***Curriculum vitae***

|  |  |
| --- | --- |
| **Date prepared:**  | **01/23/2024** |
| **Name:**  | Luc P. Brion, MD, FAAP, SB |
| **Office Address:** | Division of Neonatal-Perinatal MedicineUniversity of Texas Southwestern at Dallas 5323 Harry Hines Boulevard, Room F3.302BDallas, TX 75390-9063 |
| **Work Phone:**  | (214) 648-3903 |
| **Work E-Mail:**  | luc.brion@utsouthwestern.edu |
| **URLs:** | <https://orcid.org/0000-0002-6139-0132><https://profiles.utsouthwestern.edu/profile/85893/luc-brion.html><https://scholar.google.com/citations?view_op=search_authors&mauthors=brion+lp&hl=en&oi=ao><https://www.ncbi.nlm.nih.gov/myncbi/luc.brion.1/bibliography/public/>http://twitter.com/lucbrionhttps://www.researchgate.net/profile/Luc-Brionhttps://www.doximity.com/profiles/893f9f5e-d5c5-4047-b323-f9b83f2ad960/view |
| **Work Fax:** | (214) 648-2481 |
| **Place of Birth:** | Uccle, Belgium |

**Education**

|  |  |  |  |
| --- | --- | --- | --- |
| Year | Degree (Honors) | Field of Study | Institution |
| 1972 | *summa cum laude* | Medical Sciences Candidate | Université Libre de Bruxelles, Brussels, Belgium |
| 1976 | *summa cum laude* | MD | Université Libre de Bruxelles |
| 1981 | *summa cum laude* | Special Bachelor's Degree in Pediatrics | Université Libre de Bruxelles |

**Postdoctoral Training**

|  |  |  |  |
| --- | --- | --- | --- |
| Year(s) | Titles | Specialty/Discipline | Institution |
| 1976-79 | Intern & Resident | Pediatrics | Hôpital Universitaire Saint-Pierre, Brussels, Belgium |
| 1979-81 | Resident (1/2 time- during military duty) | Pediatrics | Institut Edith Cavell, Brussels, Belgium |
| 1981-82 | Clinical Fellow | Neonatology | Hospital for Sick Children, Toronto, Canada |
| 1982 | Fellow | Neonatology | Institut Edith Cavell |
| 1982-83 | Fellow | Neonatology | Cliniques Universitaires, Hôpital Erasme, Brussels, Belgium |
| 1983-85 | Fellow | Neonatal-Perinatal Medicine | Albert Einstein College of Medicine (AECOM), Montefiore Medical Center; Bronx, NY  |
| 1983 | Attendee | Fetal Growth  | Perinatal and Developmental Medicine Symposium, Fetal Growth, Marco Island, FL |
| 1985-86 | Resident | Pediatrics | AECOM, Montefiore Medical Center  |
| 1986-92 | Mentee | Developmental Nephrology | George J Schwartz, MD, Dept Peds, Div Pediatric Nephrol, AECOM |
| 1993-95 | Mentee | Nephrology and Molecular Biology | Victor L Schuster, MD, Dept Intermal Medicine, Div Nephrol, AECOM |
| 2008 | Participant | Research analysis using SPSS  | Alan C. Elliott, University of Texas Southwestern (UTSW) |
| 2009 | Participant | Certificate Program for Clinical Program Directors | Ilene Harris, PhD, University of Illinois at Chicago |
| 2013 | Certificate | Clinical Safety and Efficacy (CSE) Course | W. Gary Reed, MD, UTSW |
| 2016 | Participant | CTM 5307 Epidemiology for the Clinical Investigator | Robert W. Haley, MD, UTSW  |

**Current Licensure and Certification**

Licensure

Texas (active)

NY State (inactive)

