

Stanford



Olaf Reinhartz

Associate Professor of Cardiothoracic Surgery at the Stanford University Medical Center and the Lucile Salter Packard Children's Hospital

CLINICAL OFFICES

- **Cardiothoracic Surgery**

780 Welch Rd

Falk Bldg CVRC MC 5407

Palo Alto, CA 94304

Tel (650) 723-0190 **Fax** (650) 725-0707

Bio

CLINICAL FOCUS

- Cardiothoracic Surgery
- Pediatric Cardiothoracic Surgery
- Pediatric Cardiac Transplantation

ACADEMIC APPOINTMENTS

- Associate Professor - Med Center Line, Cardiothoracic Surgery
- Member, Cardiovascular Institute

ADMINISTRATIVE APPOINTMENTS

- Chief, Pediatric Heart Transplantation, Department of Cardiothoracic Surgery, (2007-2017)

PROFESSIONAL EDUCATION

- Board Certification: Cardiothoracic Surgery, Arztekammer Nordrhein AKA: State Chamber of Physicians of North-Rhine (2001)
- Residency: University of California at San Francisco School of Medicine (2002) CA
- Fellowship: University of California at San Francisco School of Medicine (1996) CA
- Residency: University of Illinois at Chicago (1998) IL
- Residency: Martin Luther University (1997) Germany
- Internship: Bradford Royal Infirmary (1994) UK
- Internship: Fachbereich Medizin (1993) Germany
- Medical Education: Freie University Berlin (1992) Germany
- MD, Free University of Berlin, Medicine (1992)
- CT boards, German Board of Medicine, Cardiothoracic Surgery (2001)

LINKS

- Stanford Pediatric Cardiac Services: <http://med.stanford.edu/ctsurgery/clinical-care/pediatric-cardiac-surgery-services.html>
- Make an Appointment: <http://med.stanford.edu/ctsurgery/contact-us.html#division-of-pediatric-cardiac-surgery>

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

1. Axial flow pump support in total cavopulmonary connection. Stanford 2006-2010. American Heart Association National Scientist Development Grant 0635219N, PI: Olaf Reinhartz, Total amount \$ 280,000
2. Pathophysiologic response to fetal cardiac surgery. Co-PI. NIH RO1 grant 5RO1HL043357-10, PI: Frank Hanley, UCSF/Stanford 2000+
3. Berlin Heart Ventricular Assist Devices in Children. Multicenter study in 10 US centers. 2007+. Co-PI, Stanford site. (local PI: D. Rosenthal)
4. Triostat in children during CPB. Sub-Investigator; Multicenter trial incl. Childrens Hospital & Research Center Oakland 2003+, Funding through Dept. of Health and Human Services, Food and Drug Administration, IND55367; PI: M. Portman, Seattle
5. CLARINET: Clopidogrel to lower arterial thrombotic risk in neonates and infants trial. Sub-Investigator; Multicenter trial incl. Childrens Hospital & Research Center Oakland 2007+; EFC5314; Funding through Sanofi Aventis; Study Director: Sylvie Fontecave
6. Maturation and differentiation of the human cardiomyocyte in the first month of life. PI: Kirk Riemer, Internal funding, Stanford/Children's Hospital Oakland 2004+
7. Adrenal axis of infants undergoing congenital heart disease surgery. Internal funding, Childrens Hospital & Research Center Oakland 2003+, PI: P. Sekar
8. Identification, isolation, purification and testing of Pulmonary-Arteriovenous-Malformation-Inhibiting factor. Internal funding, Stanford 2003+
9. Arterio-venous malformations after superior cavopulmonary anastomosis in the sheep model. Internal funding, UCSF/Stanford 2000+

Teaching

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Cardiothoracic Surgery (Fellowship Program)

