



**Michael Kühne**

**Contact**

Michael Kühne

## Publications (39)

Stauber A, Mueller A, Rommers N, Aeschbacher S, Rodondi N, Bonati L, Beer J, Jeger R, Kurz D, Liedtke C, Ammann P, Di Valentino M, Chocano-Bedoya P, Kobza R, Kühne M, Conen D, Osswald S, Bernheim A. Association of chocolate consumption with neurological and cardiovascular outcomes in atrial fibrillation: data from two Swiss atrial fibrillation cohort studies (Swiss-AF and BEAT-AF). *Swiss Med Wkly* 2023; 153:40109.

De Marchis G, Krisai P, Werlen L, Sinnecker T, Aeschbacher S, Dittrich T, Polymeris A, Coslovsky M, Blum M, Rodondi N, Reichlin T, Moschovitis G, Wuerfel J, Lyrer P, Fischer U, Conen D, Kästner P, Ziegler A, Osswald S, Kühne M, Bonati L, Swiss-AF investigators. Biomarker, Imaging, and Clinical Factors Associated With Overt and Covert Stroke in Patients With Atrial Fibrillation. *Stroke* 2023

Moutzouri E, Glutz M, Abolhassani N, Feller M, Adam L, Gencer B, Del Giovane C, Bétrisey S, Paladini R, Hennings E, Aeschbacher S, Beer J, Moschovitis G, Seiffge D, De Marchis G, Coslovsky M, Reichlin T, Conte G, Sinnecker T, Schwenkglens M, Bonati L, Kästner P, Aujesky D, Kühne M, Osswald S, Fischer U, Conen D, Rodondi N. Association of statin use and lipid levels with cerebral microbleeds and intracranial hemorrhage in patients with atrial fibrillation: A prospective cohort study. *Int J Stroke* 2023:17474930231181010.

Frey S, Brenner R, Theuns D, Al-Shoaibi N, Crawley R, Ammann P, Sticherling C, Kühne M, Osswald S, Schaer B. Follow-up of CRT-D patients downgraded to CRT-P at the time of generator exchange. *Front Cardiovasc Med* 2023; 10:1217523.

Hennings E, Blum S, Aeschbacher S, Coslovsky M, Knecht S, Eken C, Lischer M, Paladini R, Krisai P, Reichlin T, Rodondi N, Beer J, Ammann P, Conte G, De Perna M, Kobza R, Blum M, Bossard M, Kästner P, Ziegler A, Müller A, Bonati L, Pfister O, Zuern C, Conen D, Kühne M, Osswald S, Swiss-AF Investigators. Bone Morphogenetic Protein 10-A Novel Biomarker to Predict Adverse Outcomes in Patients With Atrial Fibrillation. *J Am Heart Assoc* 2023; 12:e028255.

Herber E, Aeschbacher S, Coslovsky M, Schwendinger F, Hennings E, Gasser A, Di Valentino M, Rigamonti E, Reichlin T, Rodondi N, Netzer S, Beer J, Stauber A, Müller A, Ammann P, Sinnecker T, Duering M, Wuerfel J, Conen D, Kühne M, Osswald S, Bonati L, Swiss-AF investigators. Physical activity and brain health in patients with atrial fibrillation. *Eur J Neurol* 2022

Mannhart D, Badertscher P, Serban T, Kühne M, Ammann P, Sticherling C. Using a smartwatch for the detection of loss of left ventricular capture in patients receiving cardiac resynchronization therapy. *Heart Rhythm* 2022; 20:146-148.

Kühne M, Krisai P, Coslovsky M, Rodondi N, Müller A, Beer J, Ammann P, Auricchio A, Moschovitis G, Hayoz D, Kobza R, Shah D, Stephan F, Schläpfer J, Di Valentino M, Aeschbacher S, Ehret G, Eken C, Monsch A, Roten L, Schwenkglens M, Springer A, Sticherling C, Reichlin T, Zuern C, Meyre P, Blum S, Sinnecker T, Würfel J, Bonati L, Conen D, Osswald S, Swiss-AF investigators. Silent brain infarcts impact on cognitive function in atrial fibrillation. *Eur Heart J* 2022; 43:2127-2135.

Polymeris A, Helfenstein F, Benkert P, Aeschbacher S, Leppert D, Coslovsky M, Willemsse E, Schaedel S, Blum M, Rodondi N, Reichlin T, Moschovitis G, Wuerfel J, De Marchis G, Engelter S, Lyrer P, Conen D, Kühne M, Osswald S, Bonati L, Kuhle J, Swiss-AF investigators. Renal Function and Body Mass Index Contribute to Serum Neurofilament Light Chain Levels in Elderly Patients With Atrial Fibrillation. *Front Neurosci* 2022; 16:819010.

