

## PubMed-gelistete Publikationen (Erst-/Letztautorschaften zuerst, Originalarbeiten und Übersichtsartikel)

- 1: **Halbfass P**, Berkovitz A, Pavlov B, Sonne K, Nentwich K, Ene E, Hoerning F, Barth S, Zacher M, Deneke T. Incidence of acute thermal esophageal injury after atrial fibrillation ablation guided by prespecified ablation index. *J Cardiovasc Electrophysiol*. 2019 Nov;30(11):2256-2261. doi: 10.1111/jce.14193. Epub 2019 Sep 30. PMID: 31559655.
- 2: **Halbfass P**, Lehmkuhl L, Foldyna B, Berkovitz A, Sonne K, Nentwich K, Ene E, Fochler F, Hörning F, Matveeva A, Lüsebrink U, Deneke T. Correlation of magnetic resonance imaging and post-ablation endoscopy to detect oesophageal thermal injury in patients after atrial fibrillation ablation: MRI-EDEL-study. *Europace*. 2020 Jul 1;22(7):1009-1016. doi: 10.1093/europace/euaa081. PMID: 32428229.
- 3: **Halbfass P**, Ludwig D, Sonne K, Nentwich K, Ene E, Berkovitz A, Foldyna B, Barth S, Müller J, Lehmkuhl L, Lüsebrink U, Waechter C, Deneke T. Acute and long-term outcomes of VT radiofrequency catheter ablation in patients with versus without an intramural septal substrate. *Indian Pacing Electrophysiol J*. 2021 Oct 14;50972-6292(21)00147-9. doi: 10.1016/j.ipej.2021.10.002. Epub ahead of print. PMID: 34655759.
- 4: **Halbfass P**, Wielandts JY, Knecht S, Le Polain de Waroux JB, Tavernier R, De Wilde V, Sonne K, Nentwich K, Ene E, Berkovitz A, Mueller J, Lehmkuhl L, Reichart A, Lüsebrink U, Duytschaever M, Deneke T. Safety of very high-power short-duration radiofrequency ablation for pulmonary vein isolation: a two- centre report with emphasis on silent oesophageal injury. *Europace*. 2021 Nov 10;euab261. doi: 10.1093/europace/euab261. Epub ahead of print. PMID: 34757432.
- 5: **Halbfass P**, Pavlov B, Müller P, Nentwich K, Sonne K, Barth S, Hamm K, Fochler F, Mügge A, Lüsebrink U, Kuhn R, Deneke T. Progression From Esophageal Thermal Asymptomatic Lesion to Perforation Complicating Atrial Fibrillation Ablation: A Single-Center Registry. *Circ Arrhythm Electrophysiol*. 2017 Aug;10(8):e005233. doi: 10.1161/CIRCEP.117.005233. PMID: 28798021.
- 6: Deneke T, Nentwich K, Berkovitz A, Sonne K, Ene E, Pavlov B, Fochler F, Bötsch AK, Kuhn R, **Halbfaß P**. High-Resolution Infrared Thermal Imaging of the Esophagus During Atrial Fibrillation Ablation as a Predictor of Endoscopically Detected Thermal Lesions: Results From the HEAT-AF Study. *Circ Arrhythm Electrophysiol*. 2018 Nov;11(11):e006681. doi: 10.1161/CIRCEP.118.006681. PMID: 30376732.
- 7: **Halbfass P**, Müller P, Nentwich K, Sonne K, Hamm K, Barth S, Fochler F, Mügge A, Deneke T. Repetitive atrial activation during ongoing atrial fibrillation- comparison using different mapping algorithms: preliminary findings. *J Interv Card Electrophysiol*. 2017 Jun;49(1):67-74. doi: 10.1007/s10840-017-0244-8. Epub 2017 Mar 31. PMID: 28364320.