Publications

PUBLICATIONS

- **Is Continuous Flow Superior to Pulsatile Flow in Single Ventricle Mechanical Support? Results from a Large Animal Pilot Study.** *ASAIO journal (American Society for Artificial Internal Organs : 1992)*
Fujii, Y., Ferro, G., Kagawa, H., Centola, L., Zhu, L., Ferrier, W. T., Talken, L., Riemer, R. K., Maeda, K., Nasirov, T., Hodges, B., Amirrazi, S., Lee, et al ; 61 (4): 443-47
- **Evolution of Single Ventricular Assist Device Support for the Failing Bi-directional Glenn Patient.** *The Annals of thoracic surgery*
Maeda, K., Nasirov, T., Yarlagadda, V., Hollander, S. A., Navaratnam, M., Rosenthal, D. N., Dykes, J. C., Kaufman, B. D., Almond, C. S., Reinhartz, O., Murray, J., Chen, S.
2020
- **Bridge to Transplant with Ventricular Assist Device Support in Pediatric Patients with Single Ventricle Heart Disease** *ASAIO JOURNAL*
Chen, S., Rosenthal, D. N., Murray, J., Dykes, J. C., Almond, C. S., Yarlagadda, V. V., Wright, G., Navaratnam, M., Reinhartz, O., Maeda, K.
2020; 66 (2): 205-11
- **A Single Institution's Experience with Later Extracardiac Fontan Procedure Off Bypass** *CONGENITAL HEART DISEASE*
Biewen, C., Patel, H., Reinhartz, O., Gildengorin, G., Cvijanovich, N.
2020; 15 (4): 229-38
- **Aortic or Pulmonary Valved Homograft Right Ventricle to Pulmonary Artery Conduit in the Norwood Procedure.** *World journal for pediatric & congenital heart surgery*
Nasirov, T., Maeda, K., Reinhartz, O.
2019; 10 (4): 499-501

- **Bridge to Transplant with Ventricular Assist Device Support in Pediatric Patients with Single Ventricle Heart Disease.** *ASAIO journal (American Society for Artificial Internal Organs : 1992)*
Chen, S., Rosenthal, D. N., Murray, J., Dykes, J. C., Almond, C. S., Yarlalagadda, V. V., Wright, G., Navaratnam, M., Reinhartz, O., Maeda, K.
2019
- **Patient-Specific Multiscale Modeling of the Assisted Bidirectional Glenn.** *The Annals of thoracic surgery*
Shang, J. K., Esmaily, M., Verma, A., Reinhartz, O., Figliola, R. S., Hsia, T., Feinstein, J. A., Marsden, A. L.
2018
- **Effect of Inhaled Nitric Oxide on Hemodynamics in Lambs with 1 Ventricle Circulation.** *ASAIO journal (American Society for Artificial Internal Organs : 1992)*
Kanamitsu, H., Fujii, Y., Centola, L., Kinouchi, K., Zhu, L., Riemer, R. K., Reinhartz, O.
2018; 64 (6): 802-5
- **Combined En-Bloc Heart Liver Transplantation in Children with Congenital Heart Disease Complicated by Cardiac Cirrhosis**
Conlon, S., Maeda, K., Reinhartz, O., Hollander, S., Rosenthal, D., Gallo, A., Concepcion, W., Esquivel, C., Bonham, A.
LIPPINCOTT WILLIAMS & WILKINS.2018: S295
- **Characteristics of deposits and pump exchange in the Berlin Heart EXCOR ventricular assist device: Experience with 67 cases.** *Pediatric transplantation*