Board and Other Certification

1981 Pediatrics, Ministry of Health, Belgium

1982 VQE

1983 TOEFL

1983 FLEX

1983 Medical Council of Canada Evaluating Examination

1984 ECFMG

1986 Pediatrics, Royal College of Physicians and Surgeons of Canada

1987 Pediatrics, American Board of Pediatrics

1987 Neonatal-Perinatal Medicine, American Board of Pediatrics (latest examination passed in 2017)

2004 NRP Instructor, Regional Trainer

2006 SPEX

2007 Texas Medical Jurisprudence Examination

2020 HSP (CITI) 21-Oct-2023, expiration 21-Oct-2026

2022 GCP (CITI) 17-Dec-2022, expiration 17-Dec-2025

2022 Privacy and Information Security, UTSW, March 2, 2022

2023 GCP for Clinical Investigations of Devices (CITI) 18-Mar-2023, expiration 18-Mar-2026

2023 Research - HIPAA 3-24-2023; no expiration

**Honors and Awards**

|  |  |  |
| --- | --- | --- |
| Year | Name of Honor/Award | Awarding Organization |
| 1970&71 | Prix Fleurice Mercier | Université Libre de Bruxelles |
| 1976-77 | Scholarship Award in Pediatrics | Université Libre de Bruxelles |
| 1998-99 | Listed in 3rd & 4th Eds, How to Find the Best Doctors: New York Metro Area | Castle Connolly Guide |
| 1998-02  | Listed in ‘The Best Doctors in New York,’ Neonatal-Perinatal Medicine, | New York Magazine |
| 2001-05 | Listed in Top Doctors: NY Metro Area | Castle Connolly Guide |
| 2001-03 | Listed | Strathmore’s Who’s Who |
| 2002-03  | Listed | America’s Registry of Outstanding Professionals |
| 2002-03 | Listed in “Guide to America’s Pediatricians” | Consumer’s Research Council of America |
| 2003-04; 2005-06; 2007-08; 2009-10; 2011-12; 2014; 2015-16; 2019-20 | Listed | Best Doctors in America |
| 2004&05 | Listed in Top Doctors | American Registry |
| 2004-6 | Listed in NY Metro Area Top Doctors | Castle Connolly Medical Ltd |
| 2006 | Recognition by program directors for special contribution | Albert Einstein College of Medicine |
| 2014 | Member | American Pediatric Society |
| 2018;2020;2021 | Nomination for Mentoring Award | UTSW |
| 05/2019 | Provider of the Month | Children’s Medical Center of Dallas, NICU |
| 08/2022 | Reviewer of the monthhttps://tp.amegroups.org/post/view/reviewer-of-the-month-2022#August | Translational Pediatrics |
| 09/2022 | Nomination for Institutional Service Award | UTSW |

**Faculty Academic Appointments**

|  |  |  |  |
| --- | --- | --- | --- |
| Year(s) | Academic Title | Department | Academic Institution |
| 1986-87 | Instructor | Pediatrics | Albert Einstein College of Medicine |
| 1987-92 | Assistant Professor | Pediatrics | Albert Einstein College of Medicine |
| 1992-98 | Associate Professor | Pediatrics | Albert Einstein College of Medicine |
| 1998-2006 | Professor | Pediatrics | Albert Einstein College of Medicine |
| 2006-April 10, 2023 | Professor | Pediatrics | University of Texas Southwestern Medical Center (UTSW) |
| April 11, 2023-current  | Professor Emeritus | Pediatrics | UTSW |

**Appointments at Hospitals/Affiliated Institutions**

|  |  |  |  |
| --- | --- | --- | --- |
| Year(s) | Position Title | Department/Division | Institution |
| 1986-2006 | Attending  | Pediatrics/Neonatology | Jack Weiler Hospital; Children’s Hospital at Montefiore, Bronx, NY |
| 1986-2005 | Attending  | Pediatrics/Neonatology | Jacobi Medical Center, North Central Bronx Hospital; North Bronx Health Network |
| 1989-95 | Consultant | Pediatrics/Neonatology | New Rochelle Hospital Medical Center, New Rochelle, NY |
| 1992-95 | Consultant | Pediatrics/Neonatology | St Johns Riverside Hospital, Yonkers, NY |
| 2007-2023 | Attending | Pediatrics/Neonatal-Perinatal Medicine | Children’s Medical Center of Dallas; Parkland Health & Hospital System; MCO & St Paul Hospital (2007-14); Clements Univ Hosp (2014-2023), Dallas, TX; Texas Health Resources (2016-2023) |

**Major Administrative/Leadership Positions**

|  |  |  |
| --- | --- | --- |
| Year(s) | Position Title | Institution |
| 1988-89 | Assistant Director of Newborn Services | Jacobi Medical Center |
| 1989-97 | Associate Director of Newborn Services | Jacobi Medical Center |
| 1997-06 | Fellowship Training Program Director, Neonatal-Perinatal Medicine | Albert Einstein College of Medicine |
| 2007-19 | Fellowship Training Program Director, Neonatal-Perinatal Medicine | UTSW |

