

Stanford



Stephen J. Roth

Professor of Pediatrics (Cardiology), Emeritus
Pediatrics - Cardiology

CLINICAL OFFICE (PRIMARY)

- **Cardiovascular Intensive Care Unit**

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ACADEMIC CONTACT INFORMATION

- **Administrative Contact**

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Bio

CLINICAL FOCUS

- Pediatric Cardiac Intensive Care
- Pediatric Critical Care Medicine

ACADEMIC APPOINTMENTS

- Emeritus (Active) Professor, Pediatrics - Cardiology
- Member, Bio-X
- Member, Cardiovascular Institute
- Member, Maternal & Child Health Research Institute (MCHRI)

ADMINISTRATIVE APPOINTMENTS

- Faculty Advisor, Lucile Packard Foundation for Children's Health, (2023- present)
- Associate Chief Medical Officer, Critical Care Services, Lucile Packard Children's Hospital, (2023- present)
- Interim Chief Quality Officer, Stanford Medicine Children's Health, (2022-2022)
- Director, Betty Irene Moore Children's Heart Center, Lucile Packard Children's Hospital, Stanford University, (2011-2020)
- Chief, Division of Pediatric Cardiology, Stanford University School of Medicine, (2011-2020)
- Interim Chief, Division of Pediatric Critical Care, Stanford University School of Medicine, (2016-2018)

HONORS AND AWARDS

- Gallen Professorship, Children's Hospital of Wisconsin (2019)
- Scholarship for Academic Achievement, Harvard University (1977-1979)
- A.B. magna cum laude with High Honors, Harvard University (1980)
- M.D. cum laude, Yale University (1986)
- Norma Bailey Berniker Prize, Yale University (1986)
- New England Pediatric Society Prize, New England Pediatric Society (1986)

- Clinical Investigator Development Award, National Institutes of Health (1992-1997)
- Faculty Teaching Award, Department of Cardiology, Children's Hospital Boston (1999)
- Listed, Best Doctors in America (2001-present)

PROFESSIONAL EDUCATION

- Fellowship: Boston Childrens Hospital Pediatric Cardiology Fellowship (1992) MA
- Residency: Boston Childrens Hospital Pediatric Residency (1989) MA
- Board Certification: Pediatric Cardiology, American Board of Pediatrics (1994)
- Medical Education: Yale School Of Medicine (1986) CT
- M.P.H., Harvard School of Public Health , Tropical Public Health (1986)
- M.D., Yale University School of Medicine (1986)

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Randomized Therapeutic Trials in Pediatric Heart Disease, NIH/U01 GrantNo. HL68285 2001-2006.

Heparin and the Reduction of Thrombosis (HART) Study. Pediatric Health Research Fund Award, Stanford Univ Sch of Medicine, 2005-2006.

A Pilot Trial fo B-type Natriuretic Peptide for Promotion of Urine Output in Diuretic-Resistant Infants Following Cardiovascular Surgery.Pediatric Health Research Fund Award, Stanford Univ Sch of Medicine, 2005-2006.

