

## Publikationsliste Dr. med. Christian Rosendal

- 1. Cardiac and hemodynamic consequences during capnoperitoneum and steep Trendelenburg positioning: lessons learned from robot-assisted laparoscopic prostatectomy.**  
Rosendal C, Markin S, Hien MD, Motsch J, Roggenbach J.  
J Clin Anesth. 2014 Jul 30. pii: S0952-8180(14)00100-7. doi: 10.1016/j.jclinane.2014.01.014. [Epub ahead of print]
- 2. Image quality influences the assessment of left ventricular function: an intraoperative comparison of five 2-dimensional echocardiographic methods with real-time 3-dimensional echocardiography as a reference.**  
Grossgasteiger M, Hien MD, Graser B, Rauch H, Motsch J, Gondan M, Rosendal C.  
J Ultrasound Med. 2014 Feb;33(2):297-306. doi: 10.7863/ultra.33.2.297.
- 3. In response.**  
Rosendal C, Hien MD.  
Anesth Analg. 2013 Oct;117(4):1025-6. No abstract available.
- 4. Reproducibility in echocardiographic two- and three-dimensional mitral valve assessment.**  
Hien MD, Großgasteiger M, Weymann A, Rauch H, Rosendal C.  
Echocardiography. 2014 Mar;31(3):311-7. doi: 10.1111/echo.12365. Epub 2013 Sep 13.
- 5. Experts and beginners benefit from three-dimensional echocardiography: a multicenter study on the assessment of mitral valve prolapse.**  
Hien MD, Großgasteiger M, Rauch H, Weymann A, Bekeredjian R, Rosendal C.  
J Am Soc Echocardiogr. 2013 Aug;26(8):828-34. doi: 10.1016/j.echo.2013.04.015. Epub 2013 May 23.
- 6. Assessment of left ventricular size and function during cardiac surgery. An intraoperative evaluation of six two-dimensional echocardiographic methods with real time three-dimensional echocardiography as a reference.**  
Grossgasteiger M, Hien MD, Graser B, Rauch H, Gondan M, Motsch J, Rosendal C.  
Echocardiography. 2013 Jul;30(6):672-81. doi: 10.1111/echo.12116. Epub 2013 Feb 14.
- 7. Entanglement of a circular mapping catheter in the mitral valve with persistent iatrogenic atrial septal defect after attempted pulmonary vein isolation: a word of caution.**  
Weymann A, Schmack B, Rauch H, Rosendal C, Karck M, Szabó G.  
Ann Thorac Cardiovasc Surg. 2014;20(3):250-2. Epub 2012 Dec 26.
- 8. Surgical management of subaortic stenosis.**  
Weymann A, Schmack B, Rosendal C, Karck M, Szabó G.  
Ann Thorac Cardiovasc Surg. 2013;19(5):390-3. Epub 2012 Nov 30.
- 9. Real-time three-dimensional transesophageal echocardiography: improvements in intraoperative mitral valve imaging.**  
Hien MD, Rauch H, Lichtenberg A, De Simone R, Weimer M, Ponta OA, Rosendal C.  
Anesth Analg. 2013 Feb;116(2):287-95. doi: 10.1213/ANE.0b013e318262e154. Epub 2012 Jul 13.

- 10. Thromboembolus crossing patent foramen ovale: appearance in multislice computed tomography and echocardiography.**  
Weymann A, Schmack B, Rosendal C, Karck M, Szabo G.  
Ann Thorac Cardiovasc Surg. 2012;18(3):256-8.
- 11. Comparison of intraoperative three-dimensional Doppler color flow mapping to assess mitral regurgitation.**  
Hien MD, Weymann A, Rauch H, Grossgasteiger M, Motsch J, Rosendal C.  
Echocardiography. 2012 Aug;29(7):849-57. doi: 10.1111/j.1540-8175.2012.01706.x. Epub 2012 May 8.
- 12. Right ventricular function during orthotopic liver transplantation: three-dimensional transesophageal echocardiography and thermodilution.**  
Rosendal C, Almammat Uulu K, De Simone R, Wolf I, Deckert A, Martin EO, Böttiger BW, Rauch H.  
Ann Transplant. 2012 Jan-Mar;17(1):21-30.
- 13. Tricuspid valve endocarditis with septic pulmonary emboli in a drug addict.**  
Weymann A, Schmack B, Rosendal C, Rauch H, Karck M, Tochtermann U, Szabó G.  
Ann Thorac Cardiovasc Surg. 2012;18(5):481-4. Epub 2012 Mar 24.
- 14. Left ventricular outflow tract: intraoperative measurement and changes caused by mitral valve surgery.**  
Rosendal C, Hien MD, Bruckner T, Martin EO, Szabo G, Rauch H.  
J Am Soc Echocardiogr. 2012 Feb;25(2):166-72. doi: 10.1016/j.echo.2011.10.008. Epub 2011 Nov 10.
- 15. Injury of the blood brain barrier and up-regulation of icam-1 in polymicrobial sepsis.**  
Hofer S, Bopp C, Hoerner C, Plaschke K, Faden RM, Martin E, Bardenheuer HJ, Weigand MA.  
J Surg Res. 2008 May 15;146(2):276-81. doi: 10.1016/j.jss.2007.07.021. Epub 2007 Aug 23.
- 16. Hemofiltration and immune response in severe sepsis.**  
Hörner C, Schuster S, Plachky J, Hofer S, Martin E, Weigand MA.  
J Surg Res. 2007 Sep;142(1):59-65.
- 17. Spinal cord ischemia after endovascular repair of the descending thoracic aorta in a sheep model.**  
Böckler D, Kotelis D, Kohlhof P, von Tengg-Kobligk H, Mansmann U, Zink W, Hörner C, Ortlepp I, Habel A, Kauczor HU, Graf B, Allenberg JR.  
Eur J Vasc Endovasc Surg. 2007 Oct;34(4):461-9. Epub 2007 Aug 1.
- 18. The systemic inflammatory response syndrome.**  
Weigand MA, Hörner C, Bardenheuer HJ, Bouchon A.  
Best Pract Res Clin Anaesthesiol. 2004 Sep;18(3):455-75. Review.
- 19. [Role of the innate immune response in sepsis].**  
Hörner C, Bouchon A, Bierhaus A, Nawroth PP, Martin E, Bardenheuer HJ, Weigand MA.  
Anaesthesist. 2004 Jan;53(1):10-28. Review. German.
- 20. Heterologous expression of human VEGF165 in rat brain: dose-dependent, heterogeneous effects on CBF in relation to vascular density and cross-sectional area.**  
Vogel J, Hörner C, Haller C, Kuschinsky W.  
J Cereb Blood Flow Metab. 2003 Apr;23(4):423-31.