**Committee Service (***Member, unless noted otherwise)*

|  |  |  |
| --- | --- | --- |
| Year(s) | Name of Committee | Institution/Organization |
| UTSW |
| 2007-present | Clinical Competency Committee | Fellowship in Neonatal-Perinatal Medicine, UTSW |
| 2008-present | Curriculum committee | Fellowship in Neonatal-Perinatal Medicine, UTSW |
| 2013-present | Milestones Committee | Fellowship in Neonatal-Perinatal Medicine, UTSW |
| 2011-16 | Morbidity and Mortality Peer Review Committee Meeting for quality improvement  | Division of Neonatal-Perinatal Medicine, Children’s Medical Center, Dallas |
| 2012-19 | GMEC Committee  | UTSW |
| 2012 | Internal Review of Training Program in Pediatric Emergency Medicine | UTSW |
| 2014 | Internal Review of Training Program in Advanced Heart Failure and Transplantation | UTSW |
| 2015-16 | House staff Health and Wellness Initiative | UTSW |
| 2016&17 | Senior Fellows Day, Abstract Review Committee, Department of Pediatrics | UTSW |
| 2016-17 | Resident Evaluation and Supervision GMEC Subcommittee | UTSW |
| 2019-present | Program evaluating committee, Fellowship in NPM | UTSW |
| 2019-present | Clinical competency evaluating committee, Fellowship in NPM | UTSW |
| 2022 | Pediatric Resident PGY2 Scholarly Proposal Review Committee | UTSW |
| National/International: Neonatal Research Network, NICHD |
| 2009-2023 | Site Alternate PI at UTSW | Pablo Sanchez, MD; Myra Wyckoff, MD |
| 2014-2019 | Human Subject Protection Committee | Michele Walsh, MD, Chair |

**Professional Societies**

|  |  |
| --- | --- |
| Dates | Society Name, role |
| 1987-current | American Academy of Pediatrics, member |
| 1992- current | Society for Pediatric Research, member |
| 1993-96 | Eastern Society for Pediatric Research (ESPR), Secretary |
| 1999- current | Cochrane Collaboration, Cochrane Neonatal Review Group, Member |
| 2000-04 | ESPR, Planning Committee |
| 2003-05 | Organization of Neonatal Training Program Directors (ONTPD), subcommittee on ACGME competencies |
| 2003-05 | ESPR, President |
| 5/14/2005 | Pediatric Academic Societies (PAS)/IPHA Topic Symposium: Chairs: Elaine Urbina, Luc P. Brion. Development of Hypertension in the Newborn: Translating Theory into Practical Application  |
| 2006 | ESPR, Nomination Committee |
| 2006- current | American Medical Association, member |
| 2007-11 | ONTPD, Member of the Council |
| 2010, 2013, 2014 | PAS: Annual Meeting: review and scoring of Neonatology Abstracts |
| 2014 | Association of Pediatric Program Directors/Committee on Pediatric Subspecialties: Participation in Entrustable Professional Activities (EPA) Research Project  |
| 2015, 2016 | PAS: Poster facilitator: Neonatology  |
| 2015-current | American Pediatric Society, member |

**Grant Review Activities**

|  |  |  |
| --- | --- | --- |
| Year(s) | Name of Review Committee | Organization |
| 1995 | Pediatric Interdivisional Research Review Committee | Dept Pediatrics, Montefiore Medical Center (MMC) |
| 1999 & 2000 | Pediatric Internal Grant Committee | Dept Pediatrics, MMC |
| 2004 | Physiology & Pharmacology Panel | Wellcome Trust, London, UK |
| 2018-2022 | Children’s Clinical Research Advisory Committee (CCRAC) | Children's Health, Dallas, TX |

