P, Mital S, Niwa K, Oechslin E, Poirier N, Schwerzmann M, Taylor D, Vonder Muhll I, Baumgartner H, Benson L, Celermajer D, **Greutmann M**, Horlick E, Landzberg M, Meijboom F, Mulder B, Warnes C, Webb G, Therrien J. Canadian Cardiovascular Society 2009 Consensus Conference on the management of adults with congenital heart disease: executive summary. Can J Cardiol. 2010 Mar;26(3):143-50.

ESC Scientific Document Group: guideline reviewer:

Baumgartner H, De Backer J, Babu-Narayan SV, Budts W, Chessa M, Diller GP, Lung B, Klain J, Lang IM, Meijboom F, Moons P, Mulder BJM, Oechslin E, Roos-Hesselink JW, Schwerzmann M, Sondergaard L, Zeppenfeld K; ESC Scientific Document Group. 2020 ESC Guidelines for the management of adult congenital heart disease. Eur Heart J. 2021 Feb 11;42(6):563-645. doi: 10.1093/eurheartj/ehaa554. PMID: 32860028

6. Websites

- Editor of: [ISACHD - CHD Glossary](#)
- Editor of: www.heartdiseaseandpregnancy.com
- Editor of: www.sgk-watch.ch

7. Selected Invited talks

- Nov 2023** *Cardiology Grand Rounds, University of Alberta, Canada*
d-Transposition of the great arteries – the long road to success
- May 2023** *EuroACHD 2023, Paris, France*
- Pulmonary valve replacement in tetralogy of Fallot : Debate on timing (should we have a proactive or a conservative approach)
- Nov 2022** *Toronto ACHD International Rounds, Toronto, Canada*
- Management of patients with unrepaired cyanotic CHD: What can we offer?
- Sep 2022** *18e Congrès Médico-Chirurgical de la FCPC, Paris, France*
- Quand et comment aborder la fin de vie chez un Fontan ?
- Sep 2022** 51st meeting Swiss Society of Intensive care, Basel, CH
- Hemodynamic Management of Adults with Congenital Heart Disease
- Aug 2022** *European Society of Cardiology annual meeting, Barcelona, ESP*
- Optimal timing of pulmonary valve replacement in repaired tetralogy of Fallot
- Jun 2022** *Core Curriculum, Klinik für Kardiologie, Kantonsspital Aarau*
- Erwachsene mit angeborenen Herzfehlern
- Sep 2021** 50th anniversary meeting Swiss Society of Intensive care, Interlaken, CH
- Single Ventricle from Birth to Adulthood: Outcome and complications in adulthood
- May 2021** *AEPC 2021, Gothenburg, Sweden (virtual meeting)*
- Debate: Surgical treatment of tricuspid insufficiency in double discordance (ccTGA): Watchful waiting
- May 2021** *EuroACHD 2021, Seville, Spain (virtual meeting)*
- Debate: Indication for pulmonary valve replacement based on right ventricular volumes
- Apr 2019** *10th EuroGUCH 2019, Zagreb, Croatia*
- Left AV Valve Regurgitation after AVSD Repair
- Mar 2019** *Keynote lecture Hungarian Society for ACHD, Budapest, HU*
- Pulmonary valve replacement after TOF-repair: When is it too late?
- Nov 2018** *Jornadas Anddaluzas de Cardiopatias Congenitas del Adulto, Seville, ESP*
- Pulmonary valvulation – do we have evidence?
- Aug 2018** *European Society of Cardiology annual meeting, Barcelona, ESP*
- Prosthetic valve endocarditis in congenital heart disease
- Sep 2017** *27th International Symposium on Adult Congenital Heart Disease, Cincinnati, US*
- Case-based learning: Case presentation from Team Switzerland
- May 2016** *Annual meeting of the European Society of Contraception, Basel, CH*
Contraception in Women with cardiac malformations
- Jun 2015** *25th International Symposium on Adult Congenital Heart Disease, Toronto, CA*
- End of life care, patient / provider perspectives
- Case-based learning: Case presentation from Team Switzerland
- Feb 2015** *Cardiology update 2015, Davos, Switzerland*

- Case based learning: Congenital Heart Disease
- Jun 2014** *24th International Symposium on Adult Congenital Heart Disease, Cincinnati, US*
 - Transition: Disease specific model with separate pediatric and adult hospitals
 - Case-based learning: Case presentation from Team Switzerland
- May 2014** *Annual meeting of the European Society of Contraception, Lisbon, PT*
 - Contraception in Women with Heart Disease
- Aug 2013** *Annual meeting of the European Society of Cardiology, Amsterdam, NL*
 - The fate of survivors with complex congenital heart disease: implications for adult congenital heart disease clinics?
- Feb 2013** *Cardiology update 2013, Davos, Switzerland*
 - Congenital Heart Disease and Pregnancy
- Jun 2012** *22nd International Symposium on Adult Congenital Heart Disease, Toronto, CA*
 - Shifting Mortality: What Can We Expect?
- Feb 2011** *Cardiology update 2011, Davos, Switzerland*
 - The modified natural history of congenital heart disease
- Nov 2010** *Annual meeting of the Swiss rhythm society, Luzern, Switzerland*
 - Arrhythmias in Adults with Congenital Heart Disease