Publications

PUBLICATIONS

- **Preventing Urgent Pediatric Readmissions:#The Need for and Promise of Real-Time Monitoring.** *JMIR pediatrics and parenting*
Thapa, I., Han, B., Rosenthal, D. N., Roth, S. J., Shin, A. Y., Bambos, N., Scheinker, D.
2025; 8: e60802
- **A Platform for the Personalized Management of Diabetes and Cardiovascular Disease at Population Scale With Data From Multiple Sensors**
Senanayake, R., Ferstad, J. O., Thapa, I., Giammarino, F., Vasu, M., Zaharieva, D., Prahalad, P., Maahs, D. M., Rosenthal, D. N., Rodriguez, F., Bambos, N., Miller, D., Shin, et al
LIPPINCOTT WILLIAMS & WILKINS.2022
- **Hemodynamic and Echocardiographic Predictors of Mortality in Pediatric Patients on Venoarterial Extracorporeal Membrane Oxygenation - A Multicenter Investigation.** *Journal of the American Society of Echocardiography : official publication of the American Society of Echocardiography*
Punn, R., Falkensammer, C. B., Blinder, J. J., Fifer, C. G., Thorsson, T., Perens, G., Federman, M., Gupta, P., Best, T., Arya, B., Chan, T., Sherman-Levine, S., Smith, et al
2022
- **Physician Understanding of and Beliefs About Leadership.** *Journal of healthcare management / American College of Healthcare Executives*
Collins, R. T., Purington, N., Roth, S. J.
2022; 67 (2): 120-136
- **Establishing Entrustable Professional Activities in Pediatric Cardiac Critical Care.** *Pediatric critical care medicine : a journal of the Society of Critical Care Medicine and the World Federation of Pediatric Intensive and Critical Care Societies*
Werho, D. K., DeWitt, A. G., Owens, S. T., McBride, M. E., van Schaik, S., Roth, S. J.
2021
- **Standardized Training for Physicians Practicing Pediatric Cardiac Critical Care.** *Pediatric critical care medicine : a journal of the Society of Critical Care Medicine and the World Federation of Pediatric Intensive and Critical Care Societies*
Tabbutt, S., Krawczeski, C., McBride, M., Amirnovin, R., Owens, G., Smith, A., Wolf, M., Rhodes, L., Hehir, D., Asija, R., Teele, S. A., Ghanayem, N., Zyblewski, et al

2021

- **"Echo pause" for postoperative transthoracic echocardiographic surveillance.** *Echocardiography (Mount Kisco, N.Y.)*
Cox, K., Arunamata, A., Krawczeski, C. D., Reddy, C., Kipps, A. K., Long, J., Roth, S. J., Axelrod, D. M., Hanley, F., Shin, A., Selamet Tierney, E. S.
2019
- **ESTABLISHING ENTRUSTABLE PROFESSIONAL ACTIVITIES IN PEDIATRIC CARDIAC CRITICAL CARE**
Werho, D., DeWitt, A., Owens, S., McBride, M., Van Schaik, S., Roth, S.
LIPPINCOTT WILLIAMS & WILKINS.2019
- **Surgical algorithm and results for repair of pulmonary atresia with ventricular septal defect and major aortopulmonary collaterals** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*
