



Good morning.

Welcome to the quarterly Pediatric Surgery Clinical Research Update. As a Division, we have had another productive Quarter. We have published over 7 manuscripts and presented 9 abstracts in the past 3 months. Supported by our Senior Faculty, our Research Fellows were the primary author for 2 manuscripts. Below please find our most recent accomplishments of which we must all be proud.

Papers in Press

[Betalli P, Falchetti D, Giuliani S, Pane A, Dall-Oglio L, de'Angelis GL, Caldore M, Rmoano C, Gamba P, Baldo V, Caustic Ingestion Italian Study Group.](#) Caustic ingestion in children: is endoscopy always indicated? The results of an Italian multicenter observational study. *Gastrointest Endosc* 2008;68:434-9.

[Carraro G, Perin L, Dedrakyan S, Giuliani S, Tiozzo C, Lee J, Turcatel G, De Langhe SP, Driscoll B, Bellusci S, Minoo P, Atala A, De Filippo, RE, Warburton D.](#) Human amniotic fluid stem cells can integrate and differentiate into epithelial lung lineages. *Stem Cells* 2008;26:2902-2911.

[Estrada JJ, Petrosyan M, Hunter CJ, Lee SL, Anselmo DM, Grikscheit TC, Stein JE, Wang KS, Ford HR, Shaul DB.](#) Preservation of extra-corporeal tissue in closing gastroschisis augments intestinal length. *J Ped Surg.* 2008 Dec;43(12):2213-5.

[Frank DG, Kaldas F, Anselmo D, Katori M, Shen XD, Lassman C, Kaldas M, Clozel M, Busuttill RW, Kupiec-Weglinks J.](#) Tezosentan, a novel endothelin receptor antagonist, markedly reduces rat hepatic ischemia and reperfusion injury in three different models. *Liver Transpl.* 2008 Dec;14(12):1737-44.

[Friedlich P, Gonzalez J, Nield T, Keshava H, Stein J, Seri I, Gilsanz V.](#) Increased carotid artery intima-media thickness following venoarterial extracorporeal membrane oxygenation in the neonatal period. *J Perinatol* 2008 Dec;28(12):811-14.

[Giuliani S, Gamba PG, Chokshi NK, Gasparella P, Murer L, Zanon GF.](#) The effect of donor/recipient body surface area ratio on outcomes in pediatric kidney transplantation. *Pediatr Transplant* 2008 Nov.

Guner YS, Friedlich P, Wee CP, Dorey F, Camerini V, Upperman JS. State-based analysis necrotizing enterocolitis outcomes. *J Surg Res* (in press).

Meeting Highlights (abstracts)

[American Academy of Pediatrics, October 2008, Boston, MA](#)

Shaul DB. Introduction to Coding, Billing, Charging and Collecting.

[American Association for the Study of Liver Diseases, October 2008, San Francisco, CA](#)

Berg T, Utley S, Wang K. Role of FGF10 in cell fate determinations of hepatic progenitor cells.

[American College of Surgeons, October 2008, San Francisco, CA](#)

Chokshi N, Guner Y, Hunter C, Petrosyan M, Grishin A, Upperman JS, Ford HR. The role of IL-1 in experimental Necrotizing Enterocolitis.

Guner Y, Lugo B, Chokshi N, Petrosyan M, Hunter C, Vodovotz Y, Ford HR, Upperman JS. Upregulation of IL-1 and Caspase-1 in experimental Necrotizing Enterocolitis (NEC).



Hunter C, Williams M, Petrosyan M, Guner Y, Chokshi N, Upperman JS, Prasadarao N, Ford HR. Lactobacillus species abrogates pathogen induced experimental Necrotizing Enterocolitis (NEC) by attenuating inducible nitric oxide synthase (iNOS) production.

Petrosyan M, Guner Y, Hunter C, Chokshi N, Williams M, Upperman JS, Grishin A, Ford HR. Prostaglandin E-2 increases intestinal epithelial permeability in vitro.

Petrosyan M, Chokshi N, Guner Y, Hunter CJ, Upperman JS, Grishin A, Ford HR. PGE-2 Stimulates proliferation of IEC-6 cells via E-series prostaglandin (EP) receptor-1.

[IPOKRates Conference, December 2008, Cairo, Egypt](#)

Upperman, JS. Necrotizing Enterocolitis – What’s New?

Upperman, JS. The Surgical Neonate: Special Nutritional Requirements

Upcoming Deadlines

January 15, 2009 – [SBAS](#)

January 20, 2009 – [PAPS](#)

January 30, 2009 – [ESPNIC](#)

January 31, 2009 – [Shock Society](#)

February 2, 2009 - [BAPS](#)

February 5, 2009 – New RO1 Submission (Cycle I)

February 12, 2009 – New K Series Submission (Cycle I)

February 16, 2009 – New RO3 Submission (Cycle I)

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