**Editorial Activities**

|  |  |
| --- | --- |
| Year(s) | Journal Name |
| Editorial Board |
| 1993-present | Journal of Perinatology |
| Ad Hoc Reviewer |
| 2007-08 | Journal of Perinatal Medicine |
| 2007-present | Pediatric Nephrology |
| 2007 | Journal of Investigative Medicine |
| 2008-present | Pediatrics |
| 2008-present | Pediatric Infectious Diseases Journal |
| 2008-present | Early Human Development |
| 2008-present | BMC Pediatrics |
| 2008 | New England Journal of Medicine |
| 2009 | Neonatology |
| 2011-present | Archives of Diseases in Childhood |
| 2012-present | Journal of Pediatrics |
| 2012-present | NICHD NRN |
| 2016 | Journal of Pediatric Neuroradiology |
| 2017 | Cardiology in the Young |
| 2018-present | Pediatric Research |
| 2018 | PLOS One |
| 2019 | European Journal of Pediatrics |
| 2020 | Circulation |
| 2020 | Jornal de Pediatria (Brazilian Society of Pediatrics) |
| 2021 | BMC Pregnancy and Childbirth |
| 2021 | Pediatric Medicine |
| 2022 | Nutrients |
| 2022 | Translational Pediatrics |
| 2022 | Frontiers in Pediatrics |

**Grant Support**

|  |  |
| --- | --- |
| Past |  |
| 9/81-8/82 | *Grantor:* Tiercé Belge |
| *Title of Project:* Study on the assessment of neonates at risk for cerebral palsy |
| *Role: Co-Investigator; PI: H. Szliwowski, MD*  |
| 7/87-6/88 | *Grantor:* Department of Pediatrics Internal Grant, Montefiore Medical Center  |
| *Title of Project:* ‘Maturation of acid secretion in renal distal tubular cells in culture' |
| *Role: Principal Investigator* |
| Direct Costs: $10,000 |
| 7/88-6/91 | *Grantor:* American Heart Association, New York City Affiliate |
| *Title of Project:* Grant-in-Aid: 'Adaptative changes in renal H+ secretion' George J. Schwartz, PI |
| *Role: Co-Investigator* |
| 7/90-6/95 | *Grantor:* NIH (NIDDK) |
| *Title of Project:* Clinical Investigator Award: 'Regulation and development of renal acid-base transport' |
| *Role: Principal Investigator* |
| Direct costs $407,200 |
| 9/90-6/96 | *Grantor:* Albert Einstein College of Medicine |
| *Title of Project:* Biomedical Research Grants & Crisis Support Grant |
| *Role: Principal Investigator* |
| Direct costs $12-32,000/yr |
| 7/95-6/97 | *Grantor:* Department of Pediatrics, Montefiore Medical Center  |
| *Title of Project:* Interdivisional Research Award (IRA), ‘Role of somatotropin in growth retardation associated with chronic metabolic acidosis’ |
| *Role: Principal Investigator* |
| Direct cost: $10,707/yr |
| 7/95-6/97 | *Grantor:* Department of Pediatrics Internal Grant, Montefiore Medical Center  |
| *Title of Project:* “Molecular regulation of carbonic anhydrase IV isozymes’ |
| *Role:* Sponsor, Co-Investigator |
| Direct costs $20,000 |
|  1996-97 | *Grantor:* Pharmacia, Inc. |
| *Title of Project:* Hormonal mechanisms of growth failure in chronic acidosis |
| *Role: Co-Investigator:* Direct costs $14,000 |
| 4/96-4/98 | *Grantor:* Genentech Foundation for Growth and Development |