Maeda, K., Almond, C., Hollander, S. A., Rosenthal, D. N., Kaufman, B., Gowen, M. M., Murray, J., Shuttleworth, P., Reinhartz, O.
2018: e13181
- **Interstage evaluation of homograft-valved right ventricle to pulmonary artery conduits for palliation of hypoplastic left heart syndrome** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*
Sandeep, N., Punn, R., Balasubramanian, S., Smith, S. N., Reinhartz, O., Zhang, Y., Wright, G. E., Peng, L. F., Wise-Faberowski, L., Hanley, F. L., McElhinney, D. B.
2018; 155 (4): 1747-+
- **Ventricular Assist Devices for Neonates and Infants.** *Seminars in thoracic and cardiovascular surgery. Pediatric cardiac surgery annual*
Maeda, K., Rosenthal, D. N., Reinhartz, O.
2018; 21: 9-14
- **Major Aortopulmonary Collateral Arteries With Anatomy Other Than Pulmonary Atresia/Ventricular Septal Defect.** *Annals of thoracic surgery*
Patrick, W. L., Mainwaring, R. D., Reinhartz, O., Punn, R., Tacy, T., Hanley, F. L.
2017
- **Functional status of United States children supported with a left ventricular assist device at heart transplantation.** *journal of heart and lung transplantation : the official publication of the International Society for Heart Transplantation*
Bulic, A., Maeda, K., Zhang, Y., Chen, S., McElhinney, D. B., Dykes, J. C., Hollander, A. M., Hollander, S. A., Murray, J., Reinhartz, O., Gowan, M. A., Rosenthal, D. N., Almond, et al
2017
- **Superior performance of continuous over pulsatile flow ventricular assist devices in the single ventricle circulation: A computational study.** *Journal of biomechanics*
Schmidt, T., Rosenthal, D., Reinhartz, O., Riemer, K., He, F., Hsia, T., Marsden, A., Kung, E.
2017; 52: 48-54
- **Impact of a modified anti-thrombotic guideline on stroke in children supported with a pediatric ventricular assist device.** *The Journal of heart and lung transplantation : the official publication of the International Society for Heart Transplantation*
Rosenthal, D. N., Lancaster, C. A., McElhinney, D. B., Chen, S., Stein, M., Lin, A., Doan, L., Murray, J. M., Gowan, M. A., Maeda, K., Reinhartz, O., Almond, C. S.
2017
- **Temporary Circulatory Support in U.S. Children Awaiting Heart Transplantation.** *Journal of the American College of Cardiology*
Yarlalagadda, V. V., Maeda, K., Zhang, Y., Chen, S., Dykes, J. C., Gowen, M. A., Shuttleworth, P., Murray, J. M., Shin, A. Y., Reinhartz, O., Rosenthal, D. N., McElhinney, D. B., Almond, et al
2017; 70 (18): 2250-60
- **Alternative Strategy for Biventricular Assist Device in an Infant With Hypertrophic Cardiomyopathy.** *The Annals of thoracic surgery*
Dykes, J. C., Reinhartz, O., Almond, C. S., Yarlalagadda, V., Murray, J., Rosenthal, D. N., Maeda, K.
2017; 104 (2): e185-e186