Mainwaring, R. D., Patrick, W. L., Roth, S. J., Kamra, K., Wise-Faberowski, L., Palmon, M., Hanley, F. L.
2018; 156 (3): 1194–1204
- **The Impact of Massage and Reading on Children's Pain and Anxiety After Cardiovascular Surgery: A Pilot Study*** *PEDIATRIC CRITICAL CARE MEDICINE*
Staveski, S. L., Boulanger, K., Erman, L., Lin, L., Almgren, C., Journal, C., Roth, S. J., Golianu, B.
2018; 19 (8): 725–32
- **Diagnostic errors in paediatric cardiac intensive care** *CARDIOLOGY IN THE YOUNG*
Bhat, P. N., Costello, J. M., Aiyagari, R., Sharek, P. J., Algaze, C. A., Mazwi, M. L., Roth, S. J., Shin, A. Y.
2018; 28 (5): 675–82
- **Surgical algorithm and results for repair of pulmonary atresia with ventricular septal defect and major aortopulmonary collaterals.** *The Journal of thoracic and cardiovascular surgery*
Mainwaring, R. D., Patrick, W. L., Roth, S. J., Kamra, K., Wise-Faberowski, L., Palmon, M., Hanley, F. L.
2018
- **QUALITY OF INR CONTROL IN A CENTRALIZED PHARMACIST-LED PEDIATRIC CARDIOLOGY WARFARIN MANAGEMENT PROGRAM**
Lee, J., Murray, J., Wilkens, S., Zhang, Y., Nishioka, F., Rosenthal, D., Roth, S., Murphy, D., McElhinney, D., Almond, C.
ELSEVIER SCIENCE INC.2018: 609
- **The Burdens of Offering: Ethical and Practical Considerations** *WORLD JOURNAL FOR PEDIATRIC AND CONGENITAL HEART SURGERY*
Kirsch, R. E., Coronado, J., Roeleveld, P. P., Tweddell, J., Mott, A. M., Roth, S. J.
2017; 8 (6): 715–20
- **Interprofessional Team's Perception of Care Delivery After Implementation of a Pediatric Pain and Sedation Protocol.** *Critical care nurse*
Staveski, S. L., Wu, M., Tesoro, T. M., Roth, S. J., Cisco, M. J.
2017; 37 (3): 66-76
- **INSURANCE TYPE IS ASSOCIATED WITH LONGER HOSPITAL DURATION BUT SIMILAR MORTALITY AMONG CHILDREN UNDERGOING CONGENITAL HEART SURGERY**
Ryan, K., Algaze, C., Sakarovitch, C., Do, T., Yarlagadda, V., Fernandes, S., McElhinney, D., Roth, S., Krawczeski, C., Shin, A.
ELSEVIER SCIENCE INC.2017: 569
- **Institution of Veno-arterial Extracorporeal Membrane Oxygenation Does Not Lead to Increased Wall Stress in Patients with Impaired Myocardial Function** *PEDIATRIC CARDIOLOGY*
Koth, A. M., Axelrod, D. M., Reddy, S., Roth, S. J., Tacy, T. A., Pun, R.
2017; 38 (3): 539-546
- **Practice Patterns in Postoperative Echocardiographic Surveillance after Congenital Heart Surgery in Children: A Single Center Experience** *JOURNAL OF PEDIATRICS*
Arunamata, A., Axelrod, D. M., Kipps, A. K., McElhinney, D. B., Shin, A. Y., Hanley, F. L., Olson, I. L., Roth, S. J., Tierney, E. S.
2017; 180: 87-?
- **Institution of Veno-arterial Extracorporeal Membrane Oxygenation Does Not Lead to Increased Wall Stress in Patients with Impaired Myocardial Function.** *Pediatric cardiology*
Koth, A. M., Axelrod, D. M., Reddy, S., Roth, S. J., Tacy, T. A., Pun, R.
2016

