

CURRICULUM VITAE

André Hebra, M.D.

Name: André Hebra
Date of birth: March 26, 1959
Place of birth: São Paulo, Brazil
Social Security #: 391-90-5828
Citizenship: United States of America
Office Address: Chief Medical Officer
Nemours Children's Hospital
13535 Nemours Parkway
Orlando, Fl 32827
(407) 650-7128
Andre.Hebra@Nemours.org

CURRENT POSITION:

Chief Medical Officer and Physician in Chief, Nemours Children's Hospital, Orlando, Florida

EDUCATION & MEDICAL SCHOOL:

M.D. - Medical University of South Carolina, College of Medicine, Charleston, S.C., 1987

Undergraduate education: pre-med and medical degree (Doctor of Medicine), FUABC University, São Paulo, Brazil

RESIDENCY and FELLOWSHIP:

Residency: 07/1987-06/1992

Medical University
of South Carolina,
Charleston, SC
(General Surgery)

Research: 07/1992-06/1993 The Children's Hospital of Philadelphia, Philadelphia, PA (Research Fellowship)

Fellowship: 07/1993-06/1995 The Children's Hospital of Philadelphia, Philadelphia, PA (Pediatric Surgery)

LEADERSHIP TRAINING:

11/2011: Leadership development for physicians in academic health centers.

Harvard School of Public Health, Boston, MA

08/2016: C.M.O. Academy

Physician Leadership Institute, Chicago, IL

AWARDS and HONORS:

Honorary Medical Student Guest of the American College of Surgeons to attend the 72nd Annual Clinical Congress, New Orleans, Louisiana, 1986

Meritorious Civilian Service Medal, Awarded by the United States Department of the Navy, for service rendered during Hurricane Hugo, Charleston, SC, 1989

Award for excellence in training and concern for student welfare, from the students of the College of Medicine, Medical University of South Carolina, 1988, 1989, 1990

Alpha Omega Alpha, Medical University of South Carolina, 1989

Golden Apple Award, Medical University of S.C. and the American Medical Student Association, College of Medicine, 1992

First Prize Award for original research on *Intestinal Ischemia-Reperfusion Injury*, S.C. Chapter of the American College of Surgeons, Myrtle Beach, SC, 1992.

Gold Medal Award for original resident research entitled *Systemic and Mesenteric Vascular Effects of PAF and Cocaine*, Southeastern Surgical Congress, Atlanta, GA, 1992

Medical Excellence Award from the Southern Medical Association for clinical work on *Laparoscopic pull-through for Hirschsprung's disease*, 1997

Heath Science Foundation Teaching Excellence Award from Medical University of SC, 1999.

The National Registry of Who's Who Life Member Award from the National Registry of Who's who, 1999.

Certificate of Appreciation "Freddie Gets Fired Up Education Program", State Fire Marshal and Clemson University,

fire prevention program - 2000.

Heath Science Foundation Teaching Excellence Award from medical students, Medical University of SC, 2001.

Medical Explorer Award; All Children's Hospital, 2002

Best Scientific Paper – Pediatric Surgery – Society of Laparoendoscopic Surgeons, 2007

Physician of the Month – MUSC service excellence program – 2010

Top Doctor Award – Health Tap web site – 2013

Top rank: Out-patient satisfaction survey scores 2013-15 – Division of Pediatric Surgery

Best Doctors in America – Listing 2003 – 2016

Teacher of the month award – MUSC College of Medicine students: 2011, 2012, 2013, 2014, 2015, 2016

Castle Connolly Top Doctor – Listing 2014 - 2016

MUSC Clinical Year Faculty Excellence Award – MUSC College of Medicine: 2016

EXTRAMURAL & INTRAMURAL GRANTS/AWARDS:

Principal Investigator: Intracellular cytokine expression by inflammatory cells

Source: Aluminum Cans for Burned Children (ACBC), 1996-2000

Amount of Grant: \$190,000

Co-Investigator: Vascular endothelial growth factor stimulates angiogenesis in neonatal gut

Source: Institutional Grant (MUSC), 1997-1999

Amount of Grant: \$20,000

Co-Investigator: Transcyte (human fibroblast derived) tissue replacement therapy for pediatric burns.