- **HeartWare HVAD for Biventricular Support in Children and Adolescents: The Stanford Experience.** *ASAIO journal*
Stein, M. L., Yeh, J., Reinhartz, O., Rosenthal, D. N., Kaufman, B. D., Almond, C. S., Hollander, S. A., Maeda, K.
2016; 62 (5): e46-51
- **Outcomes of pediatric patients supported with continuous-flow ventricular assist devices: A report from the Pediatric Interagency Registry for Mechanical Circulatory Support (PediMACS)** *JOURNAL OF HEART AND LUNG TRANSPLANTATION*
Rossano, J. W., Lorts, A., Vanderpluym, C. J., Jeewa, A., Guleserian, K. J., Bleiweis, M. S., Reinhartz, O., Blume, E. D., Rosenthal, D. N., Naftel, D. C., Cantor, R. S., Kirklin, J. K.
2016; 35 (5): 585-590
- **Outpatient Outcomes of Pediatric Patients with Left Ventricular Assist Devices.** *ASAIO journal*
Chen, S., Lin, A., Liu, E., Gowan, M., May, L. J., Doan, L. N., Almond, C. S., Maeda, K., Reinhartz, O., Hollander, S. A., Rosenthal, D. N.
2016; 62 (2): 163-168
- **Anatomic Factors Associated With Truncal Valve Insufficiency and the Need for Truncal Valve Repair.** *World journal for pediatric & congenital heart surgery*
Patrick, W. L., Mainwaring, R. D., Carrillo, S. A., Ma, M., Reinhartz, O., Petrossian, E., Selamet Tierney, E. S., Reddy, V. M., Hanley, F. L.
2016; 7 (1): 9-15
- **Ventricular assist devices in a contemporary pediatric cohort: Morbidity, functional recovery, and survival.** *journal of heart and lung transplantation*
Stein, M. L., Dao, D. T., Doan, L. N., Reinhartz, O., Maeda, K., Hollander, S. A., Yeh, J., Kaufman, B. D., Almond, C. S., Rosenthal, D. N.
2016; 35 (1): 92-98
- **Elevated pretransplant pulmonary vascular resistance index does not predict mortality after isolated orthotopic heart transplantation in children: A retrospective analysis of the UNOS database** *PEDIATRIC TRANSPLANTATION*
Chiu, P., Schaffer, J. M., Sheikh, A. Y., Ha, R., Reinhartz, O., Mainwaring, R., Reitz, B. A.
2015; 19 (6): 623-633
- **Changes in Risk Profile Over Time in the Population of a Pediatric Heart Transplant Program.** *Annals of thoracic surgery*
Reinhartz, O., Maeda, K., Reitz, B. A., Bernstein, D., Luikart, H., Rosenthal, D. N., Hollander, S. A.
2015; 100 (3): 989-995
- **Changes in Risk Profile Over Time in the Population of a Pediatric Heart Transplant Program.** *Annals of thoracic surgery*
Reinhartz, O., Maeda, K., Reitz, B. A., Bernstein, D., Luikart, H., Rosenthal, D. N., Hollander, S. A.
2015; 100 (3): 989-994
- **Conserved and divergent aspects of human T-cell development and migration in humanized mice.** *Immunology and cell biology*
Halkias, J., Yen, B., Taylor, K. T., Reinhartz, O., Winoto, A., Robey, E. A., Melichar, H. J.
2015; 93 (8): 716-726
- **Is Continuous Flow Superior to Pulsatile Flow in Single Ventricle Mechanical Support? Results from a Large Animal Pilot Study** *ASAIO JOURNAL*
Fujii, Y., Ferro, G., Kagawa, H., Centola, L., Zhu, L., Ferrier, W. T., Talken, L., Riemer, R. K., Maeda, K., Nasirov, T., Hodges, B., Amirriazi, S., Lee, et al
2015; 61 (4): 443-447
- **High-resolution coronary MR angiography for evaluation of patients with anomalous coronary arteries: visualization of the intramural segment** *PEDIATRIC RADIOLOGY*
Biko, D. M., Chung, C., Hitt, D. M., Kurio, G., Reinhartz, O., Chung, T.
2015; 45 (8): 1146-1152
- **Hemodynamic Monitoring of Large Animal Chronic Studies After Median Sternotomy: Experiences With Different Telemetric Physiological Devices** *ASAIO JOURNAL*
Fujii, Y., Pitsillides, K., Ferro, G., Kagawa, H., Centola, L., Kinouchi, K., Zhu, L., Ferrier, W. T., Talken, L., Nasirov, T., Riemer, R. K., Reinhartz, O.
2015; 61 (3): 332-338
- **A novel pediatric treatment intensity score: development and feasibility in heart failure patients with ventricular assist devices.** *journal of heart and lung transplantation*
May, L. J., Ploutz, M., Hollander, S. A., Reinhartz, O., Almond, C. S., Chen, S., Maeda, K., Kaufman, B. D., Yeh, J., Rosenthal, D. N.
2015; 34 (4): 509-515
- **Neurological complications and outcomes in the Berlin Heart EXCOR® pediatric investigational device exemption trial.** *Journal of the American Heart Association*