- 8: **Halbfass P**, Plewan A, Dennig K, Kolb C, Schmitt C. TEE-geführte Kardioversion bei Patienten mit Vorhofflimmern ohne vorherige Antikoagulation [TEE-guided cardioversion in patients with atrial fibrillation without previous anticoagulation]. *Herzschrittmacherther Elektrophysiol*. 2006 Sep;17(3):127-32. German. doi: 10.1007/s00399-006-0523-z. PMID: 16969726.
- 9: **Halbfass P**, Müller P, Nentwich K, Krug J, Roos M, Hamm K, Barth S, Szöllösi A, Mügge A, Schieffer B, Deneke T. Incidence of asymptomatic oesophageal lesions after atrial fibrillation ablation using an oesophageal temperature probe with insulated thermocouples: a comparative controlled study. *Europace*. 2017 Mar 1;19(3):385-391. doi: 10.1093/europace/euw070. Erratum in: *Europace*. 2017 May 1;19(5):704. PMID: 27540039.
- 10: **Halbfass P**, Nentwich K, Krug J, Roos M, Sonne K, Ene E, Hamm K, Barth S, Szöllösi A, Fochler F, Mügge A, Lüsebrink U, Deneke T. Impact of surround flow catheter tip irrigation in contact force ablation on the incidence of asymptomatic oesophageal lesions after atrial fibrillation ablation: a prospective comparative study. *Europace*. 2017 Jul 1;19(7):1116-1122. doi: 10.1093/europace/euw119. PMID: 27353324.

- 11: **Halbfass P**, Janko S, Dorwarth U, Riess G, Antoni D, Hoffmann E. Dilemma of antithrombotic therapy in anticoagulated atrial fibrillation patients squeezed between thrombosis and bleeding events: a single-centre experience. *Europace*. 2009 Jul;11(7):957-60. doi: 10.1093/europace/eup131. Epub 2009 Jun 3. PMID: 19493910.
- 12: **Halbfass PM**, Mitlacher M, Turschner O, Brachmann J, Mahnkopf C. Lesion formation after pulmonary vein isolation using the advance cryoballoon and the standard cryoballoon: lessons learned from late gadolinium enhancement magnetic resonance imaging. *Europace*. 2015 Apr;17(4):566-73. doi: 10.1093/europace/euu260. Epub 2015 Jan 21. PMID: 25614338.
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- 15: **Halbfaß P**, Nentwich K, Sonne K, Ene E, Fochler F, Mügge A, Schieffer B, Deneke T. Katheterablation ventrikulärer Extrasystolen und Kammertachykardien im hohen Alter [Catheter ablation of ventricular extrasystoles and ventricular tachycardia in the elderly]. *Herzschrittmacherther Elektrophysiol*. 2017 Mar;28(1):9-15. German. doi: 10.1007/s00399-017-0483-5. Epub 2017 Feb 7. PMID: 28175981.
- 16: Deneke T, Mügge A, Ene E, Nentwich K, **Halbfaß P**. Catheter Ablation of Ventricular Tachycardia in Nonischemic Cardiomyopathy: The Relevance of Pathology Subtype and Experience of Centers: The More the Better? *JACC Clin Electrophysiol*. 2018 Sep;4(9):1151-1154. doi: 10.1016/j.jacep.2018.06.013. PMID: 30236387.
- 17: Müller P, Makimoto H, Dietrich JW, Fochler F, Nentwich K, Krug J, Duncker D, Blockhaus C, Kelm M, Fürnkranz A, Deneke T, **Halbfass P**. Association of left atrial low-voltage area and thromboembolic risk in patients with atrial fibrillation. *Europace*. 2018 Nov 1;20(FI\_3):f359-f365. doi: 10.1093/europace/eux172. PMID: 29016757.
- 18: Deneke T, Mügge A, Nentwich K, **Halbfaß P**. Phrenic Nerve Injury During Isolation of the Superior Vena Cava: Prevention Using Diaphragmatic Compound Motor Action Potentials - "Primum Nil Nocere.". *J Cardiovasc Electrophysiol*. 2016 Apr;27(4):396-8. doi: 10.1111/jce.12946. Epub 2016 Mar 1. PMID: 26840380.