Source: Smith & Nephew Inc., Advanced Tissue Sciences Inc., 1999 - 2002

Amount of Grant: \$86,000

Co-Investigator: Multicenter study comparing the clinical outcomes of the Nuss and Ravitch procedures for the repair of pediatric Pectus Excavatum. (All Children's Hospital IRB#03-650). 2002-2011

Source: Children's Hospital of the King's Daughters, Norfolk, VA (Study Director: Robert E Kelly, Jr., M.D.)

Amount of Grant: \$1,000,000

Co-Investigator: An open label study to evaluate the pharmacokinetics and safety of ALO-02 (Oxycodone Hydrochloride and Naltresone Hydrochloride) extended release capsules in children and adolescents 7-17 years of age who require opioid analgesia. 2016 (PI: Dr. Aaron Leshner)

Source: Pfizer Corporation & Medical University of South Carolina

BOARD CERTIFICATION:

1988 National Board of Medical Examiners

1993 American Board of Surgery, Board Certified in **General Surgery**

1996 American Board of Surgery, Board Certified in **Pediatric Surgery**

1997 American Board of Surgery, Board Certified in **Surgical Critical Care**

LICENSURE:

1988 South Carolina medical license #13964 (active)

1990 Pennsylvania medical license #MD048320-L (inactive)

2001 Florida medical license # ME83890 (active)

ACADEMIC APPOINTMENTS PREVIOUSLY HELD:

<i>Years</i>	<i>Rank</i>	<i>Institution/Department</i>
07/1994-06/1995	Clinical Instructor	Dept. of Surgery, Children's Hospital of Philadelphia, Univ. of Penn
07/1995-06/1999	Assistant Professor	Dept. of Surgery & Pediatrics, Medical University of South Carolina
07/1999-12/2001	Associate Professor	Dept. of Surgery & Pediatrics, Medical University of South Carolina
01/2002-07/2007	Associate Professor	Dept. of Surgery, University of South Florida
06/2003-07/2007	Chief of Surgery	Dept. of Surgery, All Children's Hospital, FL
08/2007 – 08/2016	Professor with tenure;	Dept. of Surgery & Pediatrics, Medical University of South Carolina
		H. Biemann Othersen endowed chair in Pediatric Surgery
		Surgeon-in-Chief, MUSC Children's Hospital

PRESENT ACADEMIC POSITION:

11/2016 – present

University of Central Florida College of Medicine
Professor of Surgery, Department of Surgery (pending)

AREA OF CLINICAL SPECIALIZATION:

Pediatric Surgery, General Surgery & Pediatric Surgical Critical Care
Minimally Invasive and Robotic Pediatric Surgery
Congenital Chest Wall Malformations
Hospital Administration & Practice Management; Patient Quality & Safety

MEMBERSHIP IN PROFESSIONAL/SCIENTIFIC SOCIETIES:

National Societies:

1983-1987 Brazilian Medical Association
1985-1987 American Medical Student Association
1987-2002 American Medical Association
1990-present Alpha Omega Alpha
1991-present Southern Medical Association
1992-present Southeastern Surgical Congress
1995-present Society of Laparoendoscopic Surgeons
1996-present Children's Oncology Group
1996-present American Academy of Pediatrics
1997-2002 Association for Academic Surgeons
1999-present American College of Surgeons
1999-present American Pediatric Surgical Association
1999-present International Pediatric Endosurgery Group (IPEG)
2003-present Society of American Gastrointestinal Endoscopic Surgeons (SAGES)
2010-present Pediatric Surgery Special Interest Group (SIG) - Society of Laparoendoscopic Surgeons
2010-present British Association of Pediatric Surgeons
2011-present Southeastern Pediatric Surgical Association
2012-present Pediatric Trauma Society
2013-present Southern Surgical Association
2014-present Lilliputian Surgical Society

