

## Division Data Summary

### Research and Training Details

Number of Faculty	4
Number of Support Personnel	3
Direct Annual Grant Support	\$323,418
Peer Reviewed Publications	11

### Clinical Activities and Training

Number of Clinical Staff	2
Inpatient Encounters	338
Outpatient Encounters	371

## Significant Publications

### Faculty Members

**Pirooz Eghtesady, MD**, Associate Professor

**Research Interests** Fetal Cardiac Surgery

**Peter B. Manning, MD**, Professor

**Research Interests**

**Alistair Phillips, MD**, Associate Professor

*Surgical Director, Adult Congenital Heart Disease*

*Surgical Director, Transplantation*

**Research Interests**

**Jeffrey Shuhaiber, MD**, Assistant Professor

**Research Interests**

### Clinical Staff Members

- Traci Ashcraft, PA-C
- Megan Miller, PA-C

## Division Publications

1. Anderson JB, Beekman RH, 3rd, Eghtesady P, Kalkwarf HJ, Uzark K, Kehl JE, Marino BS. **Predictors of poor weight gain in infants with a single ventricle**. *The Journal of pediatrics*. 2010; 157:407-13, 413 e1.
2. Anderson JB, Kalkwarf HJ, Kehl JE, Eghtesady P, Marino BS. **Low weight-for-age z-score and infection risk after the Fontan procedure**. *The Annals of thoracic surgery*. 2011; 91:1460-6.
3. Duffy JY, Petrucci O, Baker RS, Lam CT, Reed CA, Everman DJ, Eghtesady P. **Myocardial function after fetal cardiac bypass in an ovine model**. *The Journal of thoracic and cardiovascular surgery*. 2011;

141:961-8, 968 e1.

4. Eghtesady P, Brar A, Hall M. **Seasonality of hypoplastic left heart syndrome in the United States: a 10-year time-series analysis.** *The Journal of thoracic and cardiovascular surgery.* 2011; 141:432-8.
5. Eghtesady P, Michelfelder EC, Knilians TK, Witte DP, Manning PB, Crombleholme TM. **Fetal surgical management of congenital heart block in a hydroptic fetus: lessons learned from a clinical experience.** *The Journal of thoracic and cardiovascular surgery.* 2011; 141:835-7.
6. Manning PB, Rutter MJ, Lisek A, Gupta R, Marino BS. **One slide fits all: the versatility of slide tracheoplasty with cardiopulmonary bypass support for airway reconstruction in children.** *The Journal of thoracic and cardiovascular surgery.* 2011; 141:155-61.
7. Petrucci O, Baker RS, Lam CT, Reed CA, Duffy JY, Eghtesady P. **Fetal right ventricular myocardial function is better preserved by fibrillatory arrest during fetal cardiac bypass.** *The Annals of thoracic surgery.* 2010; 90:1324-31.
8. Shuhaiber J, Hirsch R. **Pulmonary rehabilitation following unifocalization: the role of hybrid approach.** *Pediatric cardiology.* 2011; 32:667-9.
9. Shuhaiber J, Rehman M, Jenkins K, Fynn-Thompson F, Bacha E. **The role of surgical therapy for pulmonary vein atresia in childhood.** *Pediatric cardiology.* 2011; 32:639-45.
10. Shuhaiber J, Thiagarajan RR, Laussen PC, Fynn-Thompson F, Del Nido P, Pigula F. **Survival of children requiring repeat extracorporeal membrane oxygenation after congenital heart surgery.** *The Annals of thoracic surgery.* 2011; 91:1949-55.
11. Shuhaiber JH, Bergersen L, Pigula F, Emani S, McElhinney D, Marshall A, Fynn-Thompson F, Bacha EA. **Intraoperative assessment after pediatric cardiac surgical repair: initial experience with C-arm angiography.** *The Journal of thoracic and cardiovascular surgery.* 2010; 140:e1-3.

## Grants, Contracts, and Industry Agreements

Grant and Contract Awards

Annual Direct / Project Period Direct

<b>COLE, C</b>			
<b>Myocardial Protection during Fetal Bypass: Role of Calcium Cycling</b>			
National Institutes of Health			
F32 HL 103054	07/01/10-06/30/12		\$54,254
<b>EGHTESADY, P</b>			
<b>Hypoplastic Left Heart Syndrome: Expression of RHD in the Fetus?</b>			
National Institutes of Health			
R01 HL 098634	01/15/10-12/31/14		\$269,164
		<b>Current Year Direct</b>	<b>\$323,418</b>
		<b>Total</b>	<b>\$323,418</b>