- Jordan, L. C., Ichord, R. N., Reinhartz, O., Humpl, T., Pruthi, S., Tjossem, C., Rosenthal, D. N.
2015; 4 (1)
- **Neurological Complications and Outcomes in the Berlin Heart EXCOR® Pediatric Investigational Device Exemption Trial.** *Journal of the American Heart Association*
Jordan, L. C., Ichord, R. N., Reinhartz, O., Humpl, T., Pruthi, S., Tjossem, C., Rosenthal, D. N.
2015; 4 (1)
 - **Tetralogy of Fallot: aorto-pulmonary collaterals and pulmonary arteries have distinctly different transcriptomes** *PEDIATRIC RESEARCH*
Ma, X., Barboza, L. A., Siyahian, A., Reinhartz, O., Maeda, K., Reddy, V. M., Hanley, F. L., Riemer, R. K.
2014; 76 (4): 341-346
 - **Tetralogy of Fallot: aorto-pulmonary collaterals and pulmonary arteries have distinctly different transcriptomes.** *Pediatric research*
Ma, X., Barboza, L. A., Siyahian, A., Reinhartz, O., Maeda, K., Reddy, V. M., Hanley, F. L., Riemer, R. K.
2014; 76 (4): 341-346
 - **Surgical repair of anomalous aortic origin of a coronary artery†.** *European journal of cardio-thoracic surgery*
Mainwaring, R. D., Reddy, V. M., Reinhartz, O., Petrossian, E., Punn, R., Hanley, F. L.
2014; 46 (1): 20-26
 - **An inpatient rehabilitation program utilizing standardized care pathways after paracorporeal ventricular assist device placement in children.** *journal of heart and lung transplantation*
Hollander, S. A., Hollander, A. J., Rizzuto, S., Reinhartz, O., Maeda, K., Rosenthal, D. N.
2014; 33 (6): 587-592
 - **Successful bridge to transplant with a continuous flow ventricular assist device in a single ventricle patient with an aortopulmonary shunt.** *ASAIO journal*
Lal, A. K., Chen, S., Maeda, K., McCammond, A., Rosenthal, D. N., Reinhartz, O., Yeh, J.
2014; 60 (1): 119-121
 - **Lower socioeconomic status is associated with worse outcomes after both listing and transplanting children with heart failure** *PEDIATRIC TRANSPLANTATION*
Davies, R. R., Russo, M. J., Reinhartz, O., Maeda, K., Rosenthal, D. N., Chin, C., Bernstein, D., Mallidi, H. R.
2013; 17 (6): 573-581
 - **Berlin Heart EXCOR Pediatric Ventricular Assist Device for Bridge to Heart Transplantation in US Children** *CIRCULATION*
Almond, C. S., Morales, D. L., Blackstone, E. H., Turrentine, M. W., Imamura, M., Massicotte, M. P., Jordan, L. C., Devaney, E. J., Ravishankar, C., Kanter, K. R., Holman, W., Kroschwitz, R., Tjossem, et al
2013; 127 (16): 1702-?
 - **Low Dose Factor Eight Inhibitor Bypassing Activity (FEIBA) for Incessant Bleeding in Pediatric Patients on Mechanical Circulatory Support (MCS)** *33rd Annual Meeting and Scientific Sessions of the International-Society-for-Heart-and-Lung-Transplantation*
Maeda, K., Asija, R., Hollander, S., Williams, G., Yeh, J., Rosenthal, D., Reinhartz, O.
ELSEVIER SCIENCE INC.2013: S290-S290
 - **A Novel Scoring System for Recovery after VAD Implantation in Children: Initial Feasibility** *33rd Annual Meeting and Scientific Sessions of the International-Society-for-Heart-and-Lung-Transplantation*
Ploutz, M., Hollander, S., Reinhartz, O., Maeda, K., Yeh, J., Rosenthal, D.
ELSEVIER SCIENCE INC.2013: S289-S289
 - **Intermediate-term outcomes after combined heart-liver transplantation in children with a univentricular heart** *JOURNAL OF HEART AND LUNG TRANSPLANTATION*
Hollander, S. A., Reinhartz, O., Maeda, K., Hurwitz, M., Rosenthal, D. N., Bernstein, D.
2013; 32 (3): 368-370
 - **Cognitive outcomes in pediatric heart transplant recipients bridged to transplantation with ventricular assist devices** *JOURNAL OF HEART AND LUNG TRANSPLANTATION*
Stein, M. L., Bruno, J. L., Konopacki, K. L., Kesler, S., Reinhartz, O., Rosenthal, D.
2013; 32 (2): 212-220
 - **Midterm Results of the Modified Ross/Konno Procedure in Neonates and Infants** *ANNALS OF THORACIC SURGERY*
Maeda, K., Rizal, R. E., Lavrsen, M., Malhotra, S. P., Akram, S. A., Davies, R., Suleman, S., Reinhartz, O., Murphy, D. J., Hanley, F. L., Reddy, V. M.