Local Societies:

1987-present Medical University of SC Alumni Association
1990-present South Carolina Medical Association
1994-1995 Pennsylvania Medical Association
1996-present Charleston County Medical Society
1996-present Carolina Pediatric Oncology Group
1998-present South Carolina Surgical Association
2002-2007 Florida Association of Pediatric Surgeons
2002-2007 Florida Medical Association
2002-2007 Hillsborough Pediatric Medical Association
2007-present SC Chapter, American College of Surgeons
2016-present Florida Medical Association

DEPARTMENT & HOSPITAL COMMITTEE INVOLVEMENT (active):

President's Council (Hospital)
Medical Executive Committee (Hospital)
Patient Quality and Safety (Hospital)
NCH Leadership (Hospital)
Department Chair Meeting (Hospital)

CLINICAL RESEARCH PROJECTS (IRB APPROVED):

IRB#03-0759: Characteristics of Pediatric Inpatient Trauma Cases – All Children's Hospital. Principal Investigator: A. Hebra

IRB#03-0650: Multicenter study comparing the clinical outcomes of the Nuss and Ravitch procedures for the repair of pediatric pectus excavatum – All Children's Hospital. Principal Investigator: R. Kelly; Co-investigator: A. Hebra

IRB#03-0763: Outcomes of children with ruptured appendicitis – All Children's Hospital. Principal Investigator: A. Hebra

IRB#17993: Outcome analysis of Laparoscopic splenectomy in sickle cell disease patients less than 4 years of age – MUSC. Principal investigator: A. Hebra & A. Leshner

IRB#17986: Management of omental torsion – MUSC. Principal investigator: A. Hebra & A. Leshner

IRB#17984: Review of patients with pectus excavatum & carinatum – MUSC. Principal investigator: A. Hebra

IRB#17981: Management of children with ruptured appendicitis – MUSC. Principal investigator: C. Streck; Co-investigator: A. Hebra

IRB#17978: Review of the occurrence of volvulus after Ladd's procedure for malrotation – MUSC. Principal investigator: A. Hebra & A. Leshner

IRB#18625: Outcome analysis of children treated for inguinal hernia with laparoscopic technique – MUSC. Principal investigator: C. Streck. Co-investigator: R. Cina, A. Leshner & A. Hebra

IRB#Pro15394: Management and Outcomes of Pectus Carinatum: an institutional review – MUSC. Principal investigator: A. Hebra

OTHER RESEARCH:

Grant reviewer for the FDA on Orphan Products Development submission related to treatment of Pectus Excavatum (competitive renewal grant submission). 2011. No financial support.

Grant reviewer for the FDA on Orphan Products Development submission related to Minimally Invasive Treatment of Scoliosis in Children. 2013. No financial support.

SERVICE ON EDITORIAL BOARDS:

Journal of Pediatric Surgery
World J Surgery
Journal American College of Surgeons
Journal of Minimally Invasive Surgery
J. Laparoendosc & Advanced Surgical Techniques
Surgical Innovation (SAGES publication)
Annals of Thoracic Surgery
Medscape & emedicine (web-based)
Pediatric On Call (e-pediatric journal)
Surgery Case Reports (web-based)

SERVICE ON NATIONAL COMMISSIONS, STUDY SECTIONS, Etc.:

Board member: Chest Wall International Group
Founding member of the multi-institution study group on Outcomes of Minimally Invasive Pectus Surgery
Surgeon Champion Representative – American College of Surgeons NSQIP Peds
Member, Surgeon-in-Chief committee – NCHRI (Children's Hospital Association)

COMMUNITY SERVICE ACTIVITIES:

Volunteer and fund raising activities for MUSC Children's Hospital Board through *Friends of Children's Hospital* Group (Leader: Jennifer Hebra) – more than \$120,000 Dollars raised over the last three years