- **Training fellows and residents in paediatric cardiac critical care.** *Cardiology in the young*
Tabbutt, S., Ghanayem, N., Almodovar, M. C., Charpie, J., Roth, S. J., Fortenberry, J., Bronicki, R.
2016; 26 (8): 1531-1536
- **Practice Patterns in Postoperative Echocardiographic Surveillance after Congenital Heart Surgery in Children: A Single Center Experience.** *Journal of pediatrics*
Arunamata, A., Axelrod, D. M., Kipps, A. K., McElhinney, D. B., Shin, A. Y., Hanley, F. L., Olson, I. L., Roth, S. J., Selamet Tierney, E. S.
2016
- **Silver-Impregnated Dressings for Sternotomy Incisions to Prevent Surgical Site Infections in Children.** *American journal of critical care*
Staveski, S., Abrajano, C., Casazza, M., Bair, E., Quan, H., Dong, E., Petty, A., Felix, K., Roth, S. J.
2016; 25 (5): 402-408
- **HARMFUL DIAGNOSTIC ERRORS OCCUR FREQUENTLY IN PEDIATRIC CARDIAC INTENSIVE CARE: A MULTI-SITE SURVEY**
Bhat, P. N., Costello, J., Aiyagari, R., Sharek, P., Mazwi, M., Roth, S., Shin, A.
ELSEVIER SCIENCE INC.2016: 1001
- **Changes in Efficiency and Safety Culture After Integration of an I-PASS-Supported Handoff Process.** *Pediatrics*
Sheth, S., McCarthy, E., Kipps, A. K., Wood, M., Roth, S. J., Sharek, P. J., Shin, A. Y.
2016; 137 (2): 1-9
- **A Double-Blinded, Randomized, Placebo-Controlled Clinical Trial of Aminophylline to Prevent Acute Kidney Injury in Children Following Congenital Heart Surgery With Cardiopulmonary Bypass.** *Pediatric critical care medicine*
Axelrod, D. M., Sutherland, S. M., Anglemeyer, A., Grimm, P. C., Roth, S. J.
2016; 17 (2): 135-143
- **Training Pathways in Pediatric Cardiac Intensive Care: Proceedings From the 10th International Conference of the Pediatric Cardiac Intensive Care Society.** *World journal for pediatric & congenital heart surgery*
Anand, V., Kwiatkowski, D. M., Ghanayem, N. S., Axelrod, D. M., DiNardo, J., Klugman, D., Krishnamurthy, G., Siehr, S., Stromberg, D., Yates, A. R., Roth, S. J., Cooper, D. S.
2016; 7 (1): 81-88
- **Exploring Value in Congenital Heart Disease: An Evaluation of Inpatient Admissions.** *Congenital heart disease*
Shin, A. Y., Hu, Z., Jin, B., Lal, S., Rosenthal, D. N., Efron, B., Sharek, P. J., Sutherland, S. M., Cohen, H. J., McElhinney, D. B., Roth, S. J., Ling, X. B.
2015; 10 (6): E278-87
- **Exploring Value in Congenital Heart Disease: An Evaluation of Inpatient Admissions** *CONGENITAL HEART DISEASE*
Shin, A. Y., Hu, Z., Jin, B., Lal, S., Rosenthal, D. N., Efron, B., Sharek, P. J., Sutherland, S. M., Cohen, H. J., McElhinney, D. B., Roth, S. J., Ling, X. B.
2015; 10 (6): E278-E287
- **Task Force 5: Pediatric Cardiology Fellowship Training in Critical Care Cardiology** *CIRCULATION*
Feltes, T. F., Roth, S. J., Almodovar, M. C., Andropoulos, D. B., Bohn, D. J., Costello, J. M., Gajarski, R. J., Mott, A. R., Koenig, P.
2015; 132 (6): E81-E90
- **Association of presence and timing of invasive airway placement with outcomes after pediatric in-hospital cardiac arrest** *RESUSCITATION*
Gupta, P., Rettiganti, M., Gossett, J. M., Kuo, K., Chow, V., Dao, D. T., Roth, S. J.
2015; 92: 53-58
- **Association of presence and timing of invasive airway placement with outcomes after pediatric in-hospital cardiac arrest.** *Resuscitation*
Gupta, P., Rettiganti, M., Gossett, J. M., Kuo, K., Chow, V., Dao, D. T., Roth, S. J.
2015; 92: 53-8
- **Utility of Clinical Biomarkers to Predict Central Line-associated Bloodstream Infections After Congenital Heart Surgery.** *Pediatric infectious disease journal*
Shin, A. Y., Jin, B., Hao, S., Hu, Z., Sutherland, S., McCammond, A., Axelrod, D., Sharek, P., Roth, S. J., Ling, X. B.
2015; 34 (3): 251-254
- **Incidence, Predictors, and Outcomes of Extubation Failure in Children After Orthotopic Heart Transplantation: A Single-Center Experience** *PEDIATRIC CARDIOLOGY*

