

## Wissenschaftliche Veröffentlichungen

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### Originalarbeiten mit Erst- oder Letztautorenschaft

1. **Piorkowski C**, Grothoff M, Gaspar T, Eitel C, Sommer P, Huo Y, John S, Gutberlet M, Hindricks G. Cavotricuspid isthmus ablation guided by real-time magnetic resonance imaging. *Circ Arrhythm Electrophysiol*. 2013 Feb; 6 (1): e7-10.
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5. Eitel C, Gaspar T, Bode K, Andrea B, Sommer P, Stoepel C, Sarwas T, Grebe E, Thiele H, Hindricks G, **Piorkowski C**. Temporary left ventricular stimulation in patients with refractory cardiogenic shock and asynchronous left ventricular contraction: a safety and feasibility study. *Heart Rhythm*. 2013 Jan; 10 (1): 46-52.
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9. **Piorkowski C**, Hindricks G. Nonfluoroscopic sensor-guided navigation of intracardiac electrophysiology catheters within prerecorded cine loops. *Circ Arrhythm Electrophysiol*. 2011 Aug; 4 (4): e36-8.
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11. **Piorkowski C**, Eitel C, Rolf S, Bode K, Sommer P, Gaspar T, Kircher S, Wetzel U, Parwani AS, Boldt LH, Mende M, Bollmann A, Husser D, Dagues N, Esato M, Arya A, Haverkamp W, Hindricks G. Steerable versus nonsteerable sheath technology in atrial fibrillation ablation: a prospective, randomized study. *Circ Arrhythm Electrophysiol*. 2011 Apr; 4 (2): 157-65.
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13. Eitel C, Hindricks G, Sommer P, Gaspar T, Kircher S, Wetzel U, Dagues N, Esato M, Bollmann A, Husser D, Hilbert S, Zaker-Shaharak R, Arya A, **Piorkowski C**. Circumferential pulmonary vein isolation and linear left atrial ablation as single

catheter technique to achieve bidirectional conduction block: The “Pace-and-Ablate” approach. *Heart Rhythm*. 2010; 7 (2): 157-64.

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20. **Piorkowski C**, Kottkamp H, Gerds-Li JH, Arya A, Sommer P, Dagues N, Esato M, Riahi S, Weiss S, Kircher S, Hindricks G. Steerable sheath catheter navigation for ablation of atrial fibrillation: a case-control study. *Pacing Clin Electrophysiol*. 2008 Jul; 31 (7): 863-73.
21. **Piorkowski C**, Kircher S, Arya A, Gaspar T, Esato M, Riahi S, Bollmann A, Husser D, Staab C, Sommer P, Hindricks G. Computed tomography model-based treatment of atrial fibrillation and atrial macro-re-entrant tachycardia. *Europace*. 2008 Aug; 10 (8): 939-48.
22. **Piorkowski C**, Hindricks G, Schreiber D, Tanner H, Weise W, Koch A, Gerds-Li JH, Kottkamp H. Electroanatomic reconstruction of the left atrium, pulmonary veins, and esophagus compared with the "true anatomy" on multislice computed tomography in patients undergoing catheter ablation of atrial fibrillation. *Heart Rhythm*. 2006 Mar; 3 (3): 317-27.
23. **Piorkowski C**, Kottkamp H, Arya A, Thiele H, Gerds-Li JH, Sommer P, Gerdes C, Hindricks G. Catheter ablation of ventricular tachycardia in patients with arrhythmogenic right ventricular cardiomyopathy: approach and outcome using three-dimensional electroanatomic mapping. *Seminars in Cardiology*. 2006 Oct; 12 (1): 27-33.
24. **Piorkowski C**, Kottkamp H, Tanner H, Kobza R, Nielsen JC, Arya A, Hindricks G. Value of different follow-up strategies to assess the efficacy of circumferential pulmonary vein ablation for the curative treatment of atrial fibrillation. *J Cardiovasc Electrophysiol*. 2005 Dec; 16 (12): 1286-92.

### **Originalarbeiten mit Koautorenschaft**

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supported by novel non-fluoroscopic 4D navigation technology. *Heart Rhythm*. 2013 May 13. [Epub ahead of print]

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5. Kiuchi K, Kircher S, Watanabe N, Gaspar T, Rolf S, Arya A, **Piorkowski C**, Hindricks G, Sommer P. Quantitative analysis of isolation area and rhythm outcome in patients with paroxysmal atrial fibrillation after circumferential pulmonary vein antrum isolation using the pace-and-ablate technique. *Circ Arrhythm Electrophysiol*. 2012 Aug 1; 5 (4): 667-75.
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cardiomyopathy: acute results and its effect on long-term survival. *Pacing Clin Electrophysiol.* 2010 Dec; 33 (12): 1504-9.

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## **Case reports**

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2. Buchta P, Arya A, Hindricks G, **Piorkowski C**, Poloński L, Gąsior M, Zembala M. Ablation of incessant ventricular tachycardia with the use of epicardial approach in a patient after CABG - a case report. *Kardiol Pol.* 2011; 69 (2): 191-4.
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4. Schoenbauer R, Huo Y, Hindricks G, **Piorkowski C**. Two completely separated arrhythmias in one single heart chamber. *Europace.* 2011 Apr; 13 (4): 589-90.
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## Übersichtsartikel

1. Sommer P, Rolf S, Richter S, Hindricks G, **Piorkowski C**. Non-fluoroscopic catheter tracking: the MediGuide™ system. *Herzschrittmacherther Elektrophysiol*. 2012 Dec; 23 (4): 289-95.
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3. Dagres N, Varounis C, Gaspar T, **Piorkowski C**, Eitel C, Iliodromitis EK, Lekakis JP, Flevari P, Simeonidou E, Rallidis LS, Tsougos E, Hindricks G, Sommer P, Anastasiou-Nana M. Catheter ablation for atrial fibrillation in patients with left ventricular systolic dysfunction. A systematic review and meta-analysis. *J Card Fail*. 2011 Nov; 17 (11): 964-70.
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5. Altmann D, Hindricks G, Arya A, **Piorkowski C**, Gaspar T, Eitel C, Sommer P. Management of patients pre-, per- and postcatheter ablation procedures: how to minimize complications? *Minerva Cardioangiol*. 2011 Apr; 59 (2): 171-86.
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## **Editorials**

1. Hindricks G, **Piorkowski C**. Surgical ablation of atrial fibrillation after the PRAGUE-12 study: more questions than answers. *Eur Heart J.* 2012 Nov; 33 (21): 2636-8
2. Hindricks G, **Piorkowski C**. Atrial fibrillation monitoring: mathematics meets real life. *Circulation.* 2012 Aug 14; 126 (7): 791-2.

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## **Buchartikel**

1. **Piorkowski C**, Hindricks G. Principles of NavX Mapping. In: Shenasa M, Hindricks G, Borggrefe M, Breithardt G (Hrsg.) *Cardiac Mapping, Third Edition*. Wiley-Blackwell, 2009; S 71-85.
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