PATIENT SATISFACTION SCORES: (2013 – 2015; specific to Dr. Hebra)

Avatar – Children's Hospital Procedure Area: 100%
Avatar – Same day Surgery: 100%
Press Ganey – Children's Hospital inpatient: 95%
Press Ganey – Children's Hospital Outpatient: 99%

MUSC ENTERPRISE MOREHEAD CLINICAL DIRECTOR - Employee Satisfaction Scores 2014-15 (for pediatric surgery leadership - Dr. Andre Hebra):

Organization Domain: 4.41
Manager Domain: 4.65
Employee Domain: 4.57
Engagement Indicator: 4.61
Commitment Indicator: 4.52
Average Score: 4.6 (Tier I - Above benchmark)

PROGRAM DEVELOPMENT:

1. Development of Pediatric Burn Research Program at MUSC, Charleston, SC (1995): Responsible for developing basic science research lab in Pediatric Surgery focused on burn related research. Program was successfully funded and supported by full time post-doc research fellow and surgery residents & medical students. Successful outcome measured by scientific presentations/publications and mentoring of residents & students. The resident trainees (3) succeeded in matching into fellowship training programs. All students (3) succeeded in admission to medical school or post-graduate programs.
2. Development of Minimally Invasive & Robotic Pediatric Surgery Program at All Children's Hospital, St. Petersburg, FL (2002): Responsible for developing and implementing a new business model to bring state-of-the-art minimally invasive surgery to West Florida based at All Children's Hospital. Introduction of innovative laparoscopic, thoracoscopic, and robotic techniques including program development, capital equipment purchasing, staffing re-structuring and training. The program increased new patient referrals by more than 100% in the first two years. Program growth encompassed expansion for multi-specialty use including cardiac surgery.
3. Development of Robotic Surgery Program at MUSC, Charleston, SC (2008): Responsible for developing and implementing a new business model to bring da Vinci robotic surgery to MUSC. Program development including capital purchases, staff training & credentialing, marketing, and service expansion to several surgical specialists including pediatric surgery, urology, gynecology, and general surgery. The resulting exponential growth over the years resulted in capital purchase of two new Robotic da Vinci systems in 2015.
4. Restructuring of the division of Pediatric Surgery at MUSC, Charleston, SC (2007): Responsible for developing & implementing a new vision for pediatric surgical services at MUSC. The new structure involved development of new contractual agreements, recruitment of new administrative staff, nurse practitioner, PA's, and surgeons. Responsibilities also included new leadership for children surgical services and pediatric operating rooms as Surgeon-in-Chief for the Children's Hospital. The pediatric surgical services successfully increased clinical & academic productivity and became actively engaged in surgical outcomes measurement & research (NSQIP-Peds). In addition, Dr. Hebra worked closely with Dr. Streck and the Trauma Team in making MUSC the first recognized Level I Pediatric and Burn Center for the state of South Carolina with validation by the American College of Surgeons (2012).
5. Development of Pectus Destination Program at MUSC, Charleston, SC (2008): Responsible for the creation and implementation of a center of excellence for the management of congenital chest wall malformations. Development of marketing and educational strategies. The program has resulted in exponential growth in new patient referrals, including new referrals from out-of-state for surgical care at MUSC Children's Hospital. Program has been recognized nationally and internationally for excellent outcomes.

INVITED LECTURES (last three years):