- Gupta, P., Chow, V., Gossett, J. M., Yeh, J. C., Roth, S. J.
2015; 36 (2): 300-307
- **Cardiac Intensive Care ANESTHESIA FOR CONGENITAL HEART DISEASE, 3RD EDITION**
Ben Sivarajan, V., Yeh, J. C., Laussen, P. C., Roth, S. J.
edited by Andropoulos, D. B., Stayer, S., Mossad, E. B., MillerHance, W. C.
2015: 720–50
 - **Predictors of Mortality in Pediatric Patients on Venous Extracorporeal Membrane Oxygenation PEDIATRIC CRITICAL CARE MEDICINE**
Punn, R., Axelrod, D. M., Sherman-Levine, S., Roth, S. J., Tacy, T. A.
2014; 15 (9): 870-877
 - **Outcomes Following Cardiac Catheterization After Congenital Heart Surgery CATHETERIZATION AND CARDIOVASCULAR INTERVENTIONS**
Siehr, S. L., Martin, M. H., Axelrod, D., Efron, B., Peng, L., Roth, S. J., Perry, S., Shin, A. Y.
2014; 84 (4): 622-628
 - **Reperfusion pulmonary edema in children with tetralogy of Fallot, pulmonary atresia, and major aortopulmonary collateral arteries undergoing unifocalization procedures: A pilot study examining potential pathophysiologic mechanisms and clinical significance. journal of thoracic and cardiovascular surgery**
Asija, R., Roth, S. J., Hanley, F. L., Peng, L., Liu, K., Abbott, J., Zhuo, H., Matthay, M.
2014; 148 (4): 1560-1565
 - **Outcomes following cardiac catheterization after congenital heart surgery. Catheterization and cardiovascular interventions**
Siehr, S. L., Martin, M. H., Axelrod, D., Efron, B., Peng, L., Roth, S. J., Perry, S., Shin, A. Y.
2014; 84 (4): 622-628
 - **Reperfusion pulmonary edema in children with tetralogy of Fallot, pulmonary atresia, and major aortopulmonary collateral arteries undergoing unifocalization procedures: A pilot study examining potential pathophysiologic mechanisms and clinical significance JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY**
Asija, R., Roth, S. J., Hanley, F. L., Peng, L., Liu, K., Abbott, J., Zhuo, H., Matthay, M.
2014; 148 (4): 1560-1565
 - **Sedative and analgesic use on night and day shifts in a pediatric cardiovascular intensive care unit. AACN advanced critical care**
Staveski, S. L., Tesoro, T. M., Cisco, M. J., Roth, S. J., Shin, A. Y.
2014; 25 (2): 114-118
 - **Sedative and Analgesic Use on Night and Day Shifts in a Pediatric Cardiovascular Intensive Care Unit AACN ADVANCED CRITICAL CARE**
Staveski, S. L., Tesoro, T. M., Cisco, M. J., Roth, S. J., Shin, A. Y.
2014; 25 (2): 114–18
 - **Variability of Characteristics and Outcomes Following Cardiopulmonary Resuscitation Events in Diverse ICU Settings in a Single, Tertiary Care Children's Hospital*. Pediatric critical care medicine**
Gupta, P., Yan, K., Chow, V., Dao, D. T., Gossett, J. M., Leong, K., Franzon, D., Halamek, L. P., Reddy, S., Berg, R. A., Roth, S. J., Nadkarni, V. M.
2014; 15 (3): e128-41
 - **Initial Experience Using Aminophylline to Improve Renal Dysfunction in the Pediatric Cardiovascular ICU PEDIATRIC CRITICAL CARE MEDICINE**
Axelrod, D. M., Anglemeyer, A. T., Sherman-Levine, S. F., Zhu, A., Grimm, P. C., Roth, S. J., Sutherland, S. M.
2014; 15 (1): 21-27
 - **One hundred useful references in pediatric cardiac intensive care: the 2012 update. Pediatric critical care medicine**
Axelrod, D. M., Klugman, D., Wright, G. E., Chang, A., Bronicki, R., Roth, S. J.
2013; 14 (8): 770-785
 - **Clinical outcome score predicts the need for neurodevelopmental intervention after infant heart surgery JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY**
Mackie, A. S., Alton, G. Y., Dinu, I. A., Joffe, A. R., Roth, S. J., Newburger, J. W., Robertson, C. M.
2013; 145 (5): 1248-?

