

**Abteilung "Pädiatrie III mit Schwerpunkt Pädiatrische Kardiologie und Intensivmedizin"**

**Journalbeiträge**

1. Handke R, Jux C, Schranz D, Schneider M (2006) Transcatheter closure of perimembranous ventricular septal defects using umbrella devices. *CATHETER CARDIO INTE*, 68(6): 936-41.
2. Heinrich S, Schiffmann H, Frerichs A, Klockgether-Radke A, Frerichs I (2006) Body and head position effects on regional lung ventilation in infants: An electrical impedance tomography study. *INTENS CARE MED*, 32(9): 1392-8.
3. Jux C, Bertram H, Wohlsein P, Bruegmann M, Paul T (2006) Interventional atrial septal defect closure using a totally bioresorbable occluder matrix: development and preclinical evaluation of the BioSTAR device. *J AM COLL CARDIOL*, 48(1): 161-9.
4. Kriebel T, Ruschewski W, Gonzalez y Gonzalez M, Walter K, Kroll J, Kampmann C, Heinemann M, Schneider H, Paul T (2006) ICD Implantation in infants and small children: the extracardiac technique. *PACE*, 29(12): 1319-25.
5. Kriebel T, Schneider H, Sigler M, Paul T (2006) Slow pathway ablation in a 5-year-old boy with atrioventricular septal defect: Value of cryoenergy application. *CLIN RES CARDIOL*, 95(12): 668-670.
6. Luecke T, Muench E, Roth H, Friess U, Paul T, Kleinhuber K, Quintel M (2006) Predictors of mortality in ARDS patients referred to a tertiary care centre: a pilot study. *EUR J ANAESTH*, 23(5): 403-10.
7. Mullen MJ, Hildick-Smith D, De Giovanni JV, Duke C, Hillis WS, Morrison WL, Jux C (2006) BioSTAR Evaluation Study (BEST): a prospective, multicenter, phase I clinical trial to evaluate the feasibility, efficacy, and safety of the BioSTAR bioabsorbable septal repair implant for the closure of atrial-level shunts. *CIRCULATION*, 114(18): 1962-7.
8. Norozi K, Buchhorn R, Bartmus D, Alpers V, Arnhold JO, Schoof S, Zoege M, Binder L, Geyer S, Wessel A (2006) Elevated brain natriuretic peptide and reduced exercise capacity in adult patients operated on for tetralogy of fallot is due to biventricular dysfunction as determined by the myocardial performance index. *AM J CARDIOL*, 97(9): 1377-82.
9. Norozi K, Wessel A, Alpers V, Arnhold JO, Geyer S, Zoege M, Buchhorn R (2006) Incidence and risk distribution of heart failure in adolescents and adults with congenital heart disease after cardiac surgery. *AM J CARDIOL*, 97(8): 1238-43.
10. Nothroff J, Norozi K, Alpers V, Arnhold JO, Wessel A, Ruschewski W, Buchhorn R (2006) Pacemaker implantation as a risk factor for heart failure in young adults with congenital heart disease. *PACE*, 29(4): 386-92.
11. Schiffmann H (2006) Humidification of respired gases in neonates and infants. *Respir Care Clin N Am*, 12(2): 321-36.
12. Seehase M, Quentin T, Wiludda E, Hellige G, Paul T, Schiffmann H (2006) Gene expression of the Na-Ca<sup>2+</sup> exchanger, SERCA2a and calsequestrin after myocardial ischemia in the neonatal rabbit heart. *BIOL NEONATE*, 90(3): 174-184.
13. Sigler M, Jux C, Ewert P (2006) Histopathological workup of an Amplatzer atrial septal defect occluder after surgical removal. *PEDIATR CARDIOL*, 27(6): 775-6.
14. Sigler M, Kriebel T, Wilson N (2006) Histological confirmation of complete endothelialisation of a surgically removed Amplatzer ASD occluder. *HEART*, 92(12): 1723.
15. Sigler M, Schneider K, Meissler M, Koenig K, Schneider MB (2006) Breakable stent for interventions in infants and neonates: an animal study and histopathological findings. *HEART*, 92(2): 245-8.

**Medizinische Dissertationen**

1. Seehase M, Dr. med., Veränderungen in der Genexpression des Natrium-Kalzium-Austauschers, der Sarkoendoplasmatisches-Retikulum-Kalzium-ATPase 2a und des Calsequestrins in neonatalen und adulten Herzen nach "myocardial stunning". Dissertation Universität Göttingen 2006.