| *Title of Project:* ‘Hormonal mechanisms of growth failure in chronic acidosis’  |
| *Role: Principal Investigator* |
| Direct costs $37,273 & competitive renewal $27,273 |
| 1/97-12/99 | *Grantor:* American Heart Association |
| *Title of Project:* Grant-in-Aid: ‘Regulation of renal membrane-bound carbonic anhydrase in response to acidosis’ |
| *Role: Principal Investigator* |
| Direct costs $150,000 |
| 1997-99 | *Grantor:* Pharmacia, Inc |
| *Title of Project:* ‘Hormonal and cellular mechanisms of failure to thrive in acidotic mice’ |
| *Role: Co-Investigator* |
| *Direct costs $14,000* |
| 2002-06 | *Grantor:* Health and Medical Research Council (NHRMC), Australia |
|  | *Title of Project:* Nasal CPAP or Intubation For Very Preterm Infants At Birth. A Randomized Controlled Trial. The COIN trial |
|  | *Role:* One of 4 Chief Investigators, US representative and Center PI, Montefiore Medical Center |
|  | Direct costs (for the center): $4,000 |
| 2009-2016 | *Grantor:* NICHD Cooperative Multicenter Neonatal Research Network |
| *Title of Project:* NICHD Cooperative Multicenter Neonatal Research Network-5 U10 HD1 |
| *Role: Site Alternate PI, UTSW Dallas, 4/8/09-3/31/11, 5% effort; 4/1/11-3/31/16 (Site PI: Pablo Sanchez, MD)*  |
| *Annual amount: $200,000; First year* |
| *Total direct costs $1,000,000 over 5 years* |
| 2015-2017 | *Grantor:* Children’s Medical Center Foundation, Dallas, TX. Children’s Medical Center Clinical Advisory Committee (CCRAC) – Senior Investigator Research Award New Direction |
| *Title of Project:* ‘Optimizing Individual Nutrition in Preterm Very Low Birth Weight Infants’ |
| *Principal Investigator:* Total direct costs $100,000 |
| 2015-2019 | *Grantor:* Gerber Foundation, National Grant |
| *Title of Project:* ‘Individualizing and Optimizing Nutrition to Prevent Metabolic Syndrome and To Improve Neurodevelopment in Preterm and Small for Gestational Age Infants’ |
| *Role: Principal Investigator* |
| Total direct costs $318,180 |
| 2017-2019 | *Grantor:* NIH, NOT-TR-17-018 |
| *Title of Project:* Facilitation of IRB Review for Multi-Site Clinical Research  |
| *Role: Site PI, UTSW, Dallas;* PI: Nancy Bennet, Rochester University |
| Total direct costs first year: $40.083 |
| 2016-23 | *Grantor:* National Institute of Health, National Institute of Child Health and Human Development  |
| *Title of Project:* NICHD Cooperative Multicenter Neonatal Research Network-5 U10 HD16020 |
| *Role:* *Site Alternate PI*, UTSW, Dallas, 5% effort; Site PI: Myra Wyckoff, MD  |
| *Total amount and date (direct costs only):* Apr 2016-Mar 2023, $200,000/yr |
| 2023 | *Grantor:* National Institute of Health, National Institute of Child Health and Human Development  |
| *Title of Project:* NICHD Cooperative Multicenter Neonatal Research Network-5 U10 HD16020 |
| *Role:* *Site Alternate PI*, UTSW, Dallas, 5% effort; Site PI: Myra Wyckoff, MD Pending transfer to Vishal Kapadia, MD |

