

CURRICULUM VITAE

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Professional Honors or Recognition:

Alpha Omega Alpha - Honor Junior (UMDNJ), 1977

Bibliography:

Original articles

1. Fahey JT and Lister G: A simple method for reducing cardiac output in the conscious lamb. Am J Physiol 249 (Heart Circ Physiol 18): H188-H192, 1985.

2. Fahey JT and Lister G: Postnatal changes in critical cardiac output and oxygen transport in conscious lambs. *Am J Physiol* 253 (Heart Circ Physiol 22): H-100-H106, 1987.
3. Fahey JT and Lister G: Oxygen transport in low cardiac output states. *J Crit Care*, Vol 2, No 4: 288-305, 1987.
4. Heusser F, Fahey JT, and Lister G: Effect of hemoglobin concentration on critical cardiac output and oxygen transport. *Am J Physiol* 256 (Heart Circ Physiol 25): H527-H532, 1989.
5. Fahey JT and Lister G: Response to low cardiac output: Developmental differences in metabolism during oxygen deficit and recovery in lambs. *Pediatric Research* 26: 180-187, 1989.
6. Hellenbrand, WE, Fahey JT, McGowan FX, Weltin GG, Kleinman CS. Transesophageal echocardiographic guidance of transcatheter closure of interatrial septal defects. *Am J Cardiol*. 66:207-213, 1990.
7. Hijazi AM, Fahey JT, Kleinman CS, Hellenbrand WE: Balloon Angioplasty for Recurrent Coarctation of Aorta. *Circulation* 84:1150-1156, 1991.
8. Hijazi ZM, Fahey JT, Kleinman CS, Kopf GS, Hellenbrand WE: Hemodynamic Evaluation Before and After Closure of Fenestrated Fontan. *Circulation*; 86:196-202, 1992.
9. Kopf GS, Kleinman CS, Hijazi ZM, Fahey JT, Dewar ML, Hellenbrand WE: Fenestrated Fontan operation with Delayed Transcatheter Closure of Atrial Septal Defect. *J. Thoracic and Cardiovascular Surgery*, Vol. 103, No. 6, pp. 1039-1048, June, 1992.
10. Kelley J, Mack G, Fahey JT. Diminished Venous Vascular Capacitance in Patients with Univentricular Hearts after the Fontan Operation. *Am J Cardiol*;76:158-163, 1995.
11. Bulbul Z, Fahey J, Doyle T, Hijazi Z, Hellenbrand W. Transcatheter closure of the patent ductus arteriosus: A comparative study between occluding coils and the Rashkind umbrella device. *Cathet Cardiovasc Diagnosis* 39: 355-363, 1996
12. Bulbul Z, Bruckheimer E, Love J, Fahey J, Hellenbrand W. Implantation of balloon-expandable stents for coarctation of the aorta: Implantation data and short-term results. *Cathet Cardiovasc Diagnosis* 39: 36-42, 1996
13. Fahey JT, Lister G. Hepatic and gastrointestinal oxygen and lactate metabolism during low cardiac output in lambs. *Pediatric Research* 41/6 1997
14. Nehgme N, Fahey J, Smith C, Carpenter T. Cardiovascular abnormalities in patients with X-linked hypophosphatemia. *J Clin Endocrinol Metab* 82: 2450-2454, 1997

15. Bruckheimer E, Bulbul Z, Gailani M, Pinter E, Kleinman C, Fahey J. Inhaled nitric oxide therapy in a critically ill neonate with Ebstein's anomaly. *Pediatric Cardiol.* 19:477-479, 1998
16. Bruckheimer E, Maheshwari S, Doyle T, Fahey J, Hellenbrand W. Catheter Intervention (5), Transcatheter Coil Closure of Coronary Artery Fistulae: Acute and Intermediate term results. *In. Proceedings of the 2nd World congress of PCCS.* Futura Publishing:665-667, 1998
17. Maheshwari S, Bruckheimer E, Fahey J, Hellenbrand W. Balloon Angioplasty for Aortic Recoarctation in Infants: The Risk of Restenosis and Long Term Follow-up. *JACC* 35(1): 209-13, 2000
18. DeStefano R, Caprio S, Fahey J, Tamborlane W, Goldberg, B. Beneficial Effects of Supervised Physical activity in the Management of Overweight Boys. *Pediatric Diabetes*, 1:61-65, 2000
19. Hamdan M, Maheshwari S, Fahey J, Hellenbrand W. Endovascular stents for coarctation of the aorta: Initial results and intermediate-term follow-up. *J Am Coll Cardiol* 38: 1518-23, 2001
20. Fahey J, Jones-Bryant N, Karas d, Goldberg B, Destefano R, Gracco C. Exercise-Induced stridor in female athletes. *Pediatr Pulmonary*. In press.

