

6. Literaturverzeichnis

- 1 P. Acar, C. Maunoury, D. Bonnet, S. Sebahoun, P. Bonhoeffer, Z. Saliba, D. Sidi, J. Kachaner (2001): Comparison of myocardial single-photon emission computed tomography with coronary artery angiography after arterial switch operation. *Am J Cardiol* 87: 1425-1427
- 2 G. von Bernuth (2000): 25 years after the first arterial switch procedure: mid-term results. *Thorac Cardiovasc Surg* 48: 228-232
- 3 W. Bertschmann, C. Lincoln (1980): Arterielle Switch-Operation bei TGA und DORV. *Helv Chir Acta* 57: 545-549
- 4 P. Bonhoeffer, D. Bonnet, J.-F. Piechaud, O. Stümper, Y. Aggoun, E. Villain, J. Kachaner, D. Sidi (1997): Coronary artery obstruction after the arterial switch operation for transposition of the great arteries in newborns. *J Am Coll Cardiol* 29: 202-206
- 5 D. Bonnet, P. Bonhoeffer, J.-F. Piechaud, Y. Aggoun, D. Sidi, C. Planché, J. Kachaner (1996): Long-term fate of the coronary arteries after the arterial switch operation in newborns with transposition of the great arteries. *Heart* 76: 274-279
- 6 W. J. Brawn, R. B. B. Mee (1988): Early results for anatomic correction of transposition of the great arteries and for double-outlet right ventricle with subpulmonary ventricular septal defect. *J Thorac Cardiovasc Surg* 95: 230-238
- 7 C. Bull, R. Yates, D. Sarkar, J. Deanfield, M. de Leval (2000): Scientific, ethical and logistical considerations in introducing a new operation: a retrospective cohort study from paediatric cardiac surgery. *BMJ* 320: 1168-1173
- 8 S. D. Colan, C. Boutin, A. R. Castaneda, G. Wernovsky (1995): Status of the left ventricle after arterial switch operation for transposition of the great arteries: hemodynamic and echocardiographic evaluation. *J Thorac Cardiovasc Surg* 109: 311-321

- 9 S. H. Daebritz, G. Nollert, J. S. Sachweh, W. Engelhardt, G. von Bernuth, B. J. Messmer (2000): Anatomical risk factors for mortality and cardiac morbidity after arterial switch operation. *Am Thorac Surg* 69: 1880-1886
- 10 R. W. Day, H. Laks, D. C. Drinkwater (1992): The influence of coronary anatomy on the arterial switch operation in neonates. *J Thorac Cardiovasc Surg* 104: 706-712
- 11 E. de Caro, G. P. Ussia, M. Marasini, G. Pongiglione (2003): Transoesophageal atrial pacing combined with transthoracic two dimensional echocardiography: experience in patients operated on with arterial switch operation for transposition of the great arteries. *Heart* 89: 91-95
- 12 R. M. Di Donato, G. Wernovsky, E. P. Walsh, S. D. Colan, P. Lang, D. L. Wessel, R. A. Jonas, J. E. Mayer, A. R. Castaneda (1989): Results of the arterial switch operation for transposition of the great arteries with ventricular septal defect: surgical considerations and midterm follow-up data. *Circulation* 80: 1689-1705
- 13 D. A. Goor, A. Shem-Tov, H. N. Neufeld (1982): Impeded coronary flow in anatomic correction of transposition of the great arteries: prevention, detection and management. *J Thorac Cardiovasc Surg* 83: 747-754
- 14 F. Haas, M. Wotke, H. Poppert, H. Meisner (1999): Long-term survival and functional follow-up in patients after the arterial switch operation. *Ann Thorac Surg* 68: 1692-1697
- 15 G. Hausdorf, C. Kampmann, M. Schneider (1995): Coronary angioplasty for coronary stenosis after the arterial switch operation. *Am J Cardiol* 76: 621-623
- 16 A. M. Hayes, E. J. Baker, A. Kakadeker, J. M. Parsons, R. P. Martin, R. Radley-Smith, S. A. Qureshi, M. Yacoub, M. N. Maisey, M. Tynan (1994): Influence of anatomic correction for transposition of the great arteries on myocardial perfusion: radionuclide imaging with technetium-99m 2-methoxy isobutyl isonitrite. *J Am Coll Cardiol* 24: 769-774

17 M. G. Hazekamp, J. Ottenkamp, J. M. Quaegebeur, R. Hardjowijono, C. A. Boot, J. Rohmer, H. A. Huysmans (1991): Follow-up of arterial switch operation.

