

Publikationen und publizierte Abstracts 2016

- [1] Bögeholz, N.; Pauls, P.; Kaese, S.; Schulte, J.; Lemoine, M.; Dechering, D.; Frommeyer, G.; Goldhaber, J.; Seidl, M.; Kirchhefer, U.; Eckardt, L.; Müller, F.; Pott, C.: Triggered activity in atrial myocytes is influenced by Na⁺/Ca²⁺-exchanger activity in genetically altered mice. In: *J Mol Cell Cardiol*, (2016), 106–115, DOI:10.1016/j.yjmcc.2016.11.004.
- [2] Deniz, E.; Hanke, S.-J.; Egger, C.; Urribari, A.; Reiss, N.; Avsar, M.; Warnecke, G.; Cebotari, S.; Shrestha, M.; Haverich, A.: Predictors of thromboembolic events in left ventricular assist devices. In: *Eur Heart J*, (2016), Suppl 1, 792, DOI:10.1093/eurheartj/ehw433.
- [3] Deniz, E.; Reiss, N.; Avsar, M.; Rojas, S.; Hanke, S.-J.; Martens, A.; Tudorache, I.; Ismail, I.; Haverich, A.; Schmitto, J.-D.: The Clinical Impact of Atrial Arrhythmia in Patients with Left Ventricular Assist Device. In: *Thorac cardiovasc Surg*, (2016), S 01, DOI:10.1055/s-0036-1571571.
- [4] Deniz, E.; Röper, G.; Reiss, N.; Rojas Hernandez, S.; Hanke, S.-J.; Cebotari, S.; Optenhöfel, J.; Avsar, M.; Schilling, T.; Haverich, A.; Schmitto, J.-D.: Digital Stethoskope System-VADoskope. A New Diagnostic Tool to Detect Thrombus Formation. In: *Thorac cardiovasc Surg*, (2016), S 01, DOI:10.1055/s-0036-1571672.
- [5] Imnadze, G.; Awad, K.; Bachour, K.; Kranig, W.: Implantation meets intervention. Retrograde wiring for coronary vein angioplasty during CRT implantation. In: *Clin Res Cardiol*, (2016), 12, 1051–1053, DOI:10.1007/s00392-016-1032-7.
- [6] Imnadze, G.; Balzer, S.; Meyer, B.; Neumann, J.; Krech, R.; Thale, J.; Franz, N.; Warnecke, H.; Awad, K.; Hayek, S.; Devireddy, C.: Anatomic Patterns of Renal Arterial Sympathetic Innervation. New Aspects for Renal Denervation. In: *J Interv Cardiol*, (2016), 6, 594–600, DOI:10.1111/joic.12343.
- [7] Imnadze, G.; Hofmann, S.; Warnecke, H.; Zerm, T.: Epicardial ablation of ventricular tachycardia using pericardioscopy through submammary minimal thoracotomy. In: *Interact Cardiovasc Thorac Surg*, (2016), 4, 498–500, DOI:10.1093/icvts/ivv394.
- [8] Imnadze, G.; Kacharava, A.: Myocardial Bridge Complicated by Acute Myocardial Infarction. In: *Rev Cardiovasc Med*, (2016), 3-4, 149–153.

- [9] Kowalski, M.; Franz, N.; Hofmann, S.; Ritter, F.; Thale, J.; Warnecke, H.: Transapical transcatheter aortic valve implantation followed by transfemoral transcatheter edge-to-edge repair of the tricuspid valve using the MitraClip system - a new treatment concept for an inoperable patient with significant aortic stenosis and severe tricuspid valve regurgitation. In: *Postepy Kardiol Interwencyjnej*, (2016), 3, 262–266, DOI:10.5114/aic.2016.61650.
- [10] Larbig, R.; Dittrich, R.; Kochhaeuser, S.; Leitz, P.; Guener, F.; Korsukewitz, C.; Dechering, D.; Pott, C.; Wasmer, K.; Schmitges, J.; Kerckhoff, M.; Eckardt, L.; Moennig, G.: Influence of Clinical Parameters and Anticoagulation on Intraprocedural Cerebral Microembolic Signals during Pulmonary Vein Isolation. In: *PloS one*, (2016), 6, e0157886, DOI:10.1371/journal.pone.0157886.
- [11] Leitz, P.; Güner, F.; Wasmer, K.; Foraita, P.; Pott, C.; Dechering, D.; Zellerhoff, S.; Kochhäuser, S.; Lange, P.; Eckardt, L.; Mönnig, G.: Data on procedural handling and complications of pulmonary vein isolation using the pulmonary vein ablation catheter GOLD®. In: *Europace*, (2016), 5, 696–701, DOI:10.1093/europace/euv355.
- [12] Martire, A.; Bedada, F.; Uchida, S.; Pöling, J.; Krüger, M.; Warnecke, H.; Richter, M.; Kubin, T.; Herold, S.; Braun, T.: Mesenchymal stem cells attenuate inflammatory processes in the heart and lung via inhibition of TNF signaling. In: *Basic Res Cardiol*, (2016), 5, 54, DOI:10.1007/s00395-016-0573-2.
- [13] Neidlin, M.; Corsini, C.; Sonntag, S.; Schulte-Eistrup, S.; Schmitz-Rode, T.; Steinseifer, U.; Pennati, G.; Kaufmann, T.: Hemodynamic analysis of outflow grafting positions of a ventricular assist device using closed-loop multiscale CFD simulations. Preliminary results. In: *J Biochem*, (2016), 13, 2718–2725, DOI:10.1016/j.jbiomech.2016.06.003.
- [14] Reiss, N.; Altesellmeier, M.; Mommertz, S.; Schmidt, T.; Schulte-Eistrup, S.; Willemsen, D.: Hemodynamics and physical capacity in patients with left ventricular assist devices. An overview. In: *Herz*, (2016), 6, 507–513, DOI:10.1007/s00059-015-4396-y.
- [15] Reiss, N.; Deniz, E.; Jan, S.; Willemsen, D.: Inpatient Rehabilitation of Biventricular Support Patients - A Special Challenge. In: *J Heart Lung Transplant*, (2016), 4, 390-391, DOI:10.1016/j.healun.2016.01.1126.
- [16] Reiss, N.; Schmidt, T.; Altesellmeier, M.; Mommertz, S.; Willemsen, D.: Non-Invasive measurement of cardiac output in LVAD patients at rest and during exercise using the intergas-rebreathing method. (V133). In: *Clin Res Cardiol*, (2016), Suppl 1.
- [17] Reiss, N.; Schmidt, T.; Mommertz, S.; Altesellmeier, M.; Willemsen, D.; Schulte-Eistrup, S.: The Role of Inertgas-Rebreathing Method During Exercise Testing in LVAD Patients. In: *J Heart Lung Transplant*, (2016), 4, 386, DOI:10.1016/j.healun.2016.01.1112.
- [18] Reiss, N.; Schmidt, T.; Workowski, A.; Willemsen, D.; Schmitto, J.; Haverich, A.; Bjarnason-Wehrens, B.: Physical capacity in LVAD patients: hemodynamic principles, diagnostic tools and training control. In: *Int J Artif Organs*, (2016), 9, 451–459, DOI:10.5301/ijao.5000529.