**Clinical Trials Activities**

|  |  |
| --- | --- |
| Present |  |
| 2016-present | *Grantor:* NICHD NRN  |
| *Title of Project:* RCT on budesonide/surfactant versus surfactant only (BIB Trial) |
| *Role:* Member of the sub-committee, site PI |
|
| 2023 | BPD definitions Delphi procedure: Eduardo Bancalari (Miami, USA); Rosemary Higgins (Fort Myers, USA); Tetsuya Isayama (Tokyo, JPN); Erik Jensen (Philadelphia, USA); Anton van Kaam (Amsterdam, NL); Trix Katz (Amsterdam, NL); Suzanne Mugie (Amsterdam, NL);Martin Offringa (Toronto, CAN); Wes Onland (Amsterdam, NL); Jane Pillow (Perth, AUS);Prakesh Shah (Toronto, CAN); Rodger Soll (Burlington, USA);Benjamin Stoecklin (Basel, CHE) *Role:* Participant  |

|  |  |
| --- | --- |
| Past |  |
| 1999-2002 | *Grantor:* Montefiore Medical Center, Bronx NY  |
| *Title of Project:* Effect of carnitine supplementation in very low birthweight infants |
| *Role:* Co-Investigator |
| 2002-06 | *Grantor:* Canadian Institute for Health Research (CIHR) |
| *Title of Project:* Multiple Courses of Antenatal Corticosteroids for Preterm Birth Study (MACS) |
| *Role:* Center Investigator: Paediatrics/Neonatal, Montefiore Medical Center |
| 2002-06 | *Grantor:* National Health and Medical Research Council (NHMRC), Australia |
| *Title of Project:* Nasal CPAP or intubation for very preterm infants at birth. A randomized controlled trial. The COIN trial |
| *Role:* Co-Investigator; North American Investigator /Collaborator/Coordinator |
| 2004 | *Grantor:* Forest Pharmaceuticals Inc |
| *Title of Project:* Pressure support ventilation with volume guarantee |
| *Role:* Co-Investigator: Statistical analysis |
| 2005-06 | *Grantor:* American Heart Association |
| *Title of Project:* National Registry of CardioPulmonary Resuscitation (NRCPR) |
| *Role:* Site *PI*, AECOM |
| 2010-12 | *Grantor:* NICHD Neonatal Research Network  |
| *Title of Project:* Single-Dose Vitamin E for Prevention of Intracranial Hemorrhage (EPOCH) |
| *Role:* Co-Investigator |
| 2011-14 | *Grantor:* Neonatal Research Network, NICHD  |
| *Title of Project:* Changes in Therapy and Outcomes Associated with The SUPPORT Trial |
| *Role:* Senior Investigator  |
| 2014-15 | *Grantor:* APPD Fellowship Executive Committee  |
| *Title of Project:* Entrustable Professional Activities (EPA) Research Project |
| *Role:* Site PI, UTSW, Fellowship in Neonatal-Perinatal Medicine |
| 2014-15 | *Grantor:* NICHD NRN  |
| *Title of Project:* INS-3: A Phase 3, Randomized, Double-Masked, Placebo-Controlled Study of the Efficacy and Safety of myo-Inositol 5% Injection to Increase Survival without Severe Retinopathy of Prematurity in Extremely Premature Infants (Reduce-ROP)  |
| *Role:* Site PI, UTSW  |
| 2016-20 | *Grantor:* NICHD NRN |
| *Title of Project:* Myoinositol cross-sectional study |
| *Role:* PI |
| 2016-2020 | *Grantor:* CCRAC (Children’s Health) & Gerber Foundation  |
| *Title of Project:* Optimizing Individual Nutrition in Preterm Very Low Birth Weight Infants: Randomized Clinical Trial. ClinicalTrials.gov: ID: NCT02372136 |
| *Role:* PI |
| 2020-21 | *Grantor:* Cochrane Collaboration, Cochrane Neonatal Review Group |
| *Title of Project:* Cuffed versus uncuffed endotracheal tubes for artificial ventilation |
| *Role:* PI |
| 2020-23 | *Grantor:* American Academy of Pediatrics, Section of Neonatal-Perinatal Medicine (SONPM);  |
| *Title of Project:* National Registry for Surveillance and Epidemiology of Perinatal COVID-19 Infections. PI: Mark Hudak |
| *Role:* Site PI |
| 2020-23 | *Grantor:* NICHD NRN |
| *Title of Project:* Moderately Preterm Infants With Caffeine at Home for Apnea (MoCHA) Trial  |
| *Role:* Member of the sub-committee, site co-I |