1. Complications and Outcomes of Pectus Surgery. Invited Lecturer, NUSS Conference. Norfolk, VA (May 2016)
2. Outcomes of Minimally Invasive Pectus Repair. Invited Lecturer, Chest Wall International Group Meeting. Norfolk, VA (May 2016)
3. Life Threatening Complications of Pectus Surgery. Invited Lecturer, ESTS. Naples, Italy (June 2016)
4. Congenital chest wall malformations. Plastic Surgery Grand Rounds. MUSC Department of Surgery (May 2016).
5. Pectus Excavatum surgery and outcomes. Department of Surgery Grand Rounds. MUSC Department of Surgery (March 2016).
6. Pitfalls in Pectus Surgery. Invited lecture to the Chest Wall International Group meeting, Hong Kong - China (May 14, 2015).
7. Chile: American College of Surgeons – Chilean Chapter: Invited overseas guest speaker (June 9th -11th, 2014). Invited Lectures delivered: 1) Minimally invasive pectus surgery and outcomes; 2) History of Pectus Surgery; 3) Robotic Surgery – Do we really need it? 4) Management of ovarian lesions in children; 5) Laparoscopic repair of pediatric inguinal hernias; 6) Robotic Swenson pull-through procedure for Hirschsprung's disease.
8. European Association of Cardiothoracic Surgeons (EACTS): Nightmare in chest wall deformities and reconstructions. Invited Lecture – October 11, 2014. Milan, Italy.
9. Outcomes analysis of pectus excavatum surgery: the untold truth. Invited lecture to Chest Wall International Group meeting in Seoul, South Korea (July/2013)
10. Minimally invasive repair of pectus excavatum. Invited lecture to the International Chest Wall Group meeting on pectus treatment, Buenos Aires, Argentina (September/2013)
11. Management of Pediatric Burns – Invited speaker to Regional Pediatric Trauma Symposium in Charleston, SC

(February/2013)

12. Laparoscopic pediatric gastrostomy. Post Graduate Surgery Course, Charleston, SC (March/2012)
13. Keynote speaker: Pectus Excavatum surgery – history and outcomes. International Chest Wall Group meeting in Istanbul, Turkey (June/2013)
14. Keynote speaker: Safety issues with robotic surgery. Pediatric Surgery International South America Course: Clinica de las Condes, Santiago, Chile (May/2013)
15. Hirschsprung's disease – current management strategies. Pediatric Surgery International South America Course: Clinica de las Condes, Santiago, Chile (May/2013)
16. Surgery as a career choice. Annual Surgical Education Conference by WISE Group. Charleston, SC (August 2012)
17. Congenital chest wall malformations. MUSC Department of Pediatrics Grand Rounds (October 2012)
18. Surgery for treatment of pectus excavatum. MUSC Department of Surgery Grand Rounds (December 2012)

SCIENTIFIC ABSTRACT PRESENTATIONS (last three years):

1. Laparoscopic needle assisted repair (LNAR) of inguinal hernia in children. McClain L, Leshner AP, Cina RA, Streck CJ, Hebra A. Regional meeting – American College of Surgeons, January 2014. (senior mentor)
2. Cardiac complication of VP shunt in a child. Franklin A, Hebra A. Southeastern Surgical Congress, February 2014. (Senior mentor)
3. Technique of laparoscopic needle assisted repair (LNAR) of inguinal hernia in children. McClain L, Cina RA, Streck CJ, Hebra A. SAGES meeting – March 2014. (Senior mentor)
4. Video presentation: Laparoscopic pediatric inguinal hernia repair using LNAR. McClain L, Cina RA, Streck CJ, Hebra A. Presented at the Annual Meeting of the American College of Surgeons – October 2014. (Senior mentor)
5. Life threatening complications of minimally invasive pectus repair. Hebra A. British Association of Pediatric Surgeons - BAPS (July 25th, 2014). Scotland: Oral presentation – Scientific papers (Presenter)
6. Laparoscopic treatment of splenic cysts. Jordan M, Leshner A, Hebra A. Society of Laparoendoscopic Surgeons (SLS) – September 2015. (Senior mentor)

BIBLIOGRAPHY

Journal Articles (Peer-reviewed):