Girod M, Coslovsky M, Aeschbacher S, Sticherling C, Reichlin T, Roten L, Rodondi N, Ammann P, Auricchio A, Moschovitis G, Kobza R, Badertscher P, Knecht S, Krisai P, Marugg A, Aebbersold H, Hennings E, Serra-Burriel M, Schwenkglens M, Zuern C, Bonati L, Conen D, Osswald S, Kühne M. Association of pulmonary vein isolation and major cardiovascular events in patients with atrial fibrillation. *Clin Res Cardiol* 2022; 111:1048-1056.

Blum S, Aeschbacher S, Coslovsky M, Meyre P, Reddiess P, Ammann P, Erne P, Moschovitis G, Di Valentino M, Shah D, Schläpfer J, Müller R, Beer J, Kobza R, Bonati L, Moutzouri E, Rodondi N, Meyer-Zürn C, Kühne M, Sticherling C, Osswald S, Conen D, BEAT-AF and Swiss-AF Investigators. Long-term risk of adverse outcomes according to atrial fibrillation type. *Sci Rep* 2022; 12:2208.

Krisai P, Novak J, Osswald S, Kühne M, Knecht S, Streicher O, Auf der Maur E, Reichlin T, Ammann P, Pavlovic N, Zeljkovic I, Roten L, Sticherling C. Prospective Evaluation of a Standardized Screening for Atrial Fibrillation after Ablation of Cavotricuspid Isthmus Dependent Atrial Flutter. *J Clin Med* 2021; 10

De Marchis G, Sposato L, Kühne M, Ditttrich T, Bonati L, Fischer U, Chaturvedi S. New Avenues for Optimal Treatment of Atrial Fibrillation and Stroke Prevention. *Stroke* 2021; 52:1490-1499.

Blum S, Conen D, Osswald S, Sticherling C, Baguley F, Kästner P, Blum M, Bonati L, Moschovitis G, Ammann P, Beer J, Rodondi N, Kühne M, Meyre P, Aeschbacher S, BEAT-AF and Swiss-AF Investigators. Insulin-like growth factor-binding protein 7 and risk of congestive heart failure hospitalization in patients with atrial fibrillation. *Heart Rhythm* 2020

Meyre P, Osswald S, Conen D, Kühne M, Schwenkglens M, Sticherling C, Bonati L, Meyer-Zürn C, Mathys R, Blum M, Ammann P, Di Valentino M, Beer J, Rodondi N, Blum S, Aeschbacher S, Springer A, Swiss-AF investigators. Association of psychosocial factors with all-cause hospitalizations in patients with atrial fibrillation. *Clin Cardiol* 2020; 44:51-57.

Polymeris A, Coslovsky M, Aeschbacher S, Sinnecker T, Benkert P, Kobza R, Beer H, Rodondi N, Fischer U, Moschovitis G, Monsch A, Springer A, Schwenkglens M, Wuerfel J, De Marchis G, Lyrer P, Kühne M, Osswald S, Conen D, Kuhle J, Bonati L, and for the Swiss-AF Investigators. Serum neurofilament light in atrial fibrillation: clinical, neuroimaging and cognitive correlates. *Brain Commun* 2020; 2:fcaa166.

Frey S, Sticherling C, Altmann D, Brenner R, Kühne M, Ammann P, Coslovsky M, Osswald S, Schaer B. The Medtronic Sprint Fidelis® lead history revisited-Extended follow-up of passive leads. *Pacing Clin Electrophysiol* 2019

Blum S, Schläpfer J, Henz S, Meyer-Zürn C, Roten L, Schwenkglens M, Sticherling C, Kühne M, Osswald S, Conen D, Shah D, Di Valentino M, Moschovitis G, Aeschbacher S, Meyre P, Zwimpfer L, Reichlin T, Beer J, Ammann P, Auricchio A, Kobza R, Erne P, Swiss-AF Investigators. Incidence and Predictors of Atrial Fibrillation Progression. *J Am Heart Assoc* 2019; 8:e012554.

Conen D, Sticherling C, Bonati L, Ehret G, Moutzouri E, Fischer U, Monsch A, Stippich C, Wuerfel J, Sinnecker T, Coslovsky M, Schwenkglens M, Kühne M, Osswald S, Meyre P, Blum S, Rodondi N, Müller A, Beer J, Ammann P, Moschovitis G, Auricchio A, Hayoz D, Kobza R, Shah D, Novak J, Schläpfer J, Di Valentino M, Aeschbacher S, Swiss-AF Study Investigators. Relationships of Overt and Silent Brain Lesions With Cognitive Function in Patients With Atrial Fibrillation. *J Am Coll Cardiol* 2019; 73:989-999.