2012; 94 (1): 156-163

- **Use of the Impella 5.0 as a bridge from ECMO to implantation of the HeartMate II left ventricular assist device in a pediatric patient** *PEDIATRIC TRANSPLANTATION*
Hollander, S. A., Reinhartz, O., Chin, C., Yeh, J., Maeda, K., Mallidi, H., Bernstein, D., Rosenthal, D.
2012; 16 (2): 205-206
- **Maintenance Dose of Warfarin in Sheep and Effect of Diet: A Preliminary Report** *JOURNAL OF INVESTIGATIVE SURGERY*
Sasaki, T., Tsuda, S., Trujillo, M., Riemer, R. K., Reinhartz, O.
2012; 25 (1): 29-32
- **Challenges in Longer-Term Mechanical Support of Fontan Circulation in Sheep** *ASAIO JOURNAL*
Boni, L., Sasaki, T., Ferrier, W. T., Yeung, J. T., Reichenbach, S. H., Riemer, R. K., Reinhartz, O.
2012; 58 (1): 60-64
- **Surgical Results in Patients With Pulmonary Atresia-Major Aortopulmonary Collaterals in Association With Total Anomalous Pulmonary Venous Connection** *ANNALS OF THORACIC SURGERY*
Mainwaring, R. D., Reddy, M., Reinhartz, O., Punn, R., Tacy, T., Hanley, F. L.
2011; 92 (5): 1756-1760
- **Anomalous Aortic Origin of a Coronary Artery: Medium-Term Results After Surgical Repair in 50 Patients** *ANNALS OF THORACIC SURGERY*
Mainwaring, R. D., Reddy, V. M., Reinhartz, O., Petrossian, E., Macdonald, M., Nasirov, T., Miyake, C. Y., Hanley, F. L.
2011; 92 (2): 691-697
- **Clinical usefulness of a novel C1q assay to detect immunoglobulin G antibodies capable of fixing complement in sensitized pediatric heart transplant patients** *JOURNAL OF HEART AND LUNG TRANSPLANTATION*
Chin, C., Chen, G., Sequeria, F., Berry, G., Siehr, S., Bernstein, D., Rosenthal, D., Reinhartz, O., Tyan, D.
2011; 30 (2): 158-163
- **Imaging and Surgical Repair of a Bifurcating Aortico-Left Ventricle Tunnel** *ANNALS OF THORACIC SURGERY*
Kaiser, C. A., Chung, T., Rosenfeld, H. M., Reinhartz, O.
2011; 91 (2): E23-E25
- **Bridging children of all sizes to cardiac transplantation: The initial multicenter North American experience with the Berlin Heart EXCOR ventricular assist device** *JOURNAL OF HEART AND LUNG TRANSPLANTATION*
Morales, D. L., Almond, C. S., Jaquiss, R. D., Rosenthal, D. N., Naftel, D. C., Massicotte, M. P., Humpl, T., Turrentine, M. W., Tweddell, J. S., Cohen, G. A., Kroschwitz, R., Devaney, E. J., Canter, et al
2011; 30 (1): 1-8
- **The hemi-Mustard/bidirectional Glenn atrial switch procedure in the double-switch operation for congenitally corrected transposition of the great arteries: Rationale and midterm results** *90th Annual Meeting of the American-Association-for-Thoracic-Surgery*
Malhotra, S. P., Reddy, V. M., Qiu, M., Pirolli, T. J., Barboza, L., Reinhartz, O., Hanley, F. L.
MOSBY-ELSEVIER.2011: 162-70
- **Behcet's disease and heart transplantation: A word of caution** *JOURNAL OF HEART AND LUNG TRANSPLANTATION*
Hollander, S. A., Yasnovsky, J. R., Reinhartz, O., Chan, F., Sandborg, C., Hunt, S., Bernstein, D., Chin, C.
2010; 29 (11): 1306-1308
- **Interagency Registry for Mechanically Assisted Circulatory Support (INTERMACS)-Defined Morbidity and Mortality Associated With Pediatric Ventricular Assist Device Support at a Single US Center The Stanford Experience** *CIRCULATION-HEART FAILURE*
Stein, M. L., Robbins, R., Sabati, A. A., Reinhartz, O., Chin, C., Liu, E., Bernstein, D., Roth, S., Wright, G., Reitz, B., Rosenthal, D.
2010; 3 (6): 682-688
- **Triiodothyronine Supplementation in Infants and Children Undergoing Cardiopulmonary Bypass (TRICC) A Multicenter Placebo-Controlled Randomized Trial: Age Analysis** *82nd National Conference and Exhibitions and Scientific Sessions of the American-Heart-Association*
Portman, M. A., Slee, A., Olson, A. K., Cohen, G., Karl, T., Tong, E., Hastings, L., Patel, H., Reinhartz, O., Mott, A. R., Mainwaring, R., Linam, J., Danzi, et al
LIPPINCOTT WILLIAMS & WILKINS.2010: S224-S233
- **Unusual Manifestations of Vascular Rings** *JOURNAL OF CARDIAC SURGERY*
Mainwaring, R. D., Jacobson, J. L., Reinhartz, O., Gates, R. L.
2010; 25 (1): 79-83