1. Leite CC, Barbosa EA, Bonadia AN, **Hebra A**, Messias G, Mercurio S: Tube thoracostomy for spontaneous pneumothorax: Study of 73 cases. *Rev Paul Med*, 1985; 103(3): 135-8.
2. Nigro AT, **Hebra A**, Bonadia AN, Leite CC, Barbosa EA: Cancer of the extra hepatic biliary ducts. *Ann Paul Med Cir*, 1986; 113(102): 47-56.
3. **Hebra A**, Reed CE, Heldmann M, Black MJ: Myasthenia Gravis: A review with emphasis on the potential role of thymectomy. *J SC Med Assoc*, 1990; 86(7): 392-6.
4. **Hebra A**, Adams DB, Holley HP: Human immunodeficiency virus and the surgeon. *J SC Med Assoc*, 1990; 86(9): 479-483.
5. **Hebra A**, Powell DD, Smith CD, Othersen HB: Balloon tracheoplasty in children: Results of a 15-year experience. *J Pediatr Surg*, 1991; 26(8): 957-961
6. Brown MF, **Hebra A**, McGeehin K, Ross AJ, III: Effect of platelet activating factor upon small bowel ischemia/Reperfusion injury. *Surg Forum*, 1991; 42: 595-598.
7. Brown MF, **Hebra A**, McGeehin K, Ross AJ, III: The effect of platelet activating factor and cocaine on the small bowel: An evaluation of an isolated perfusion system. *J Pediatr Surg*, 1992; 27: 394.
8. **Hebra A**, Ross AJ, III: Abdominal wall defects: Omphalocele and gastroschisis. *Post Grad Gen Surg*, 1992; 4(1): 32-37.
9. **Hebra A**, Brown MF, McGeehin K, Broussard D, Ross AJ, III: The effects of ischemia and Reperfusion on intestinal motility. *J Pediatr Surg*, 1993; 28(3): 1362-1366.
10. **Hebra A**, Brown MF, Hirschl RB, McGeehin K, O' Neill JA, Norwood WI, Ross AJ, III: Mesenteric ischemia in hypoplastic left heart syndrome. *J Pediatr Surg*, 1993; 28: 606-611.
11. **Hebra A**, Brown MF, McGeehin K, O' Neill JA, Ross AJ, III: Systemic and mesenteric vascular effects of platelet activating factor and cocaine: In-vivo effects on a neonatal swine model. *Am J Surg*, 1993; 59(1): 50-54.
12. **Hebra A**, Brown MF, McGeehin K, Ross AJ, III: Mesenteric, omental and retroperitoneal cysts in children. *Southern Med J*, 1993; 86(2): 173-176.
13. Brown MF, **Hebra A**, McGeehin K, Ross AJ, III: Ovarian masses in children: Review of 91 cases. *J Pediatr Surg*, 1993; 28(7): 930-932.
14. **Hebra A**, Hoffman M: Gastroesophageal reflux in children. *Pediatr Clin North Am*, 1993; 40(6): 1233-1251.
15. **Hebra A**, Robison JG, Elliott BM: Traumatic aneurysm with associated fibrointimal hyperplasia of the common carotid artery following blunt trauma. *J Trauma*, 1993; 34: 297-299.
16. **Hebra A**, Hong J, McGowan KL, McKernan ML, Smith C, Chahine AA, Ruchelli E, Ross AJ, III: Bacterial translocation in mesenteric ischemia-Reperfusion injury: Pathophysiologic significance in an infant piglet model. *Surg Forum*, 1993; 44: 632-634.
17. **Hebra A**, Harmon CM, Stafford PW: Pediatric Trauma: Management of liver injuries. *Current Surg*, 1994; 51(1): 50-55.
18. **Hebra A**, Hong J, McGowan KL, Smith C, McKernan ML, Ross AJ, III: Bacterial translocation in mesenteric ischemia-Reperfusion injury: Is dysfunctional motility the link? *J Pediatr Surg*, 1994; 29(2): 280-287.