- [19] Schmidt, T.; Bjarnason-Wehrens, B.; Mommertz, S.; Willemsen, D.; Reiss, N.: Körperliche Leistungsfähigkeit am Ende einer kardiologischen Rehabilitation (AHB) bei Patienten (≤ 50 Jahre) mit einem linksventrikulären Herzunterstützungssystem (LVAD). (P1739). In: *Clin Res Cardiol*, (2016), Suppl 1.
- [20] Shin, J.; Watanabe, S.; Hoelper, S.; Krüger, M.; Kostin, S.; Pöling, J.; Kubin, T.; Braun, T.: BRAF activates PAX3 to control muscle precursor cell migration during forelimb muscle development. In: *eLife*, (2016), DOI:10.7554/eLife.18351.
- [21] Wasmer, K.; Foraita, P.; Leitz, P.; Güner, F.; Pott, C.; Lange, P.; Eckardt, L.; Mönnig, G.: Safety profile of multielectrode-phased radiofrequency pulmonary vein ablation catheter and irrigated radiofrequency catheter. In: *Europace*, (2016), 1, 78–84, DOI:10.1093/europace/euv046.
- [22] Wasmer, K.; Krüsemann, D.; Leitz, P.; Güner, F.; Pott, C.; Zellerhoff, S.; Dechering, D.; Köbe, J.; Lange, P.; Eckardt, L.; Mönnig, G.: Lower rate of left atrial tachycardia after pulmonary vein isolation with PVAC versus irrigated-tip circumferential antral ablation. In: *Heart rhythm*, (2016), 8, 1596–1601, DOI:10.1016/j.hrthm.2016.02.017.
- [23] Wedekind, H.; Rozhnev, A.; Kleine-Katthöfer, P.; Kranig, W.: Epileptic seizure in a patient with an implantable cardioverter-defibrillator. Quo vadis right ventricular lead? In: *Herzschrittmacherther Elektrophysiol*, (2016), 1, 63–66, DOI:10.1007/s00399-015-0405-3.
- [24] Willemsen, D.; Cordes, C.; Bjarnason-Wehrens, B.; Knoglinger, E.; Langheim, E.; Marx, R.; Reiss, N.; Schmidt, T.; Workowski, A.; Bartsch, P.; Baumbach, C.; Bongarth, C.; Phillips, H.; Radke, R.; Riedel, M.; Schmidt, S.; Skobel, E.; Toussaint, C.; Glatz, J.: Rehabilitationsstandards für die Anschlussheilbehandlung und allgemeine Rehabilitation von Patienten mit einem Herzunterstützungssystem (VAD – ventricular assist device). In: *Clin Res Cardiol Suppl*, (2016), 1, 2–49, DOI:10.1007/s11789-015-0077-x.
- [25] Zellerhoff, S.; Lenze, F.; Ullerich, H.; Bittner, A.; Wasmer, K.; Köbe, J.; Pott, C.; Eckardt, L.; Mönnig, G.: Esophageal and Mediastinal Lesions Following Multielectrode Duty-Cycled Radiofrequency Pulmonary Vein Isolation. Simple Equals Safe? In: *Pacing Clin Electrophysiol*, (2016), 4, 316–320, DOI:10.1111/pace.12797.