- **Selective Right Ventricular Unloading and Novel Technical Concepts in Ebstein's Anomaly** *45th Annual Meeting of the Society-of-Thoracic-Surgeons*
Malhotra, S. P., Petrossian, E., Reddy, V. M., Qiu, M., Maeda, K., Suleman, S., Macdonald, M., Reinhartz, O., Hanley, F. L.
ELSEVIER SCIENCE INC.2009: 1975–81
- **Recovery During Mid-Term Mechanical Support of Fontan Circulation in Sheep** *ASAIO JOURNAL*
Tsuda, S., Sasaki, T., Maeda, K., Riemer, R. K., Reichenbach, S. H., Reinhartz, O.
2009; 55 (4): 406-411
- **Use of INTERMACS Criteria To Assess Major Clinical Outcomes In Children Bridged to Heart Transplant Using Mechanical Circulatory Support** *29th Annual Meeting and Scientific Session of the International-Society-for-Heart-and-Lung-Transplantation*
Stein, M. L., Robbins, R., Sabati, A., Reinhartz, O., Chin, C., Liu, E., Bernstein, D., Roth, S., Wright, G., Reitz, B.
ELSEVIER SCIENCE INC.2009: S207–S208
- **Outcome Analysis for a Small, Start-up Congenital Heart Surgery Program** *1st Meeting of the World-Society-for-Pediatric-and-Congenital-Heart-Surgery*
Mainwaring, R. D., Reddy, V. M., Reinhartz, O., Lamberti, J. J., Jacobson, J. G., Jimenez, D. L., Hanley, F. L.
WILEY-BLACKWELL PUBLISHING, INC.2008: 622–26
- **Dynamics of human myocardial progenitor cell Populations in the neonatal period** *ANNALS OF THORACIC SURGERY*
Amir, G., Ma, X., Reddy, V. M., Hanley, F. L., Reinhartz, O., Ramamoorthy, C., Riemer, R. K.
2008; 86 (4): 1311-1320
- **Surgical management of coronary artery arising from the wrong coronary sinus, using standard and novel approaches** *85th Annual Meeting of the American-Association-for-Thoracic-Surgery*
Gulati, R., Reddy, V. M., Culbertson, C., Helton, G., Suleman, S., Reinhartz, O., Silverman, N., Hanley, F. L.
MOSBY-ELSEVIER.2007: 1171–U12
- **The extracardiac conduit Fontan operation using minimal approach extracorporeal circulation: Early and midterm outcomes** *85th Annual Meeting of the American-Association-for-Thoracic-Surgery*
Petrossian, E., Reddy, V. M., Collins, K. K., Culbertson, C. B., MacDonald, M. J., Lamberti, J. J., Reinhartz, O., Mainwaring, R. D., Francis, P. D., Malhotra, S. P., Gremmels, D. B., Suleman, S., Hanley, et al
MOSBY-ELSEVIER.2006: 1054–63
- **Coarctation of the aorta in the right aortic arch with left aberrant innominate artery** *PEDIATRIC CARDIOLOGY*
Bein, S., Saba, Z., Patel, H., Reinhartz, O., Hanley, F. L.
2006; 27 (5): 621-623
- **Unifocalization of major aortopulmonary collaterals in single-ventricle patients** *42nd Annual Meeting of the Society-of-Thoracic-Surgeons*
Reinhartz, O., Reddy, V. M., Petrossian, E., Suleman, S., Mainwaring, R. D., Rosenthal, D. N., Feinstein, J. A., Gulati, R., Hanley, F. L.
ELSEVIER SCIENCE INC.2006: 934–39
- **Homograft valved right ventricle to pulmonary artery conduit as a modification of the Norwood procedure** *78th Annual Scientific Session of the American-Heart-Association*
Reinhartz, O., Reddy, V. M., Petrossian, E., Macdonald, M., Lamberti, J. J., Roth, S. J., Wright, G. E., Perry, S. B., Suleman, S., Hanley, F. L.
LIPPINCOTT WILLIAMS & WILKINS.2006: I594–I599
- **Clinical outcomes in pediatric patients implanted with Thoratec ventricular assist device.** *Seminars in thoracic and cardiovascular surgery. Pediatric cardiac surgery annual*
Hill, J. D., Reinhartz, O.
2006: 115-122
- **Effect of surgical case volume on outcome after the Norwood procedure** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*
MacDonald, M. J., Reinhartz, O., Hanley, F. L.
2005; 130 (6): 1731-1731
- **Homograft valved right ventricle to pulmonary artery conduit as a modification of the norwood procedure** *78th Annual Scientific Session of the American-Heart-Association*
Reinhartz, O., Reddy, V. M., MacDonald, M. J., Lamberti, J. J., Petrossian, E., Perry, S. B., Suleman, S., Hanley, F. L.
LIPPINCOTT WILLIAMS & WILKINS.2005: U577–U577
- **Management of major aortopulmonary collateral arteries** *78th Annual Scientific Session of the American-Heart-Association*
Hanley, F. L., Reinhartz, O., Suleman, S., Gremmels, D. B., Perry, S. B., Feinstein, J. A., Reddy, V. M.