19. Taylor GE, **Hebra A**, McGowan KL, Yu M, Myers S, McKernan ML, Boardman C, Ross AJ III, O' Neill JA: Octreotide does not prevent bacterial translocation in an infant piglet model of intestinal ischemia-Reperfusion. *J Pediatr Surg*, 1995; 30(7); 967-970.
20. Ahmad S, Sylvester K, **Hebra A**, Davidoff AM, McClane S, Stafford PW, Schnauffer L: Esophageal replacement using the colon: Is it a good choice for children? *J Pediatr Surg*, 1996; 31 (8): 1026-1031.
21. Davidoff AM, **Hebra A**, Bunin N, Shochat SJ, Schnauffer L: Endodermal sinus tumor in children. *J Pediatr Surg*, 1996; 31 (8): 1075-1079.
22. Davidoff AM, **Hebra A**, Balmer D, Templeton J, Schnauffer L: Management of the gastrointestinal tract and nutrition in patients with cloacal exstrophy. *J Pediatr Surg*, 1996; 31 (6): 771-773.
23. Kim HB, Maller E, Redd D, **Hebra A**, Davidoff AM, Buzby M, Hoffman MA: Orthotopic liver transplant for fibrohistiocytic pseudo tumor of the liver hilum. *J Pediatr Surg*, 1996; 31 (6): 840-842.
24. Davidoff A, **Hebra A**, Clark BJ III, Tomaszewski J, Montone KT, Ruchelli E, Lau HT: EBV-associated hepatic smooth muscle neoplasm in a cardiac transplant recipient. *Transplantation* 1996; 61(3):515-517.
25. Davidoff A, **Hebra A**, Kerr JC, Stafford PW: Laparoscopic oophorectomy in children. *J Laparoendoscopic Surg*, 1996; 6 (S-1): S-115-S-117.
26. **Hebra A**, Davidoff A, Ahmad S, Stockmann P, Stafford PW: Intestinal perforation due to an ingested foreign body: Laparoscopic management. *J Laparoendoscopic Surg*, 1996; 6(S-1): S-95-S-97.
27. Davidoff A, **Hebra A**, Kerr JC, Stafford PW: Thoracoscopic management of empyema in children. *J Laparoendoscopic Surg*, 1996; 6(S-1): S-51-S-54.
28. Salzman N, Polin RA, Harris MC, Ruchelli E, **Hebra A**, Zirin-Butler S, Bevins C: Increased enteric defensin expression in necrotizing enterocolitis. *Pediatr Res*, 1996; 39(4):242A.
29. Das D, **Hebra A**, Bellah RD, Davidoff A, Schnauffer L: Alimentary tract duplications in children: Have we made any progress in managing this old anomaly? *S Med J*, 1996; 89: S128-S129.
30. Othersen HB Jr, Chwals W, Smith CD, Tagge EP, **Hebra A**: Credentialing of research surgeons: can computers help in the process? *J Invest Surg*, 1996 May-Jun; 9 (3): 159-60.
31. Desai DC, **Hebra A**, Davidoff AM, Schnauffer L: Wandering Spleen: A challenging diagnosis. *S Med J*, 1997; 90:439-443.
32. **Hebra A**, Davidoff AM, O' Neill JA Jr: Neonatal Sternal cleft associated with an extra thoracic cystic mass. *J Ped Surg*, 1997; 32(4):627-630.
32. Tagge EP, Tarnasky PR, Chandler J, Tagge DU, Smith C, **Hebra A**, Hawes RH, Cotton PB, Othersen HB, Jr., Multidisciplinary approach to the treatment of pediatric pancreaticobiliary disorders. *J Ped Surg*, Feb 1997; (32) 2, 158-165.
33. Hill JG, Yaakob W, **Hebra A**: Duodenojejunal intussusception secondary to hamartomatous polyps of the duodenum in a four year old boy. *Arch Dis Child*, 1997; 151, 943-945.
34. Harty MP, **Hebra A**, Ruchelli ED, Schnauffer L: Ciliated hepatic foregut cyst causing portal hypertension in an adolescent. *AJR*, 1998; 170:688-690.
35. Othersen HB, **Hebra A**, Tagge EP: Esophageal replacement for atresia without fistula. *Sem in Ped Surgery*, 1998, 7 (2), 134-136.
36. Tagge EP, **Hebra A**, Goldberg A, Chandler JC, Delatte S, Othersen HB, Jr.: Pediatric Laparoscopic Biliary Tract Surgery. *Sem Pediatr Surgery*, Nov 1998; 7 (4), 202-206.