Thorac Cardiovasc Surg 39: 166-169

18 K. Hisatomi, A. Taira, S. Oku (1997): Late coronary abnormalities after arterial switch operation for transposition of the great arteries. Am J Cardiol 80: 1645-1646

19 P. A. Hutter, G. B. Bennink, L. Ay, I. B. Raes, J. F. Hitchcock, E. J. Meijboom (2000): Influence of coronary anatomy and reimplantation on the long-term outcome of the arterial switch. Eur J Cardiothorac Surg 18: 207-213

20 P. A. Hutter, D. L. Krebs, S. F. Mantel, J. F. Hitchcock, E. J. Meijboom, G. B. Bennink (2002): Twenty-five year's experience with the arterial switch operation.

J Thorac Cardiovasc Surg 124: 790-797

21 A. D. Jatene, V. F. Fontes, P. P. Paulista, L. C. Souza, F. Neger, M. Galantier, J. E. Sousa (1976): Anatomic correction of transposition of the great vessels.

J Thorac Cardiovasc Surg 72: 364-370

22 T. R. Kimball, S. A. Witt, S. R. Daniels (1997): Dobutamine stress echocardiography in the assessment of suspected myocardial ischemia in children and young adults.

Am J Cardiol 79: 380-384

23 J. W. Kirklin, E. H. Blackstone, C. I. Tchervenkov, A. R. Castaneda, and the Congenital Heart Surgeons Society (1992): Clinical outcomes after the arterial switch operation for transposition.

Patient, support, procedural, and institutional risk factors. Circulation 86: 1501-1515

24 R. L. Larsen, P. M. Applegate, D. A. Dyar, P. A. Ribeiro, S. D. Fritzsche, N. F. Mulla, G. S. Shirali, M. A. Kuhn, R. E. Chinnoek, P. M. Shah (1998): Dobutamine stress echocardiography for assessing coronary artery disease after transplantation in children. J Am Coll Cardiol 32: 515-520

- 25 Y. Lecompte, L. Zannini, E. Hazan, M. M. Jarreau, J. P. Bex, T. V. Tu, J. Y. Neveux (1981): Anatomic correction of transposition of the great arteries: new technique without use of a prosthetic conduit. *J Thorac Cardiovasc Surg* 82: 629-631
- 26 M. R. de Leval (2001): Commentary on: Results of the arterial switch operation in neonates with transposition of the great arteries (R. Pretre et al.). *Lancet* 357: 1814
- 27 J. Li, R. M. R. Tulloh, A. Cook, M. Schneider, S. Y. Ho, R. H. Anderson (2000): Coronary arterial origins in TGA: factors that affect outcome. A morphological and clinical study. *Heart* 83: 320-325
- 28 J. Losay, C. Planché, B. Geradin, F. Lacour-Gayet, J. Bruniaux, J. Kachaner (1990): Midterm surgical results of arterial switch operation for transposition of the great arteries with intact septum. *Circulation* 82: 146-150
- 29 J. Losay, A. Touchot, A. Serraf, A. Litvinova, V. Lambert, J. D. Piot, F. Lacour-Gayet, A. Capderou, C. Planché (2001): Late outcome after arterial switch operation for transposition of the great arteries. *Circulation* 104: 121-126
- 30 M. M. Massin, G. B. Nitsch, S. Däbritz, B. J. Messmer, G. v. Bernuth (1997): Angiographic study of aorta, coronary arteries and left ventricular performance after neonatal arterial switch operation for simple transposition of great arteries. *Am Heart J* 134: 298-305
- 31 J. E. Mayer Jr., S. P. Sanders, R. A. Jonas, A. R. Castaneda, G. Wernovsky (1990): Coronary artery pattern and outcome of arterial switch operation for transposition of the great arteries. *Circulation* 82: 139-145
- 32 W. I. Norwood, A. R. Dobell, M. D. Freed, J. W. Kirklin, E. H. Blackstone, and the Congenital Heart Surgeons Society (1988): Intermediate results of the arterial switch repair. A 20 institution study. *J Thorac Cardiovasc Surg* 96: 854-863

