



BIOGRAPHICAL SKETCH

NAME	POSITION TITLE
VAIN, NESTOR E.	CHAIRMAN, DEPARTMENT OF PEDIATRICS

EDUCATION/TRAINING <i>(Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)</i>			
INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	YEAR(s)	FIELD OF STUDY
University of Buenos Aires Medical School, Argentina	M.D.	1971	Medicine
American Board of Pediatrics	Board Certified	1979	Pediatrics
American Board of Pediatrics	Board Certified	1983	Neonatal-Perinatal Medicine

PROFESSIONAL EXPERIENCE:

- 1972-1975 Residence in Pediatrics, Hospital de Clinicas, University of Buenos Aires, Argentina
- 1975-1976 Fellow in Neonatology, Hospital Posadas, National Institute of Health, Buenos Aires, Argentina
- 1976-1978 Fellow in Neonatology, Loma Linda University, Loma Linda, California, USA
- 1978-1980 Assistant Professor of Pediatrics, Loma Linda University, Loma Linda, California, USA
- 1980-1985 Chief, Division of Newborn Medicine. Hospital Sanatorio Anchorena. Buenos Aires, Argentina
- 1985-1986 Visiting Associate Professor of Pediatrics, Penn State University, USA
- 1986-1991 Chief, Division of Newborn Medicine, Hospital Sanatorio Guemes, Buenos Aires, Argentina

- 1989- 2009 Associate Professor of Pediatrics, School of Medicine, University of Buenos Aires, Argentina
- 1992-present Chairman, Department of Pediatrics and Newborn Medicine, Hospital Sanatorio Trinidad, Buenos Aires, Argentina
- 2005- present Vice-president. FUNDASAMIN *Fundacion para la Salud Materno Infantil
- 2009-present Professor of Pediatrics, School of Medicine, University of Buenos Aires, Argentina

PARTICIPATION IN SCIENTIFIC SOCIETIES

- 1980- present: Member, Society of Pediatrics, Argentina
- 1981- present: Member, Latin American Society for Pediatric Research
- 2001-present: Member, Society for Pediatric Research, USA

OTHER ACTIVITIES PERTINENT TO PROFESSIONAL QUALIFICATION

- 1983-2005: Chairman, Neonatology Council of Professional Evaluation, Argentina Society of Pediatrics (Board of Pediatrics, Section Neonatology)
- 1989- present Director of Neonatology Training Programs. University of Buenos Aires.
- Scientific secretary of the II Argentinean Congress of Perinatology Society Argentina of Pediatrics - Society of Obstetrics and Gynecology of Buenos Aires, 1983
- President of 7th Argentinean Congress of Perinatology. Society Argentina of Pediatrics - Society of Obstetrics and Gynecology of Buenos Aires 2001
- Director, International Symposiums in Neonatology I, II, III, IV, V, VI and VII organized by Fundación Para la Salud Materno Infantil (FUNDASAMIN), 1997, 1999, 2002, 2005, 2008, 2011 and 2014

RESEARCH AWARDS:

- Premio Congreso Argentino de Pediatría: Effect of Early Versus Late Administration of Human Recombinant Erythropoietin on Transfusion Requirements in Premature Infants: Results of a Randomized, Placebo-Controlled, Multicenter Trial. Donato H , **Vain N**, Rendo P, Vivas N, Prudent L, Larguía M, Digregorio J, Vecchiarelli C, Valverde R, García C, Subotovsky P, Solana C, Gorenstein A, and for the Private Hospitals Neonatal Network .
- “Premio en Perinatología Fundación Miguel Marguiles” Accesit Universidad de Buenos Aires- 2002 Oropharyngeal and nasopharyngeal suctioning of meconium-stained neonates before delivery of their shoulders: a multicentre, randomised controlled trial. **Vain N**, Szyld EG, Prudent LM, Wiswell TE, Aguilar AM et al.

- Premio "Prof. Dr. José Tessler" al mejor trabajo de investigación 5tas Jornadas de Investigación Clínica del Hospital Italiano de Buenos Aires, año 2007.. La recomendación de usar chupete ¿modifica la lactancia materna? Ensayo clínico multicéntrico, aleatorizado, ciego. Jenik A, **Vain N**, Gorenstein A, et al.
- Premio 9° Congreso Argentino de Perinatología. Investigación Clínica en Perinatología. 2010. La recomendación de usar chupete ¿modifica la lactancia materna? Ensayo clínico multicéntrico, aleatorizado, ciego. Jenik A, **Vain N**, Gorenstein A, y colaboradores.
- Premio 1er Congreso Argentino de Neonatología. Mejor trabajo de Perinatología, LIGADURA DEMORADA DE CORDÓN UMBILICAL Y EFECTO DE LA GRAVEDAD EN EL VOLUMEN DE LA TRANSFUSIÓN PLACENTARIA: ESTUDIO DE DE DISTRIBUCIÓN ALEATORIA, CONTROLADO Y MULTICÉNTRICO. Satragno D, Vain NE, Gorenstein A y colaboradores. 2013.

