

Juan M. Acosta, M.D

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Current Practice **Attending Pediatric Surgeon**
Pediatric Surgeons of Phoenix

Education

1989 to 1993 University of California Irvine, B.S. in Biological Sciences
1993 to 1997 University of California Davis School of Medicine
1997 to 1999 General Surgery Residency at MLK/Drew Medical Center
1999 to 2001 Children's Hospital Los Angeles, Department of Pediatric Surgery Research Fellowship
2001 to 2004 General Surgery Residency at MLK/Drew Medical Center
2004 to 2006 Pediatric Surgery Fellowship at Dallas Children's Hospital

Awards

1989 to 1990 John F. Kennedy Memorial Hospital Scholarship
1994 to 1995 Service Award Clinical Tepati Co-Director
1995 to 1996 Mackenzie Scholarship
1996 to 1997
1997 to 1998 Surgical Intern of the Year, MLK/Drew Medical Center
1998 to 1999 Surgical Resident of the Year, California Hospital
2001 to 2002 Surgical Resident of the year, California Hospital
2003 to 2004 Executive Chief Resident MLK/Drew Medical Hospital

Academic

Publications

Acosta JM, Meara J, Chai Y et al. Prenatal Exposure to Nitrofen Induces Fryns Phenotype in Mice. *Ann Plast Surg*; 46:635-640, 2001.

Acosta JM, Thebaud B, Castillo C et al. Novel Mechanisms of Murine Nitrofen-induced Pulmonary Hypoplasia: FGF 10 Rescue in Culture. *Am J Physiol Lung Cell Mol Physiol*; 281: L250-L257, 2001.

Anderson KD, **Acosta JM** Meyer M et al. Application of the Principles of Myotomy and Strictureplasty for Treatment of Esophageal Strictures. *J Pediatric Surg* 37:403-406, 2002.

Meehan J, Haney BM, Snyder CS, **Acosta JM** et al. Outcome Following Recannulation and a Second ECMO Course. *J Pediatric Surg* 37(6): 845-50, 2002.

Acosta JM, Tiao G, Stein JE et al. Temporary Relocation of Testes Prior to Radiation Therapy of the Pelvis or Perineum. *J Pediatric Surg* Aug; 37(8)L1232-3-2002

Huang EY, **Acosta JM**, Gardocki RJ et al. Thoracoscopic Anterior Spinal Release and Fusion: Evolution of a Faster Improved Approach. *J Pediatric Surg*. 2002 Dec; 37(12):1732-5.

Presentations

“The Regulation of the Cell Cycle.” Howard Hughes Research Symposium, University of California Irvine, 1992.

FGF-10 Increases Branching Morphogenesis in Nitrofen-induced Pulmonary Hypoplasia.” Childrens hospital Los Angeles Research Institute’s 5th Annual Poster-Presentation, 2000.

“Craniofacial Malformations Induced by Prenatal Exposure to Nitrofen Simulate Fryns Syndrome.” Childrens Hospital Los Angeles Research Institute’s 5th Annual Poster Presentation, 2000.

“Prenatal Exposure to Nitrofen Induces Fryns Phenotype in Mice.” Poster Presentation, American Cleft Palate- Craniofacial Association, Minneapolis, MN. April 2001.

“Novel Mechanisms of Murine Nitrofen-Induced Pulmonary Hypoplasia: FGF 10 Rescue in Culture.” American Thoracic Society, Poster Presentation, San Francisco, CA. May 2001.

“Application of the Principles of Myotomy and Strictureplasty for Treatment of Esophageal Strictures.” American Pediatric Surgical Association Annual Meeting, Oral Presentation, Naples, Fl May 2001.

“Prenatal Exposure to Nitrofen-Induces Fryns Phenotype in Mice.” Poster Presentation, Martin Luther King/Drew Medical Center Research Symposium, Los Angeles, CA. May 4, 2001

“Novel Mechanisms of Murine Nitrofen-induced Pulmonary Hypoplasia: FGF 10 Rescue in Culture.” First Prize, Oral Presentation, Martin Luther King/Drew Medical Center Research Symposium, Los Angeles, CA. May 4, 2001.

“Application of the Principles of Myotomy and Strictureplasty for Treatment of Esophageal Strictures.” Poster Presentation, Martin Luther King/Drew Medical Center Research Symposium, Los Angeles, CA. May 4, 2001.

“Thoracic Anterior Spinal Release and Fusion: A safe, effective improvement to the correction of pediatric spinal deformities.” Oral Presentation, American Academy of Pediatrics Annual Meeting, San Francisco, October 20, 2001.

“Embolization of a Large Hepatic AVM on ECMO: Retractory Pulmonary Hypertension and Oxygenator Failure.” Oral Presentation, CNMC ECMO Meeting, Keystone, Colorado, Feb 25, 2002.

“Thoracoscopic Anterior Spinal Release and Fusion: Evolution of a Faster Improved Approach.” Oral Presentation, 35th Annual PAPS Meeting, La Jolla, CA, May 14, 2002.

Certifications

October, 2006

Board Certified: American College of Surgeons
ATLS (12/13/2009)

Abstracts

Island ER, Tiao G, **Acosta JM** et al. Respiratory Failure as a Predictor of Survival in Patients with Necrotizing Enterocolitis. 2000 (Abstract)

Acosta JM, Bugsch S, Tinius Jet al. Embolization of a Large Hepatic AVM on ECMO: Refractory Pulmonary Hypertension and Oxygenator Failure. 2002 (Abstract)

Flores-DelgadoG, Ruiz M, Acosta JM et al, Non genomic Estrogen Action in Lung Myofibroblasts Stimulates ERK1/2 Map Kinase and IGFR Phosphorylation. 2002 (Abstract)

**Organizations/
Community Service**

Chicanos for Creative Medicine, UC Irvine, 1992-93

Flying Samaritans at UC Irvine, 1992-93, Volunteer.

American Medical Association, Member 1994-Present

Chicano/Latino Medical Student Association at UC Davis 1993-97

Clinical Tepati Free Medical Clinic, Sacramento, CA 1993-97. Clinical Volunteer.

Clinica Tepati Free Medical Clinic, Sacramento, CA, 1994-95. Co-Director

Interamerican College of Physicians and Surgeons, Member 1994-2004

American Trauma Society, Member 1997-2002

American Thoracic Society, Member 2000-2004

American College of Surgeons, Resident Member 2002-2004

Research

University of California Irvine, Department of Developmental Biology, Howard Hughes Research Program, Principal Investigator L. Dennis Smith PhD, 1990-93.

Children Hospital Los Angeles, Division of Pediatric Surgery, Department of Molecular and Developmental Biology, Principal Investigators, Kathryn D. Anderson M.D. and David Warburton M.D., Research Fellowship 1999-2001