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## **Ausbildung**

- 2004 Staatsexamen, Johannes Gutenberg Universität Mainz, Deutschland
- 2011 Facharzt FMH allgemeine Innere Medizin
- 2012 Facharzt FMH Kardiologie
- 2013 EHRA Zertifizierung „Cardiac Pacing and ICDs“
- 2013 EHRA Zertifizierung „Invasive Cardiac Electrophysiology“

## **Bisherige ärztliche Tätigkeit**

- 2005-2006 Assistenzarzt Herzchirurgie, Inselspital Bern
- 2006-2008 Assistenzarzt Innere Medizin, Bürgerspital Solothurn
- 2008 stv. Oberarzt Medizin, Bürgerspital Solothurn
- 2009-2010 Assistenzarzt Kardiologie, Inselspital Bern
- 2011 Oberarzt Kardiologie, Bürgerspital Solothurn
- 2012 Assistenzarzt Kardiologie, Schwerpunkt EP, Insel/Sonnenhof
- 2013-2014 EP Fellowship, The Heart Hospital, UCLH, London UK
- 2014-2019 Leitender Arzt Kardiologie, Aufbau und Leitung Rhythmologie (zunächst als Oberarzt in Zusammenarbeit mit Fr. Dr. N. Schwick), Solothurner Spitäler AG
- 2014-2023 Belegarzt Elektrophysiologie, Universitätsspital Basel
- 2019-2023 Belegarzt Inselspital, Universitätsspital Bern
- 2019-heute Facharzt für Kardiologie spez. Herzrhythmusstörungen HNZ Aare**
- 2024-heute Belegarzt Elektrophysiologie Klinik Beau-Site, Hirslanden Bern**

## Schwerpunkte und Interessen

Elektrophysiologie, speziell Katheterablationen, Schrittmacher und ICD/CRT Therapie, angeborene Arrhythmien (z.B. Brugada Syndrom, Long QT Syndrom usw.) und plötzlicher Herztod

## Mitgliedschaften

Verbindung der Schweizer Ärztinnen und Ärzte (FMH)

Schweizer Gesellschaft für Kardiologie (SGK)

Arbeitsgruppe Herzschrittmacher und Elektrophysiologie der SGK

European Heart Rhythm Association (European Society of Cardiology)

Gesellschaft der Ärztinnen und Ärzte des Kantons Solothurn (GAeSo)

Ärztevereinigung der Stadt Solothurn und Umgebung

## Publikationen

### *Dissertation:*

*Validity of EUROSCORE in young patients?* (2006, Universität Bern)

### *Veröffentlichungen:*

*Prevention of rupture of abdominal aortic aneurysm*, Savolainen H, **Novak J**, Dick F, Widmer MK, Carrel T, Schmidli J, Meier B, Scand J Surgery, 2010;99(4):217-20

*Aktueller Stellenwert: Vorhofflimmern und Ablation*, Delacrétaiz E, **Novak J**, info@herz+gefäss 06/2012

*Treatment of Electrical Storm with Amiodarone in Brugada Syndrome- an Unexpected Protective Effect* **Novak J**, Lambiase PD, J Genet Syndr Gene Ther 4: 176 2013

*Acute respiratory distress syndrome following straightforward pulmonary vein isolation*, **Novak J**; Segal O, Europace 2013; doi: 10.1093/europace/eut287

*Repetitive narrow and broad beats causing mild LV impairment: what is the mechanism?*, **Novak J**, Sepahpour A, Segal OR, Pacing Clin Electrophysiol. 2014 Nov;37(11):1565-7. doi: 10.1111/pace.12436

*A rare presentation of a rare complication of ruptured AAA ... how cardiology comes into play*, K Mülchi, **J Novak**, G Hellige, M K Widmer, R Vogel, Cardiovascular Medicine 2014;17(7–8):232–235

*Short-term high altitude exposure at 3454 m is well tolerated in patients with stable heart failure*, Schmid JP, Nobel D, Brugger N, **Novak J**, Palau P, Trepp A, Wilhelm M, Saner H, Eur J Heart Fail. 2015 Feb;17(2):182-6. doi: 10.1002/ejhf.227. Epub 2015 Jan 19

*Transvenous Implantable Cardioverter-Defibrillator (ICD) Lead Performance: A Meta-Analysis of Observational Studies*, Providência R, Kramer DB, Pimenta D, Babu GG, Hatfield LA, Ioannou A, **Novak J**, Hauser RG, Lambiase PD, J Am Heart Assoc. 2015 Oct 30;4(11). pii: e002418. doi: 10.1161/JAHA.115.002418.

*Topsy-turvy ventricular tachycardia*, F Moccettia, **J Novak**, A Mühl, M Kühne, Cardiovascular Medicine 2016;19(4):132–133

*Entrapment of a diagnostic catheter in a novel multipolar basket catheter (Orion™) during right atrial mapping*, Knecht S, **Novak J**, Kühne M, Europace. 2016 May 18. pii: euw114

*Electrocardiographic differentiation of idiopathic right ventricular outflow tract ectopy from early arrhythmogenic right ventricular cardiomyopathy*. **Novak J**, Zorzi A, Castelletti S, Pantasis A, Rigato I, Corrado D, McKenna W, Lambiase PD, Europace. 2016 Jun 23. pii: euw018

*Was ist Ihre Diagnose? Herzrasen*, L Glutz von Blotzheim, R Vogel, **J Novak**, DOI: 10.4414/smf.2017.02951, Schweiz Med Forum 2017;17(1516):356-360