- **Postoperative respiratory failure in children with tetralogy of fallot, pulmonary atresia, and major aortopulmonary collaterals: a pilot study.** *Pediatric critical care medicine*
Asija, R., Hanley, F. L., Roth, S. J.
2013; 14 (4): 384-389
- **Efficacy and Predictors of Success of Noninvasive Ventilation for Prevention of Extubation Failure in Critically Ill Children With Heart Disease** *PEDIATRIC CARDIOLOGY*
Gupta, P., Kuperstock, J. E., Hashmi, S., Arnolde, V., Gossett, J. M., Prodhon, P., Venkataraman, S., Roth, S. J.
2013; 34 (4): 964-977
- **PREDICTORS OF MORTALITY IN PEDIATRIC PATIENTS ON VENOUS-ARTERIAL EXTRACORPOREAL MEMBRANE OXYGENATION** *62nd Annual Scientific Session of the American-College-of-Cardiology*
Punn, R., Axelrod, D., Roth, S., Tacy, T.
ELSEVIER SCIENCE INC.2013: E436-E436
- **Pediatric plastic bronchitis: case report and retrospective comparative analysis of epidemiology and pathology.** *Case reports in pulmonology*
Kunder, R., Kunder, C., Sun, H. Y., Berry, G., Messner, A., Frankovich, J., Roth, S., Mark, J.
2013; 2013: 649365-?
- **Safety and efficacy of prolonged dexmedetomidine use in critically ill children with heart disease** *PEDIATRIC CRITICAL CARE MEDICINE*
Gupta, P., Whiteside, W., Sabati, A., Tesoro, T. M., Gossett, J. M., Tobias, J. D., Roth, S. J.
2012; 13 (6): 660-666
- **Early Outcomes After Extracardiac Conduit Fontan Operation Without Cardiopulmonary Bypass** *PEDIATRIC CARDIOLOGY*
McCammond, A. N., Kuo, K., Parikh, V. N., Abdullah, K., Balise, R., Hanley, F. L., Roth, S. J.
2012; 33 (7): 1078-1085
- **Predictors for use of temporary epicardial pacing wires after pediatric cardiac surgery** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*
Gupta, P., Jines, P., Gossett, J. M., Maurille, M., Hanley, F. L., Reddy, V. M., Miyake, C. Y., Roth, S. J.
2012; 144 (3): 557-562
- **Pulmonary reperfusion injury after the unifocalization procedure for tetralogy of Fallot, pulmonary atresia, and major aortopulmonary collateral arteries** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*
Maskatia, S. A., Feinstein, J. A., Newman, B., Hanley, F. L., Roth, S. J.
2012; 144 (1): 184-189
- **Nursing mortality and morbidity and journal club cycles: paving the way for nursing autonomy, patient safety, and evidence-based practice.** *AACN advanced critical care*
Staveski, S., Leong, K., Graham, K., Pu, L., Roth, S.
2012; 23 (2): 133-141
- **Rapid Response Team Implementation in a Children's Hospital** *ARCHIVES OF PEDIATRICS & ADOLESCENT MEDICINE*
Sharek, P. J., Parast, L. M., Roth, S. J.
2011; 165 (12): 1139-1139
- **Hemodynamic correlates of serum cortisol in neonates after cardiopulmonary bypass** *PEDIATRIC CRITICAL CARE MEDICINE*
Mackie, A. S., Gauvreau, K., Booth, K. L., Newburger, J. W., Laussen, P. C., Roth, S. J.
2011; 12 (3): 297-303
- **Survival after extreme left atrial hypertension and pulmonary hemorrhage in an infant supported with extracorporeal membrane oxygenation for refractory atrial flutter** *PEDIATRIC CRITICAL CARE MEDICINE*
Cisco, M. J., Asija, R., Dubin, A. M., Perry, S. B., Hanley, F. L., Roth, S. J.
2011; 12 (3): E149-E152
- **Implementation of a Comprehensive Interdisciplinary Care Coordination of Infants and Young Children on Berlin Heart Ventricular Assist Devices** *JOURNAL OF CARDIOVASCULAR NURSING*
Staveski, S. L., Avery, S., Rosenthal, D. N., Roth, S. J., Wright, G. E.
2011; 26 (3): 231-238