SELECTED PEER REVIEWED PUBLICATIONS:

- **Vain NE**, Georgeson KE, Cha CC, Swarner OW. Central parenteral alimentation in newborn infants: a new technique for catheter placement. J Pediatr. 1978 Nov;93(5):864-6.
- **Vain N** and Bedros AA : Treatment of isoimmune thrombocytopenia of the newborn with transfusion of maternal platelets. Pediatrics. 1979, Jan;63(1):107-9.
- **Vain N.**, Swarner O , Cha C.C.: Neonatal Chylothorax, Journal of Pediatric Surgery, 1980, 15:261-270.
- **Vain N.**, Mazlumian J.R., Swarner O.W and Cha C.C., The role of exchange transfusion in the treatment of severe neonatal septicemia. Pediatrics. 1980, 66:693-701.
- Ashwal S., Majcher J., **Vain N.** and Longo L.,: Patterns of fetal lamb cerebral blood flow during and after prolonged hypoxia. Pediatric Research. 1980, 14:1104-111-.
- **Vain N.** y Lucey J.L.,: Monitoreo transcutáneo de oxígeno en cuidado intensivo neonatal. Archivos Argentinos de Pediatría. 1981, 79:286-294...
- Georgenson K. and **Vain N.**: A new technique for intubation of the left main bronchus . Journal of Pediatrics.1980,96:920/2.
- **Vain N.**, Cha C.C. Swarner O.: Severe neonatal asphyxia associated with pleural effusion. Acta Paediatrica Scandinava. 1980, 69:121-127.
- Toomey F., Hoag R., Batton D. and **Vain N.**: Ricketts associated with cholestasis and parenteral nutrition in premature infants. Radiology. 1982, 142:85-89.
- **Vain N.**, De Luca M., Colombo E.: ¿ Podemos enfrentar la displasia broncopulmonar ?. Archivos Argentinos de Pediatría. 1985, 83:289-291.
- Lowenstein B., **Vain N.** Perrone S., Wright D., Boullon F., Favalaro R.: Successful pregnancy and vaginal delivery after heart transplantation . American Journal of Obstetrics and Gynecology. 1988, 158:589-592.
- **Vain N.**, Wright D. Lowenstein B. Perrone S., Favalaro R.: Nacimiento y evolución favorable al año de una niña cuya madre es portadora de un trasplante cardíaco. Archivos Argentinos de Pediatría 1988, 86:308-316.
- **Vain N.**, Prudent L.M. Stevens D.P. Weeter M.M. y Maisels M.J. : Regulation of oxygen concentration delivered to infants via nasal cannulas. American Journal Diseases of Children. 1989,143:1458-1460

