

## HC Publikationen 2022

1. A. J. Busse, S. Freilinger, A. Eicken, P. Ewert, A. Freiberger, M. Huntgeburth, N. Nagdyman, F. von Scheidt, H. Kaemmerer, M. Weyand, Healthcare status of adults with pulmonary hypertension due to congenital heart disease. *Cardiovasc Diagn Ther* **12**, 840-852 (2022).
2. M. Elbayomi, E. Nooh, M. Weyand, A. Agaimy, F. Harig, Dysphonia as a Presenting Symptom of a Giant Left Atrial Sarcoma Developing within Five Years. *Thorac Cardiovasc Surg Rep* **11**, e50-e53 (2022).
3. M. Elbayomi, M. Weyand, C. Heim, K. Steger, R. Tandler, Retrograde washout of prepump LVAD thrombosis in a patient on HeartWare support. *J Card Surg* **37**, 3440-3442 (2022).
4. M. Elbayomi, M. Weyand, T. Seitz, C. Heim, K. Steger, R. Tandler, Recovery of a dilated left ventricle after cessation of cocaine and HVAD explantation using a titanium plug. *J Card Surg* **37**, 5551-5555 (2022).
5. A. Freiberger, A. Busse, P. Ewert, M. Huntgeburth, H. Kaemmerer, N. Kohls, N. Nagdyman, C. Richter, C. Rohrich, F. von Scheidt, M. Weyand, S. Freilinger, C. Andonian, Quality of life in adults with congenital heart disease with and without pulmonary hypertension: a comparative study. *Cardiovasc Diagn Ther* **12**, 758-766 (2022).
6. S. Gorner, C. Heim, B. Weigmann, B. von Silva-Tarouca, A. Kuckhahn, M. Ramsperger-Gleixner, R. Zimmermann, M. Weyand, S. M. Ensminger, Direct Impact of Human Platelets on the Development of Transplant Arteriosclerosis. *Transplantation* **106**, 1180-1192 (2022).
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8. C. Heim, P. P. Muller, R. Tandler, W. S. Cherikh, A. E. Toll, J. Stehlik, M. Weyand, K. K. Khush, S. M. Ensminger, Cytomegalovirus Donor Seropositivity Negatively Affects Survival After Heart Transplantation. *Transplantation* **106**, 1243-1252 (2022).
9. M. J. Klumm, C. Heim, D. J. Fiegle, M. Weyand, T. Volk, T. Seidel, Long-Term Cultivation of Human Atrial Myocardium. *Front Physiol* **13**, 839139 (2022).
10. D. Martonova, D. Holz, D. Brackenhammer, M. Weyand, S. Leyendecker, M. Alkassar, Support Pressure Acting on the Epicardial Surface of a Rat Left Ventricle-A Computational Study. *Front Cardiovasc Med* **9**, 850274 (2022).
11. D. Martonova, D. Holz, J. Seufert, M. T. Duong, M. Alkassar, S. Leyendecker, Comparison of stress and stress-strain approaches for the active contraction in a rat cardiac cycle model. *J Biomech* **134**, 110980 (2022).
12. J. Mauer, A. Kuckhahn, M. Ramsperger-Gleixner, S. M. Ensminger, J. H. W. Distler, M. Weyand, C. Heim, Nintedanib reduces alloimmune-induced chronic airway changes in murine tracheal allografts. *Transpl Immunol* **73**, 101608 (2022).
13. P. Pathare, M. Elbayomi, R. Tandler, M. Weyand, F. Harig, Successive surgical repair of a progressive aortic dissection in a case of Loeys-Dietz Syndrome. *J Card Surg* **37**, 5634-5638 (2022).
14. P. Pathare, M. Weyand, C. Heim, Prolapsing Left Atrial Mass Presenting as Syncope. *Thorac Cardiovasc Surg Rep* **11**, e44-e46 (2022).

15. E. V. Potapov, N. Politis, M. Karck, M. Weyand, R. Tandler, T. Walther, F. Emrich, H. Reichenspurrner, A. Bernhardt, M. J. Barten, P. Svenarud, J. Gummert, D. Sef, T. Doenst, D. Tsyganenko, A. Loforte, F. Schoenrath, V. Falk, Results from a multicentre evaluation of plug use for left ventricular assist device explantation. *Interact Cardiovasc Thorac Surg* **34**, 683-690 (2022).
16. C. Sinning, M. Huntgeburth, N. Fukushima, R. Tompkins, J. Huh, S. Tataneo, G. P. Diller, Y. S. Chen, E. Zengin, C. Magnussen, A. S. Kaemmerer, Y. H. Cho, S. Blankenberg, C. Rickers, F. Harig, M. Weyand, M. Hubler, Y. von Kodolitsch, O. Oto, A. Zuckermann, P. Kirchhof, H. Baumgartner, H. Reichenspunner, J. Kobashigawa, H. Kaemmerer, K. Niwa, Treatment of advanced heart failure in adults with congenital heart disease: a narrative review and clinical cases. *Cardiovasc Diagn Ther* **12**, 727-743 (2022).
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19. F. Wiesmueller, D. S. Bryan, C. Krautz, R. Grutzmann, M. Weyand, T. Strecker, Predictors and severity of intestinal ischaemia following on-pump cardiac surgery: a retrospective, propensity-matched analysis. *Eur J Cardiothorac Surg* **62**, (2022).