Case Reports

1. Markowitz RJ, Fahey JT, Hellenbrand WE, Kopf GS, and Rothstein P: Bronchial compression by a patent ductus arteriosus associated with pulmonary atresia. *Amer J Roent* 144: 535-540, 1985.
2. Ascuitto RJ, Ross-Ascuitto NT, Kopf GS, Fahey JT, Kleinman CS, Hellenbrand WE, Talner NS: Persistent left superior vena cava causing subdivided left atrium: diagnosis and surgical management. *Ann Thoracic Surg* 44: 546-549, 1987.
3. Ascuitto RJ, Ross-Ascuitto NT, Markowitz RJ, Kopf GS, Hellenbrand WE, Fahey JT, Kleinman CS. Aneurysms of the right ventricular outflow tract after tetralogy of Fallot repair: Role of radiology. *Radiology* 167: 115-119, 1988.
4. Maheshwari S, Bruckheimer E, Nehgme R, Fahey J, Kholwadwala D, Hellenbrand W. Single coronary artery complicating stent implantation for homograft stenosis in tetralogy of Fallot. *Cathet. Cardiovasc. Diagn.* 42: 405-407, 1997

Reviews, Chapters, Books

1. Lister G and Fahey JT. Chapter 45 Shock. In Adams FH, Emmanouilides GC (Eds). Moss' Heart Disease in Infants, Children and Adolescents, 1989, 1995.

2. Lister G and Fahey JT. Oxygen Transport. Chapter in: Chernick V, Mellins R, eds: Basic Mechanism of Pediatric Respiratory Disease: Cellular and Integrative. Pages 129-144, 1991.
3. Hellenbrand WE and Fahey JT: Transcatheter Closure of Abnormal Shunt Pathways. In: Percutaneous Balloon Valvuloplasty and Related Techniques. Eds: Thomas M. Bashore and Charles J. Davidson, Pages 295-320, 1991.
4. Talner NS, Lister G, Fahey JT: The effects of asphyxia on the myocardium of the fetus and newborn. Chapter in Fox M, Polis R, Eds: Fetal and Neonatal Physiology. Pages 759-969, 1992.
5. Fahey JT, Lister G: Oxygen demand, delivery and consumption. Chapter In: Fuhrman B, Zimmerman J, eds: Pediatric Critical Care. Pages 237-248, 1992.
6. Fahey JT: Cardiovascular Function in Children with acquired and congenital heart disease. *Current Opinion in Cardiology*. 7:111-115, 1993
7. Friedman AH, Fahey JT: The transition from fetal to neonatal circulation: Normal responses and implications for infants with heart disease. *Seminars in Perinatology*. 17:106-121, 1993.
8. Fahey JT: Hepatic blood flow: Developmental Aspects. *Chapter In: Suchy F (Ed): Liver Disease in Children*. Pages 31-38, 1994.
9. Fahey JT. Congenital Heart Disease. Shunt Lesions and Cyanotic Heart Disease. Chapter In: Goldberg B (Ed): Sports and Exercise in Children with Chronic Health Conditions, Human Kinetics Publisher, Champaign, IL. Pages 207-224, 1995.
10. Fahey JT, Lister G. Oxygen Demand, Delivery, and Consumption. *Chapter in : Pediatric Critical Care*. Fuhrman B, Zimmerman J. Eds, Mosby Year Book, 1998
11. Lister G, Fahey J. Oxygen Transport. *Chapter in: Basic Mechanisms of Pediatric Respiratory Disease*. Haddad G, Abman S, Chernick V (Eds), B C Decker, Inc, Philadelphia 2002
12. Fahey, JT. Chest Pain. *Chapter in: Rudolph's Pediatrics*. Appleton & Lange, San Mateo , CA 2002
13. Fahey J, Cooper D. Clinical Exercise Testing in Children. *Chapter In: Progress in Respiratory Research: Clinical Exercise Testing*. Karger 2002