- Valverde R., Digregorio J., González Vila A., y **Vain N** Evolución inmediata y expectativa de vida de 91 recién nacidos \leq 1500 gr.: Archivos Argentinos de pediatría. 1990,88: 57-66.
- Valverde R., **Vain N.**, "Consideraciones generales en el tratamiento perinatal de los embarazos múltiples": Archivos Argentinos de Pediatría 1994,2:92-97.
- Maisels M.J., **Vain N.**, Acquavita A., de Blanco N., Cohen A., Digregorio J.: The effect of breast feeding frequency on serum bilirubin levels. American Journal Obstetrics and Gynecology 1994, 170:880-3.
- Donato H., Rendo P., Vivas N., Schwartzman , J., Digregorio J., **Vain N.**, : Recombinant Human Erythropoietin in the Treatment of anemia of prematurity: A randomized, Double –Blind, Placebo Controlled Trial Comparing three different doses. International Journal of Pediatric Hematology/Oncology , 1996, 3: 279-285
- Martínez G., García C., **Vain N.**: Uso de la Vitamina K en recién nacidos. Historia y cambios recientes.. Pediatría Práctica. Archivos Argentinos de Pediatría 1996, 94: 246-249
- Loyola S., Digregorio J., **Vain N.**, Eficacia de la fijación cefálica en el mantenimiento de la intubación endotraqueal en recién nacidos. Servicio de Neonatología Sanatorio Güemes: Archivos Argentinos de Pediatría 1998, 89:82-86.
- Coconier G., Valverde R, **Vain E**, Pico P.: "Hemorragia de fosa posterior en el recién nacido de término: una emergencia neuroquirúrgica". Archivos Argentinos de Pediatría. 1999, 97:4.
- Jenik A. Cernadas J., Gorenstein A., Ramirez J., **Vain N.**, Armadans M., Ferraris J.,: "A randomized, double-blind, placebo- controlled trial of the effects of prophylactic theophylline on renal function in term neonates with perinatal asphyxia" Pediatrics , 2000,105: 4- 45
- Donato H , **Vain N**, Rendo P, Vivas N, Prudent L, Larguía M, Digregorio J, Vecchiarelli C, Valverde R, García C, Subotovsky P, Solana C, Gorenstein A, and for the Private Hospitals Neonatal Network.: Effect of Early Versus Late Administration of Human Recombinant Erythropoietin on Transfusion Requirements in Premature Infants: Results of a Randomized, Placebo-Controlled, Multicenter Trial . Pediatrics 2000, 105: 1066-1072.
- Donato H, Rendo P, Prudent L, **Vain N**. Erythropoietin and preemies.. Pediatrics. 2002 Dec;110(6):1253-5;
- **Vain NE**, Szyld EG, Prudent LM, Wiswell TE, Aguilar AM, Vivas NI. Oropharyngeal and nasopharyngeal suctioning of meconium-stained neonates before delivery of their shoulders: multicentre, randomised controlled trial. Lancet. 2004 Aug 14-20;364(9434):597-602.
- **Vain N**, Prudent L, Szyld E, Wiswell T. A difficult ethics issue. Lancet. 2004 Nov 13-19;364(9447):1751
- **Vain NE**, Szyld EG, Prudent LM: Evidence based practice and the prevention and management of meconium aspiration syndrome. Eur J Pediatr. 2005, 164 :789
- **Vain N.E.**; Vázquez L.N. Prophylactic fluconazole in preterm neonates. New England Journal of Medicine. 2007 Sep 27;357(13):1348-9
- Donato H, Bacciedoni V, García C, Schwartzman G, **Vain N**. Recombinant Human Erythropoietin as treatment for hyporegenerative anemia following hemolytic disease of the newborn. Arch Argent Pediatr. 2009 Apr;107(2):119-25. Spanish
- Jenik A.G. **Vain N.E.**, Gorenstein A.N., Jacobi N.E.; for the Pacifier and Breastfeeding Trial Group. Does the Recommendation to use a Pacifier Influence the Prevalence of Breastfeeding? J Pediatr. 2009, Sep;155(3):350-4

- Jenik A, **Vain NE**. Pacifiers and Breastfeeding. Birth. 2009 Sep;36(3):267;
- **Vain NE**, Szyld EG, Prudent LM and Aguilar A. What (not) to do at and after delivery? Prevention and management of MAS. Early Human Development, 2009 Oct;85(10):621-6.
- Jenik A. y **Vain N.E**. The pacifier debate. Early Human Development. 2009 Oct;85(10 Suppl):S89-91.
- Aguilar AM, Satragno DS, **Vain NE**, Szyld EG, Prudent LM.. Delivery room practices in infants born through meconium stained amniotic fluid: a national survey. Archivos Argentinos de Pediatría. 2010 Feb;108(1):31-9.
- Decaro MH, **Vain NE**. Hyperglycaemia in preterm neonates: What to know, what to do. Early Human Development, 2011 Mar;87 Suppl 1:S19-22
- Aguilar AM, **Vain NE**. The suctioning in the delivery room debate. Early Human development, 2011 Mar;87 Suppl 1:S13-5.
- **Vain N**, Jenik A. Pacifier, breastfeeding and infant sudden death syndrome. Arch Argent Pediatr. 2011 Oct;109(5):471.
- Szyld EG, Aguilar AM, Musante GA, **Vain NE**, Guerrero MN, Serra ME, Prudent LM, Carlo WA. Newborn ventilation: comparison between a T-piece resuscitator and self-inflating bags in a neonatal preterm simulator. Arch Argent Pediatr. 2012 Apr;110(2):106-12.
- **Vain NE**, Barrington KJ. Feasibility of Evaluating Treatment of Early Hypotension in Extremely Low Birth Weight Infants J Pediatr. 2012. 161(1):4-7
- **Vain NE**, Fariña D, Vázquez LN. Neonatology in the emerging countries: the strategies and health-economics challenges related to prevention of neonatal and infant infections Early Hum Dev. 2012 May;88 Suppl 2:S53-9
- Schmidt B, Whyte RK, Asztalos EV, Moddemann D, Poets C, Rabi Y, Solimano A, Roberts RS; Canadian Oxygen Trial (COT) Group (**Vain NE**). Effects of targeting higher vs lower arterial oxygen saturations on death or disability in extremely preterm infants: a randomized clinical trial. JAMA. 2013 May 22;309(20):2111-20
- **Vain N**, García C. Safe" oxygen saturation levels in extremely preterm infants: have we found a definite answer? Arch Argent Pediatr. 2013 Oct;111(5):372-3
- **Vain NE**, Satragno DS, Gorenstein AN, Gordillo JE, Berazategui JP, Alda MG, Prudent LM. Effect of gravity on volume of placental transfusion: a multicentre, randomised, non-inferiority trial. Lancet. 2014 Jul 19;384(9939):235-40.
- Szyld E, Aguilar A, Musante GA, **Vain N**, Prudent L, Fabres J, Carlo WA; Delivery Room Ventilation Devices Trial Group. Comparison of Devices for Newborn Ventilation in the Delivery Room. J Pediatr. 2014 Aug;165(2):234-239.
- Luque MJ, Tapia JL, Villarroel L, Marshall G, Musante G, Carlo W, Kattan J; Neocosur Neonatal Network (**Vain NE**). A risk prediction model for severe intraventricular hemorrhage in very low birth weight infants and the effect of prophylactic indomethacin. J Perinatol. 2014 Jan;34(1):43-8.
- Schmidt B, Roberts RS, Whyte RK, Asztalos EV, Poets C, Rabi Y, Solimano A, Nelson H; Canadian Oxygen Trial Group (**VainNE**). Impact of study oximeter masking algorithm on titration of oxygen therapy in the canadian oxygen trial. J Pediatr. 2014 Oct;165(4):666-71
- Fernández R, D'Aprémont I, Domínguez A, Tapia JL; Red Neonatal Neocosur.(**Vain NE**) Survival and morbidity of very low birth weight infant in a South American neonatal network Arch Argent Pediatr. 2014 Oct;112(5):405-12