- 33 N. Noto, M. Ayusawa, K. Karasawa, H. Yamaguchi, N. Sumitomo, T. Okada, K. Harada (1996): Dobutamine stress echocardiography for detection of coronary artery stenosis in children with Kawasaki disease. *J Am Coll Cardiol* 27: 1251-1256
- 34 E. Pahl, S. E. Crawford, J. M. Swenson, C. E. Duffy, F. J. Fricker, C. L. Backer, C. Mavroudis, F. A. Chaudhry (1999): Dobutamine stress echocardiography: experience in pediatric heart transplant recipients. *J Heart Lung Transplant* 18: 725-732
- 35 C. Planché, J. Bruniaux, F. Lacour-Gayet, J. Kachaner, J.-P. Binet, D. Sidi, E. Villain (1988): Switch operation for transposition of the great arteries in neonates. A study of 120 patients. *J Thorac Cardiovasc Surg* 96: 354-363
- 36 C. Planché (1991): Anatomic correction of complete transposition with ventricular septal defect in neonates: experience with 42 consecutive cases. *Cardiol Young* 1: 101-103
- 37 R. Van Praagh, W. K. Jung (1991): The arterial switch operation in transposition of the great arteries: Anatomic indications and contraindications. *Thorac Cardiovasc Surgeon* 39: 138-150
- 38 R. Pretre, D. Tamisier, P. Bonhoeffer, P. Mauriat, P. Pouard, D. Sidi, P. Vouhe (2001): Results of the arterial switch operation in neonates with transposition of the great arteries. *Lancet* 357: 1826-1830
- 39 J. M. Quaegebeur, J. Rohmer, V. Ottenkamp, T. Buis, J. W. Kirklin, E. H. Blackstone, A. G. Brom (1986): The arterial switch operation: an 8-year experience. *Thorac Cardiovasc Surg* 92: 361-384
- 40 U. Salzer-Muhar, E. Proll, M. Marx, H. R. Salzer, M. Wimmer (1991): Two-dimensional and doppler echocardiographic follow-up after the arterial switch operation for transposition of the great arteries. *Thorac Cardiovasc Surg* 39: 180-184

- 41 M. Samanek (1992): Children with congenital heart disease: probability of natural survival. *Pediatr Cardiol* 13: 152-158
- 42 A. Serraf, F. Lacour-Gayet, J. Bruniaux, A. Touchot, J. Losay, J. Comas, M. Sousa Uva, C. Planché (1993): Anatomic correction of transposition of the great arteries in neonates. *J Am Coll Cardiol* 22: 193-200
- 43 R. M. Shaher, G. C. Puddu (1966): Coronary arterial anatomy in complete transposition of the great vessels. *Am J Cardiol* 17: 355-361
- 44 D. Sidi, C. Planché, J. Kachaner, J. Bruniaux, E. Villain, J. le Bidois, J.-F. Piechaud, F. Lacour-Gayet (1987): Anatomic correction of simple transposition of the great arteries in 50 neonates. *Circulation* 75: 429-435
- 45 R. E. Tanel, G. Wernovsky, M. J. Landzberg, S. B. Perry, R. P. Burke (1995): Coronary artery abnormalities detected at cardiac catheterization following the arterial switch operation for transposition of the great arteries. *Am J Cardiol* 76: 153-157
- 46 E. Tsuda, M. Imakita, T. Yagihara, Y. Ono, S. Echigo, O. Takahashi, T. Kamiya (1992): Late death after arterial switch operation for transposition of the great arteries. *Am Heart J* 124: 1151-1157
- 47 S. N. Weindling, G. Wernovsky, S. D. Colan, J. A. Parker, C. Boutin, S. M. Mone, J. Costello, A. R. Castaneda, T. Treves (1994): Myocardial perfusion, function and exercise tolerance after the arterial switch operation. *J Am Coll Cardiol* 23: 424-433
- 48 G. Wernovsky, T. J. Hougen, E. P. Walsh, G. F. Sholler, S. D. Colan, S. S. Sanders, I. A. Parness, J. F. Keane, J. E. Mayer, R. A. Jonas, A. R. Castaneda, P. Lang (1988): Midterm results after the arterial switch operation for TGA with intact ventricular septum: clinical, hemodynamic, echocardiographic and electrophysiologic data. *Circulation* 77: 1333-1344