37. **Hebra A**, Walker JD, Tagge EP, Johnson JT, Hardee E, Othersen HB: A new technique for laparoscopic splenectomy with massively enlarged spleens *Am Surg*, Dec 1998; (74), 1161-1164.
38. **Hebra A**, Tagge EP, Johnson JT, Hardee E, Othersen HB., Jr.: How I do it: A new technique for laparoscopic splenectomy in children with massive splenomegaly. *Pediatr Endosurg Innovative Techniques*, 1998; 2 (3) 129-134.
39. Mohamed AR, Jr, Hills JS, Ogawa M, **Hebra A**: Interleukin-11 upregulates cytokine expression *Surg Form* 1998; (49) 97-99.
40. Tarnasky PR, Tagge EP, **Hebra A**, Othersen HB Jr., Adams DB, Cunningham JT, Cotton PB, Hawes RH: Minimally invasive therapy for choledocholithiasis in children, *Gast Endo* 1998; 47 (2) 189-192.
41. Salzman NH, Polin RA, Harris MC, Eduardo RM **Hebra A**, Zirin-Butler S, Jawad A, Porter EM, Bevins, CL: Enteric Defensin Expression in Necrotizing Enterocolitis, *Ped Res* 1998; 44 (1) 20-26.
42. Delatte SJ, **Hebra A**, Tagge EP, Jackson S, Jacques K, Othersen HB., Jr., Acute Chest Syndrome in the Postoperative Sickle Cell Patient. *Jan* 1999; 34 (1) 188-192.
43. Tagge EP, **Hebra A**, Overdyk F, Burt N, Egbert M, Wilder A, Williams A, Roland P, Othersen HB Jr: One-Stop Surgery: Evolving Approach to Pediatric Outpatient Surgery, *J Ped Surg*, Jan 1999; 34 (1) 129-132.
44. Sindhi R, Rosendale J, Mundy D, Taranto S, Prabhaker B, Reuben A, Rajagopalan PR, **Hebra A**, Tagge EP, Othersen HB: Impact of Segmental Grafts on Pediatric Liver Transplantation: A Review of the United Network for Organ Sharing Scientific Registry Data (1990-1996), *J Ped Surg*, Jan 1999; 34 (1) 107-111.
45. **Hebra A**, Kramer R, Johnson JT, Wagner CL, Eicher DJ, Cook J: Detection of Intracellular Tumor Necrosis Factor α In Stimulated Fetal Cells, *J Surg Res*, 1999; (82) 300-304.
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47. Georgeson KE, Cohen RD, **Hebra A**, Jona JZ, Powell DM, Rothenberg SS, Tagge EP, Primary Laparoscopic-Assisted Endorectal Colon Pull-Through for Hirschsprung's Disease: A New Gold Standard, *Ann Surg*, May 1999; 229 (5): 678-683.
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49. Othersen HB Jr, Hassan HSA, Tagge EP, **Hebra A**., Change in the management of esophageal atresia. The little things that count. *Surg Childh Intern*, 1999; 7 (3): 138-142.
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51. Othersen HB Jr., **Hebra A**, Tagge EP: A New Method of Treatment for Complete Tracheal Rings in an Infant: Endoscopic Laser Division and Balloon Dilation, *J Ped Surg*, 2000: 35 (2) 262-264.
52. Park A, Heniford BT, **Hebra A**, Fitzgerald P: Pediatric Laparoscopic Splenectomy. *Surg Endoscopy* 2000: 14: 527-531.
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54. **Hebra A**, Strange P, Egbert JM, Ali M, Evans J, Othersen HB: Cytokine expression is catastrophic burn injury. *Surg Forum*, 2000; 51: 603-605.

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