

8 Appendix 1-8 (Originalarbeiten)

Appendix 1: Kuehne T et al. Magnetic resonance imaging analysis of right ventricular pressure-volume loops: in-vivo validation and application in patients with pulmonary hypertension. *Circulation*. 2004 Oct 5;110(14):2010-6.

Appendix 2: Kuehne T et al. Magnetic resonance imaging-guided transcatheter implantation of a prosthetic valve in aortic valve position: feasibility study in swine. *J Am Coll Cardiol*. 2004 Dec 7;44(11):2247-9.

Appendix 3: Kuehne T et al. Endovascular stents in pulmonary valve and artery in swine: feasibility study of MR imaging-guided deployment and postinterventional assessment. *Radiology*. 2003 Feb;226(2):475-81.

Appendix 4: Kuehne T et al. Pair of resonant fiducial markers for localization of endovascular catheters at all catheter orientations. *J Magn Reson Imaging*. 2003 May;17(5):620-4.

Appendix 5: Kuehne T et al. Catheter visualization with resonant markers at MR imaging-guided deployment of vascular stents in swine. *Radiology*. 2004 Dec;233(3):774-80.

Appendix 6: Kuehne T et al. Influence of blood-pool contrast media on MR imaging and flow measurements in the presence of pulmonary artery stents in swine. *Radiology*. 2002 May;223(2):439-45.

Appendix 7: Kuehne T et al. Sequential magnetic resonance monitoring of pulmonary flow with endovascular stents placed across the pulmonary valve in growing swine. *Circulation*. 2001 Nov 6;104(19):2363-8.

Appendix 8: Kuehne T et al. MRI guided catheterization for assessment of pulmonary vascular resistance: in-vivo validation and clinical application in patients with pulmonary hypertension. *Heart* 2005 (im Druck)