LIPPINCOTT WILLIAMS & WILKINS.2005: U576-U576

- **Thoratec ventricular assist devices in pediatric patients: Update on clinical results** *1st International Conference on Pediatric Mechanical Circulatory Support Systems and Pediatric Cardiopulmonary Perfusion*
Reinhartz, O., Hill, J. D., Al-Khalidi, A., Pelletier, M. P., Robbins, R. C., Farrar, D. J.
LIPPINCOTT WILLIAMS & WILKINS.2005: 501-3
- **An isolated left common carotid artery from the main pulmonary artery: Possible malseptation of the truncoaortic sac** *PEDIATRIC CARDIOLOGY*
Kaushik, N., Saba, Z., Rosenfeld, H., Patel, H. T., Martin, K., Reinhartz, O., Lamberti, J. J.
2005; 26 (5): 707-709
- **Mechanical support of total cavopulmonary connection with an axial flow pump** *50th Annual Conference of the American-Society-for-Artificial-Internal-Organs*
Riemer, R. K., Amir, G., Reichenbach, S. H., Reinhartz, O.
MOSBY-ELSEVIER.2005: 351-54
- **Tezosentan, a combined parenteral endothelin receptor antagonist, produces pulmonary vasodilation in lambs with acute and chronic pulmonary hypertension.** *Pediatric critical care medicine*
Fitzgerald, R. K., Oishi, P., Ovadia, B., Ross, G. A., Reinhartz, O., Johengen, M. J., Fineman, J. R.
2004; 5 (6): 571-577
- **Chronic endothelin A receptor blockade in lambs with increased pulmonary blood flow and pressure** *AMERICAN JOURNAL OF PHYSIOLOGY-LUNG CELLULAR AND MOLECULAR PHYSIOLOGY*
Fratz, S., Meyrick, B., Ovadia, B., Johengen, M. J., Reinhartz, O., Azakie, A., Ross, G., Fitzgerald, R., Oishi, P., Hess, J., Black, S. M., Fineman, J. R.
2004; 287 (3): L592-L597
- **Pulmonary expression of the hepatocyte growth factor receptor c-Met shifts from medial to intimal layer after cavopulmonary anastomosis** *83rd Annual Meeting of the American-Association-for-Thoracic-Surgery*
Ikai, A., Riemer, R. K., Ma, X. Y., Reinhartz, O., Hanley, F. L., Reddy, V. M.
MOSBY-ELSEVIER.2004: 1442-49
- **Thoratec ventricular assist devices in children with less than 1.3 m(2) of body surface area** *ASAIO JOURNAL*
Reinhartz, O., Copeland, J. G., Farrar, D. J.
2003; 49 (6): 727-730
- **Emergence of smooth muscle cell endothelin B-Mediated vasoconstriction in lambs with experimental congenital heart disease and increased pulmonary blood flow** *CIRCULATION*
Black, S. M., Mata-Greenwood, E., Dettman, R. W., Ovadia, B., Fitzgerald, R. K., Reinhartz, O., Thelitz, S., Steinhorn, R. H., Gerrets, R., Hendricks-Munoz, K., Ross, G. A., Bekker, J. M., Johengen, et al
2003; 108 (13): 1646-1654
- **Alterations in ET-1, not nitric oxide, in 1-week-old lambs with increased pulmonary blood flow** *AMERICAN JOURNAL OF PHYSIOLOGY-HEART AND CIRCULATORY PHYSIOLOGY*
Ovadia, B., Reinhartz, O., Fitzgerald, R., Bekker, J. M., Johengen, M. J., Azakie, A., Thelitz, S., Black, S. M., Fineman, J. R.
2003; 284 (2): H480-H490
- **Pulmonary vascular K⁺ channel expression and vasoreactivity in a model of congenital heart disease** *AMERICAN JOURNAL OF PHYSIOLOGY-LUNG CELLULAR AND MOLECULAR PHYSIOLOGY*
Cornfield, D. N., Resnik, E. R., Herron, J. M., Reinhartz, O., Fineman, J. R.
2002; 283 (6): L1210-L1219
- **Current clinical status of pulsatile pediatric circulatory support** *ASAIO JOURNAL*
Reinhartz, O., Stiller, B., Eilers, R., Farrar, D. J.
2002; 48 (5): 455-459
- **Alterations in nitric oxide production in 8-week-old lambs with increased pulmonary blood flow** *PEDIATRIC RESEARCH*
Black, S. M., Bekker, J. M., McMullan, D. M., Parry, A. J., Ovadia, B., Reinhartz, O., Lakshminrushimha, S., Mata-Greenwood, E., Steinhorn, R. H., Fineman, J. R.
2002; 52 (2)
- **Management of neonatal bronchovenous fistula after cardiopulmonary bypass** *ANNALS OF THORACIC SURGERY*
Reinhartz, O., DeSilva, A. M., Hanley, F. L.

2002; 73 (4): 1320-1322

- **Failing Fontan circulation sheep model and utilization of axial flow pump - Preliminary experiments** *8th World Congress on Heart Failure - Mechanisms and Management*
Reinhartz, O., Reichenbach, S. H., Ikai, A., Riemer, R. K., Karl, T. R.
MEDIMOND S R L.2002: 531-535
- **Multicenter experience with the Thoratec ventricular assist device in children and adolescents** *JOURNAL OF HEART AND LUNG TRANSPLANTATION*
Reinhartz, O., Keith, F. M., El-Banayosy, A., McBride, L. R., Robbins, R. C., Copeland, J. G., Farrar, D. J.
2001; 20 (4): 439-448
- **Importance of preoperative liver function as a predictor of survival in patients supported with thoratec ventricular assist devices as a bridge to transplantation** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*
Reinhartz, O., Farrar, D. J., Hershon, J. H., Avery, G. J., Haeusslein, E. A., Hill, J. D.
1998; 116 (4): 633-640
- **Timing of surgery in patients with acute infective endocarditis** *JOURNAL OF CARDIOVASCULAR SURGERY*
Reinhartz, O., Herrmann, M., Redling, F., Zerkowski, H. R.
1996; 37 (4): 397-400
- **BACTERIAL AND FUNGAL COLONIZATION AND INFECTIONS USING ORAL SELECTIVE BOWEL DECONTAMINATION IN ORTHOTOPIC LIVER TRANSPLANTATIONS** *TRANSPLANT INTERNATIONAL*
Steffen, R., Reinhartz, O., BLUMHARDT, G., Bechstein, W. O., Raakow, R., Langrehr, J. M., Rossaint, R., Slama, K., Neuhaus, P.
1994; 7 (2): 101-108