- 49 G. Wernovsky, N. D. Bridges, V. S. Mandell, A. R. Castaneda, S. B. Perry (1993): Enlarged bronchial arteries after early repair of transposition of the great arteries. J Am Coll Cardiol 21: 465-470
- 50 G. Wollenek, A. Laczkovics, M. Hiesmayr, G. Amann, E. Domanig (1991): Early results with the anatomic correction of TGA. Thor Cardiovasc Surgeon 39: 176-179
- 51 M. H. Yacoub, R. Radley-Smith (1978): Anatomy of coronary arteries in transposition of the great arteries. Thorax 33: 418-424
- 52 M. Yamaguchi, Y. Hosokawa, Y. Imai, H. Kurosawa, H. Yasui, T. Yagihara, F. Okamoto, N. Wakaki (1990): Early and midterm results of the arterial switch operation for transposition of the great arteries in Japan. J Thorac Cardiovasc Surg 100: 261-269
- 53 R. W. Yates, P. K. Marsden, R. D. Badawi, B. F. Cronin, D. R. Anderson, M. J. Tynan, M. N. Maisey, E. J. Baker (2000): Evaluation of myocardial perfusion using positron emission tomography in infants following a neonatal arterial switch operation. Pediatr Cardiol 21: 111-118
- 54 F. M. Bengel, M. Hauser, C. S Duvernoy, A. Kuehn, S. I. Ziegler, J. C. Stollfuss, M. Beckmann, U. Sauer, O. Muzik, M. Schwaiger, J. Hess (1998): Myocardial blood flow and coronary flow reserve late after anatomical correction of transposition of the great arteries. J Am Coll Cardiol 32: 1955-1961
- 55 M. E. Brickner, L. D. Hillis, R. A. Lange (2000): Congenital heart disease in adults. Second of two parts. N Engl J Med 342: 334-342
- 56 M. M. Brook: Cardiovascular System. In: R. E. Behrman, R. M. Kliegman: Nelson - Essentials of Pediatrics. 4th ed. Philadelphia, USA: W. B. Saunders Company, 2002: 569

- 57 L. Dos, L. Teruel, I. J. Ferreira, J. Rodriguez-Larreia, L. Miro, J. Girona, D. C. Albert, A. Goncalves, M. Murtra, J. Casaldaliga (2005): Late outcome of Senning and Mustard procedures for correction of transposition of the great arteries. *Heart* 91: 652-656
- 58 M. Hauser, F. M. Bengel, A. Kühn, U. Sauer, S. Zylla, S. L. Braun, S. G. Nekolla, R. Oberhoffer, R. Lange, M. Schwaiger, J. Hess (2001): Myocardial blood flow and flow reserve after coronary reimplantation in patients after arterial switch and Ross operation. *Circulation* 103: 1875-1880
- 59 W. T. Mustard (1966): Progress in the total correction of complete transposition of the great vessels. *Vasc Dis* 3: 177-179.
- 60 G. Oskarsson, E. Pesonen, P. Munkhammar, S. Sandström, P. Jögi (2002): Normal coronary flow reserve after arterial switch operation for transposition of the great arteries: an intracoronary Doppler guidewire study. *Circulation* 106: 1696-1702
- 61 W. J. Rashkind (1985): Interventional cardiac catheterization in congenital heart disease. *Cardiovasc Clin* 15: 303-316.
- 62 A. Rentzsch, M. Y. Abd El Rahman, W. Hui, A. Helweg, P. Ewert, M. Gutberlet, P. E. Lange, F. Berger, H. Abdul-Khaliq (2005): Assessment of myocardial function of the systemic right ventricle in patients with d-transposition of the great arteries after atrial switch operation by tissue Doppler echocardiography. *Z Kardiol* 94: 524-531.
- 63 M. L. Schwartz, K. Gauvreau, P. del Nido, J. E. Mayer, S. D. Colan (2004): Long-term predictors of aortic root dilatation and aortic regurgitation after arterial switch operation. *Circulation* 110: 128-132
- 64 A. Senning (1975): Transposition of great vessels. *Thoraxchir Vask Chir* 23: 72-79

65 N. T. Wijsekera, S. V. Babu-Narayan, D. Shore, M. A. Gatzoulis (2005): Mustard procedure for late natural survival with complete transposition of the great arteries and atrial septal defect. *Int J Cardiol* 102: 151-153