- 19: Piringer R, Deneke T, Foldyna B, Sonne K, Nentwich K, Ene E, Barth S, Lüsebrink U, Berkovitz A, **Halbfass P**. Incidence of ablation-induced esophageal injury associated with high-power short duration temperature-controlled pulmonary vein isolation using a specialized open-irrigated ablation catheter: A retrospective single-center study. *J Cardiovasc Electrophysiol*. 2021 Mar;32(3):695-703. doi: 10.1111/jce.14883. Epub 2021 Jan 23. PMID: 33442930.
- 20: Deneke T, Mügge A, Kerber S, Nentwich K, Fochler F, Müller P, Grewe P, **Halbfass P**. Differenzialdiagnostik der Breitkomplex-Tachykardie [Differential diagnosis of tachycardia with a broad QRS-complex]. *Herzschrittmacherther Elektrophysiol*. 2015 Sep;26(3):214-26. German. doi: 10.1007/s00399-015-0387-1. Epub 2015 Sep 1. PMID: 26323810.
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- 22: Berkovitz A, Deneke T, Ene E, **Halbfaß P**, Hebe J, Hobbiesiefken S, Katus HA, Konrad T, Lange B, Marx A, Nentwich K, Neuzner J, Paliege R, Reinhardt A, Rostock T, Siebels J, Scholz EP, Sonne K. Ventrikuläre Extrasystolen und Breitkomplextachykardien [Ventricular extrasystoles and wide complex tachycardias]. *Herzschrittmacherther Elektrophysiol*. 2019 Mar;30(1):38-50. German. doi: 10.1007/s00399-019-0612-4. Epub 2019 Mar 8. PMID: 30848338.
- 23: Ene E, **Halbfaß P**, Nentwich K, Sonne K, Roos M, Fodor S, Lehmkuhl L, Gietzen F, Barth S, Hamm K, Deneke T. Epikardiale Ablation ventrikulärer Tachykardien [Epicardial ablation of ventricular tachycardias]. *Herzschrittmacherther Elektrophysiol*. 2017 Jun;28(2):212-218. German. doi: 10.1007/s00399-017-0501-7. Epub 2017 May 9. PMID: 28488109.

- 24: Deneke T, Nentwich K, **Halbfaß P**, Sommer P. There is glory in prevention!-Atrio-esophageal fistula and atrial fibrillation ablation. *Europace*. 2021 Apr 6;23(4):491-493. doi: 10.1093/europace/euaa417. PMID: 33439994.
- 25: Ene E, **Halbfaß P**, Nentwich K, Sonne K, Berkovitz A, Wolf AK, Deneke T. Epikardiales Mapping und Ablation bei ventrikulären Tachykardien : Bei wem, wann, wie und mit welchen Erfolgsaussichten? [Epicardial VT ablation : In whom, when, how and why?]. *Herzschrittmacherther Elektrophysiol*. 2018 Sep;29(3):300-306. German. doi: 10.1007/s00399-018-0578-7. Epub 2018 Jun 26. PMID: 29946891.
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- 28: Deneke T, Jais P, Scaglione M, Schmitt R, Di Biase L, Christopoulos G, Schade A, Mügge A, Bansmann M, Nentwich K, Müller P, Krug J, Roos M, **Halbfass P**, Natale A, Gaita F, Haines D. Silent cerebral events/lesions related to atrial fibrillation ablation: a clinical review. *J Cardiovasc Electrophysiol*. 2015 Apr;26(4):455-463. doi: 10.1111/jce.12608. Epub 2015 Feb 11. PMID: 25556518.
- 29: Hamm K, Reents W, Zacher M, **Halbfass P**, Kerber S, Diegeler A, Schieffer B, Barth S. Omission of predilation in balloon-expandable transcatheter aortic valve implantation: retrospective analysis in a large-volume centre. *EuroIntervention*. 2017 Jun 2;13(2):e161-e167. doi: 10.4244/EIJ-D-17-00011. PMID: 28344186.