- **PULMONARY REPERFUSION INJURY AFTER THE UNIFOCALIZATION PROCEDURE FOR TETRALOGY OF FALLOT, PULMONARY ATRESIA AND MAJOR AORTOPULMONARY COLLATERAL ARTERIES** *60th Annual Scientific Session and Expo of the American-College-of-Cardiology (ACC) / 12 Summit / ACCF/Herman K. Gold Young Investigator's Award in Molecular and Cellular Cardiology*
Maskatia, S., Feinstein, J. A., Newman, B., Hanley, F. L., Roth, S. J.
ELSEVIER SCIENCE INC.2011: E419–E419
- **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
- **A continuous heparin infusion does not prevent catheter-related thrombosis in infants after cardiac surgery** *PEDIATRIC CRITICAL CARE MEDICINE*
Schroeder, A. R., Axelrod, D. M., Silverman, N. H., Rubesova, E., Merkel, E., Roth, S. J.
2010; 11 (4): 489-495
- **Cardiac intensive care ANESTHESIA FOR CONGENITAL HEART DISEASE**
Laussen, P. C., Roth, S. J.
edited by Andropoulos, D. B., Stayer, S. A., Russell, Mossad, E. B.
2010: 583–611
- **Host Factor Vulnerability and Development of Progressive Intraluminal Pulmonary Vein Stenosis after Congenital Heart Surgery** *CONGENITAL HEART DISEASE*
Goff, D. A., Gauvreau, K., del Nido, P. J., Kieran, M. W., Roth, S. J., Jenkins, K. J.
2009; 4 (2): 86-90
- **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
- **Randomized trial of hematocrit 25% versus 35% during hypothermic cardiopulmonary bypass in infant heart surgery** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*
Newburger, J. W., Jonas, R. A., Soul, J., Kussman, B. D., Bellinger, D. C., Laussen, P. C., Robertson, R., Mayer, J. E., Pedro, J. d., Bacha, E. A., Forbess, J. M., Pigula, F., Roth, et al
2008; 135 (2): 347-U97
- **Response to Frost P and Wise MP: Cardiorespiratory Arrests and Rapid Response Teams in Pediatrics** *Journal of the American Medical Association*
Sharek PJ, Roth SJ
2008; 299: 1423-1424
- **Effect of a rapid response team on hospital-wide mortality and code rates outside the ICU in a children's hospital** *JAMA-JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION*
Sharek, P. J., Parast, L. M., Leong, K., Coombs, J., Earnest, K., Sullivan, J., Frankel, L. R., Roth, S. J.
2007; 298 (19): 2267-2274
- **Heparin and catheter-related thrombosis in infants following cardiac surgery: Interim results from a randomized trial** *80th Annual Scientific Session of the American-Heart-Association (AHA)*
Schroeder, A. R., Silverman, N., Axelrod, D. M., Merkel, E., Roth, S. J., Packard, L.
LIPPINCOTT WILLIAMS & WILKINS.2007: 515–15
- **Determinants of early outcome after neonatal cardiac surgery in a developing country** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*
Bakshi, K. D., Vaidyanathan, B., Sundaram, K. R., Roth, S. J., Shivaprakasha, K., Rao, S. G., Nair, S. G., Chengode, S., Kumar, R. K.
2007; 134 (3): 765-771
- **Indication for initiation of mechanical circulatory support impacts survival of infants with shunted single-ventricle circulation supported with extracorporeal membrane oxygenation** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*
Allan, C. K., Thiagarajan, R. R., del Nido, P. J., Roth, S. J., Almodovar, M. C., Laussen, P. C.
2007; 133 (3): 660-667

- **Cerebral perfusion and oxygenation after the Norwood procedure: Comparison of right ventricle-pulmonary artery conduit with modified Blalock-Taussig shunt** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*
Kussman, B. D., Gauvreau, K., DiNardo, J. A., Newburger, J. W., Mackie, A. S., Booth, K. L., del Nido, P. J., Roth, S. J., Laussen, P. C.
2007; 133 (3): 648-655
- **Design of a large cross-sectional study to facilitate future clinical trials in children with the Fontan palliation** *AMERICAN HEART JOURNAL*
Sleeper, L. A., Anderson, P., Hsu, D. T., Mahony, L., McCrindle, B. W., Roth, S. J., Saul, J. P., Williams, R. V., Geva, T., Colan, S. D., Clark, B. J.
2006; 152 (3): 427-433
- **Somatic growth after ventricular septal defect in malnourished infants** *JOURNAL OF PEDIATRICS*
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