- **Vain NE**, Prudent LM, Satragno DS, Gordillo JE, Gorenstein AN. Delayed cord clamping - Authors' reply. Lancet. 2014 Nov 8;384(9955):1668-9.

BOOKS AND TEXTBOOK CHAPTERS:

- Prudent L., **Vain N.**, : Neonatal sepsis. Capitulo en el Libro. “ Current therapy in neonatal-perinatal medicine”. Nicholas Nleson. Editor , WB Saunders Publisher. 1985.
- Prudent L., **Vain N.**, : Neonatal sepsis. Capitulo en el Libro: “ Current therapy in neonatal-perinatal medicine”. Nicholas Nelson. Editor, WB Saunders Publisher, 1989.
- **Vain N.**, Valverde R.,: Asistencia respiratoria mecánica en recién nacidos, Capitulo en el Libro “ Neonatología práctica” Ceriani Cernadas J.M. y Col. Editorial Ergon. 2º edición .
- **Vain N**, Zapillón C.: Dolor en el feto y en el recién nacido. Capitulo en el Libro “ Neonatología practica”. Ceriani Cernadas J.M. y Col. Editorial Ergon . 2º Edición . 408-413.
- Vivas N, Zapillón C, **Vain N**: “Dolor en el Recién Nacido” Capitulo en el Libro “Neonatología Práctica” 3º edición- 1999- Ceriani Cernadas- Editorial Panamericana)
- Vázquez L. y **Vain N**. Infecciones Perinatales: Prevención, diagnóstico y tratamiento. Cap. del PRONAP, publicado por la Sociedad Argentina de Pediatría 1999
- **Vain N** “Cuidados del recién nacido” Capítulo en el libro Pediatría de Voyer, Ruvinsky y Cambiano, Editorial Journal, 2011

RESEARCH AND TRAINING SUPPORT:

- PI of the Argentinean Network for the study on Anemia of Prematurity. Supported by Biosidus, 1998-1999
- Foreign Senior Investigator, International Study Network on Prenatal Suction of Meconium Stained Infants. Supported by The Neonatal Resuscitation Program, American Academy of Pediatrics, 2002
- PI of the study: A Pivotal Phase 3 Study of MEDI-524 (Numax TM), an Enhanced Potency Humanized Respiratory Syncytial Virus (RSV) Monoclonal Antibody, for the Prophylaxis of Serious RSV Disease in High-Risk Children. Sponsor Medimmune Lab. May 2005
- PI for the 3 centers in Argentina for the COT Canadian Oxygen Trial “Efficacy and safety of targeting lower arterial oxygen saturations to reduce oxygen toxicity and oxidative stress in very preterm infants”, November 2006