Ruperti Repilado F, Osswald S, Sticherling C, Kühne M, Stempfeler S, Schläpfer J, Shah D, Di Valentino M, Moschovitis G, Erne P, Ammann P, Krisai P, Aeschbacher S, Blum S, Doerig L, Conen D. Prevalence and predictors of atrial fibrillation type among individuals with recent onset of atrial fibrillation. *Swiss Med Wkly* 2018; 148:w14652.

Eggimann L, Osswald S, Sticherling C, Kühne M, Mondet N, Schläpfer J, Shah D, Di Valentino M, Moschovitis G, Erne P, Ammann P, Reusser A, Aeschbacher S, Blum S, Conen D. Risk factors for heart failure hospitalizations among patients with atrial fibrillation. *PLoS one* 2018; 13:e0191736.

Knecht S, Sticherling C, Osswald S, Schaer B, Ammann P, Altmann D, Mühl A, Spies F, Reichlin T, Burch F, Kühne M. First clinical experience of a dedicated irrigated-tip radiofrequency ablation catheter for the ablation of cavotricuspid isthmus-dependent atrial flutter. *Clin Res Cardiol* 2017

Reusser A, Osswald S, Sticherling C, Kühne M, Reichlin T, Manser S, Schläpfer J, Shah D, Di Valentino M, Moschovitis G, Erne P, Ammann P, Eggimann L, Aeschbacher S, Blum S, Conen D. QTc interval, cardiovascular events and mortality in patients with atrial fibrillation. *Int J Cardiol* 2017; 252:101-105.

Brenner R, Lippuner K, Sticherling C, Ramsay D, Krasniqi N, Duru F, Knaus U, Girod G, Hellermann J, Christen S, Yoon S, Ammann P, Kühne M. Reduction of falls and fractures after permanent pacemaker implantation in elderly patients with sinus node dysfunction. *Europace* 2017; 19:1220-1226.

Blum S, Osswald S, Sticherling C, Kühne M, Merkel T, Fischer A, Schläpfer J, Shah D, Di Valentino M, Moschovitis G, Erne P, Ammann P, Aeschbacher S, Muff C, Conen D. Prospective Assessment of Sex-Related Differences in Symptom Status and Health Perception Among Patients With Atrial Fibrillation. *J Am Heart Assoc* 2017; 6

Zimny M, Osswald S, Sticherling C, Kühne M, Tabord A, Vogt C, Schläpfer J, Shah D, Di Valentino M, Moschovitis G, Erne P, Ammann P, Blum S, Conen D. Uptake of non-vitamin K antagonist oral anti coagulants in patients with atrial fibrillation - a prospective cohort study. *Swiss Med Wkly* 2017; 147:w14410.

Frey S, Sticherling C, Kraus R, Ammann P, Kühne M, Osswald S, Schaer B. Very late follow-up of a passive defibrillator lead under recall: do failure rates increase during long-term observation. *Pacing Clin Electrophysiol* 2015; 38:306-10.

Knecht S, Sticherling C, von Felten S, Conen D, Schaer B, Ammann P, Altmann D, Osswald S, Kühne M. Long-term comparison of cryoballoon and radiofrequency ablation of paroxysmal atrial fibrillation: a propensity score matched analysis. *Int J Cardiol* 2014; 176:645-50.

Knecht S, Kühne 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. *J Cardiovasc Electrophysiol* 2012; 24:132-8.

Kühne 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. *J Interv Card Electrophysiol* 2012; 36:47-54.

Kühne 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* 2012; 10:241-6.

Ehl N, Kühne M, Brinkert M, Müller-Brand J, Zellweger M. Diabetes reduces left-ventricular ejection fraction - irrespective of CAD presence and extent. *Eur J Endocrinol* 2011

Kühne 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* 2010

Kühne 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.

Kühne 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.

Kühne 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.

Altmann D, Kühne M, Sticherling C, Osswald S, Schaer B. Use of the CHADS2 risk score to guide antithrombotic treatment in patients with atrial fibrillation--room for improvement. *Swiss Med Wkly* 2010; 140:73-7.

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.

Sticherling C, Schaer B, Coenen M, Kühne M, Ammann P, Osswald S. Cardiac resynchronization therapy in chronic heart failure. *Swiss medical weekly : official journal of the Swiss Society of Infectious Diseases, the Swiss Society of Internal Medicine, the Swiss Society of Pneumology* 2006; 136:611-7.

## Projects (0)

No results found.

---

Kantonsspital St.Gallen

Rorschacher Strasse 95

CH-9007 St.Gallen

T: +41 71 494 11 11

[support.forschung@kssg.ch](mailto:support.forschung@kssg.ch)