- 30: Nentwich K, Ene E, **Halbfass P**, Berkowitz A, Sonne K, Kerber S, Lee R, Deneke T. Concomitant epicardial left atrial appendage ligation and left atrial ablation of atrial fibrillation: Safety, feasibility and outcome. *Indian Pacing Electrophysiol J*. 2021 Mar-Apr;21(2):75-79. doi: 10.1016/j.ipej.2021.01.001. Epub 2021 Jan 15. PMID: 33460777; PMCID: PMC7952894.
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- 33: Müller J, Behnes M, Schupp T, Reiser L, Taton G, Reichelt T, Ellguth D, Borggreffe M, Engelke N, Bollow A, Kim SH, Weidner K, Ansari U, Mashayekhi K, Akin M, **Halbfass P**, Meininghaus DG, Akin I, Rusnak J. Clinical outcome of out- of-hospital vs. in-hospital cardiac arrest survivors presenting with ventricular tachyarrhythmias. *Heart Vessels*. 2021 Nov 16. doi: 10.1007/s00380-021-01976-y. Epub ahead of print. PMID: 34783873.
- 34: Waechter C, Ausbuettel F, Chatzis G, Fischer D, Nef H, Barth S, **Halbfaß P**, Deneke T, Kerber S, Divchev D, Schieffer B, Luesebrink U. Analysis of Atrial Fibrillation Treatment Regimes in a Multicenter Cohort of Transcatheter Edge-to- Edge Mitral Valve Repair Patients. *J Interv Cardiol*. 2020 Aug 28;2020:6542028. doi: 10.1155/2020/6542028. PMID: 32934608; PMCID: PMC7474750.
- 35: Barth S, Hamm K, Fodor S, Reents W, Kerber S, **Halbfass P**, Hautmann MB, Schieffer B, Soda H. Incidence and Clinical Impact of Cerebral Lesions after the MitraClip® Procedure. *J Heart Valve Dis*. 2017 Mar;26(2):175-184. PMID: 28820547.
- 36: Barth S, Hautmann MB, Kerber S, Gietzen F, Zacher M, **Halbfass P**, Müller P, Schade A, Deneke T, Diegeler A, Schieffer B, Hamm K. Hemodynamic Improvement at Three Months after MitraClip® Treatment in End-Stage Heart Failure Patients with Functional Mitral Regurgitation. *J Heart Valve Dis*. 2016 Jul;25(4):475-482. PMID: 28009952.

- 37: Barth S, Zacher M, Reinecke H, Hautmann MB, Kerber S, Gietzen F, **Halbfass P**, Schade A, Deneke T, Schieffer B, Hamm K. Decreasing incidence of coronary heart disease in extreme obesity (BMI $\geq$ 40)-A single centre experience. *Obes Res Clin Pract*. 2017 Jul-Aug;11(4):435-444. doi: 10.1016/j.orcp.2016.08.007. Epub 2016 Sep 6. PMID: 27612569.
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- 39: Müller P, **Halbfass P**, Deneke T. Association of left atrial low-voltage area and thrombo-embolic risk in patients with atrial fibrillation: Authors' reply. *Europace*. 2018 Nov 1;20(FI\_3):f459-f460. doi: 10.1093/europace/eux338. PMID: 29161370.
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- 42: Barth S, Shalla A, Kikec J, Kerber S, Zacher M, Reents W, Lehmkuhl L, Foldyna B, **Halbfass P**, Lüsebrink U, Hautmann MB. Functional and hemodynamic results after transcatheter mitral valve leaflet repair with the PASCAL device depending on etiology in a real-world cohort. *J Cardiol*. 2021 Dec;78(6):577-585. doi: 10.1016/j.jjcc.2021.08.008. Epub 2021 Sep 1. PMID: 34479788.
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