*Design of the Swiss Atrial Fibrillation Cohort Study (Swiss-AF): structural brain damage and cognitive decline among patients with atrial fibrillation*, D Conen, N Rodondi, A Mueller, J Beer, A Auricchio, P Ammann, D Hayoz, R Kobza, G Moschovitis, D Shah, J Schlaepfer, **J Novak**, M Valentino, P Erne, C Sticherling, L Bonati, G Ehret, L Roten, U Fischer, A Monsch, C Stippich, J Wuerfel, M Schwenkglenks, M Kuehne, S Osswald, Swiss Med Wkly. 2017;147:w14467, DOI:10.4414/smw.2017.14467

*Positional pseudo-alternating bundle-branch-block on implantable loop recorder electrogram*. Perrin T, Kühne M, **Novak J**. Indian Pacing Electrophysiol J. 2018 Sep 28. pii: S0972-6292(18)30160-8. doi: 10.1016/j.ipej.2018.09.001

*Review article: A rare cause of dilated cardiomyopathy in Switzerland: Chagas heart disease*, D Schild, R Fankhauser, N Arenja, **J Novak**, Cardiovasc Med 2018;21(12):02002, DOI: <https://doi.org/10.4414/cvm.2018.02002>

*Relationships of Overt and Silent Brain Lesions with Cognitive Function in Patients with Atrial Fibrillation*, D Conen, N Rodondi, A Müller, J Beerg, P Ammann, G Moschovitis, A Auricchio, D Hayoz, R Kobza, D Shah, **J Novak**, J Schlaepfer, M Di Valentino, S Aeschbacher, S Blum, P Meyre, C Sticherling, L Bonati, G Ehret, E Moutzouri, U Fischer, A Monsch, C Stippich, J Wuerfel, T Sinnecker, Coslovsky, M Schwenkglenks, M Kühne, S Osswald, JAMA

*Symptoms and quality of life in patients with coexistent atrial fibrillation and atrial flutter*, S Stempfel, S Aeschbacher, S Blum, P Meyre, R Gugganig, J Beer, R Kobza, M Kühne, G Moschovitis, G Menghini, **J Novak**, S Osswald, N Rodondi, E Moutzouri, M Schwenkglenks, F Witassek, D Conen, C Sticherling, IJC Heart & Vasculature 29 (2020) 100556

*Prospective Evaluation of a Standardized Screening for Atrial Fibrillation after Ablation of Cavotricuspid Isthmus Dependent Atrial Flutter*; P Krisai, L Roten, I Zeljkovic, N Pavlovic, P Ammann, T Reichlin, E Auf der Maur, O Streicher, S Knecht, M Kühne, Stefan Osswald, **J Novak** and C Sticherling, J. Clin. Med. 2021, 10(19), 4453; <https://doi.org/10.3390/jcm10194453>

*Dexmedetomidine versus propofol for operator-directed nurse-administered procedural sedation during catheter ablation of atrial fibrillation: A randomized controlled study*, H Servatius, T Küffer, S Baldinger, B Asatryan, J Seiler, H Tanner, **J Novak**, A Lam, F Noti, A Haeblerlin, A Madaffari, R Sweda, A Mühl, M Branca, S Dütschler, G Erdoes, F Stüber, L Theiler, T Reichlin, L Roten, MD, Heart Rhythm 2021 Dec 28;S1547-5271(21)02520-0. doi: 10.1016/j.hrthm.2021.12.028. Online ahead of print.

#### **Posterpräsentationen/Vorträge:**

*Differential diagnosis between early/minor arrhythmogenic right ventricular cardiomyopathy and idiopathic right-ventricular outflow tract tachycardia based on ectopic beats QRS morphology*, A Zorzi, **J Novak**, S Castelletti, A Pantasis, D Corrado W McKenna, P Lambiase, **ESC 2014**

*X-ray free implantation of a permanent pacemaker during pregnancy using a 3d electro-anatomic mapping system*, A Mühl\*, T Reichlin, B Schaer, S Knecht, C Ramazzina, **J Novak**, S Osswald, C Sticherling, Kühne, **SGK 2015, Best Abstract “Clinical Cases”**

*Symptoms and Health Perception in Atrial Fibrillation Patients from the Swiss Atrial Fibrillation Cohort Study (Swiss-AF)*, S Aeschbacher, A Reusser, D Shah, G Moschovitis, R Kobza, P Erne, **J Novak**, N Arenja, S Osswald, Laurent Roten, P Ammann, J Schläpfer, M Schwenkglenks, A Auricchio, D Conen on behalf of the Swiss-AF cohort investigators, **Congress of the European Society of Cardiology 2017, Barcelona**

*Prevalence of atrial fibrillation in patients undergoing ablation for typical atrial flutter in Switzerland*, **J Novak**, N Pavlovic, P Ammann, D Altmann, M Kühne, T Reichlin, S Knecht, C Sticherling, **SGK 2018**

*Relationship between structural brain damage and cognitive function in patients with atrial fibrillation*, S Aeschbacher, D Conen, N Rodondi, J H Beer, A Auricchio, D Hayoz, D Shah, **J Novak**, M Di Valentino, E Moutzouri, A U Monsch, C Stippich, J Würfel, M Kühne, S Osswald on behalf of the Swiss-AF investigators, **Congress of the European Society of Cardiology 2018, Munich**

*Incidence of atrial fibrillation early after cavotricuspid isthmus ablation*, P Krisai, O Streicher, P Meyre, P Hämmerle, F Steiner, P Reddiess, I Zeljkovic, N Pavlovic, P Ammann, T Reichlin, A Madaffari, M Kühne, S Osswald, **J Novak**, C Sticherling, **accepted for EHRA 2020, cancelled due to COVID pandemic**