**Teaching Activities**

|  |
| --- |
| Medical and graduate school didactic and small group teaching |
| 1994-2000, 2003-04  | Renal Pathology & Pathophysiology: Case conferences with groups of 10-15 students, Albert Einstein College of Medicine |
| 2007-2013 | Medical Students Conference: Physiology of Perinatal Transition: groups of 3-5 students, UTSW  |
| 2019-2022 | Medical Students: NICU tour |
| Dissertation committees |
| 2006 | Clinical Research Training Program (CRTP) Study Section, Albert Einstein College of Medicine |
| Qualifying examination committees |
| 1989-93 | Question-Writer for the Sub-Board in Neonatal-Perinatal Medicine Certifying Examination, American Board of Pediatrics |
| Medical student rotations |
| 1986-2006 | Students rotating in neonatal intensive care unit, Albert Einstein College of Medicine |
| 2007-2022 | Students rotating in neonatal intensive care unit, UTSW |
| Postgraduate medical education (graduate & continuing medical education) |
| 1997-2002 | Fellowship Training Directors Committee, Montefiore Medical Center |
| 1998 | Organizing Committee for Research Course for Fellows, Department of Pediatrics, Montefiore Medical Center |
| 1998 | Resource Person, Reviewer Training Beginner’s Workshop, Developing a Protocol and Review using Revman, Canadian Cochrane Center, Hamilton, Ontario, Canada  |
| 1999 | Mini-Symposium on Perinatal/Neonatal Evidence-Based MedicineVisiting Professors: Jack Sinclair, MD, Hamilton, Ontario, Canada; Robert Goldenberg, MD, Birmingham, Alabama; Sponsored by a Visiting Professorship Grant, Greater New York March of Dimes, and by unrestricted grants Organizing Committee: Luc P. Brion, MD, Madhu Gudavalli, MD, Philip Roth, MD, Ph.D., Mitchell Maiman, MDOrganizing Institutions: Albert Einstein College of Medicine, Montefiore Medical Center, Children’s Hospital at Montefiore, Staten Island University Hospital, New York Methodist Hospital, and NY Perinatal Society |
| 2006  | Chair, Graduate Medical Education Internal Review, Internal Medicine: Pulmonary Disease & Critical Care Fellowship Training Program, Albert Einstein College of Medicine |
| 2007-2019 | Curriculum Committee, Fellowship Training in Neonatal-Perinatal Medicine, UTSW |
| 2007-2019 | Recruitment Committee, Fellowship Training in Neonatal-Perinatal Medicine, UTSW |
| 2007-2023 | Fellowship recruitment committee, Division of Neonatal-Perinatal Medicine |
| 2007-2019 | Leader of Series on Professionalism; Co-Leader of Series on Life after Fellowship |
| 2007-2023 | Lectures for Fellows: Evidence-Based Medicine, Decision Making series, Pathophysiology |
| 2018 | Flip classes for physiology series, Fellows in Neonatal-Perinatal Medicine |
| 2008-14 | Lectures and workshops for core curriculum for Fellows in Department of Pediatrics |
| 2009-2023 | Lectures for Residents in Pediatrics |
| 2010 | Graduate Medical Education SubCommittee: Internal Review of Training Programs in Radiation Oncology; Nephrology; and Pulmonary Disease, GMEC, UTSW |
| 2010-2019 | Program Directors Committee, Children’s Medical Center, Dallas |
| 2011-2017 | Program Director Advisory Committee, UTSW |
| 2011-2012 | Scholarship Oversight Committee, JB Cantey, fellow in Pediatric Infectious Diseases; currently Attending Neonatologist at University Health, San Antonio, TX |
| 2010-2017  | Resource to other Fellowship Training Program Directors in Department of Pediatrics: Pediatric Critical Care, Pediatric Nephrology, Pediatric Pathology, Pediatric Hospital Medicine |
| 2011-2019 | Clinical Competency Committee, Division of Neonatal-Perinatal Medicine |
| 2016-2017 | Organization of six-month supervised training in neonatal-perinatal medicine to regain ABP eligibility |
| 2015-18 | Scholarship Oversight Committee, Lara Pavageau, Fellow in Neonatal-Perinatal Medicine; currently neonatologist at Weill Cornell Medicine, NY, NY |
| 2015-18 | Scholarship Oversight Committee, Bandi Mahaffey, Fellow in Neonatal-Perinatal Medicine; currently Neonatologist at UK HealthCare. UK Health Care University of Oklahoma. |
| 2017 | Creation of 6-month training program for ABP eligibility for Chad Barber, who successfully passed the NPM examination |
| 2019-21 | Scholarship Oversight Committee, Lorraine Bautista, Fellow in Neonatal-Perinatal Medicine; Currently Assistant Professor at UTSW |
| 2020 | Reviewer, senior fellow abstracts for the research day, Department of Pediatrics, UTSW |
| Mentoring medical students |
| 2021 | Isabelle Kiefaber, MS1: Initiation of pumping; Neonatal hypophosphatemia |
| 2021 | Diksha Verma, MS3: Necrotizing enterocolitis; currently Resident in Anesthesiology at UTSW |
| 2022-23 | Vinay Kalvacherla, MS3: Case report of hyponatremia; currently Resident in Pediatrics at University of Utah Health |
| Mentoring postdoctoral trainees |
| 1981-84 | Gilles Rondia: Perinatal Diagnosis of renal malformations. Currently in pediatric practice, Brussels, Belgium |
| 1987-89 | Orna Rosen: Carbonic anhydrase in rabbit kidney; Carbonic anhydrase IV in mouse placenta. Currently Assistant Professor at Montefiore Medical Center, Albert Einstein College of Medicine, Bronx, NY |
| 1988-90 | Bellipady Rai: Bone & congenital syphilis. Currently in private practice as Neonatal Medicine Specialist in Newark, NJ. |
| 1988-90 | Madhu Goyal: MRI & seizures; Pulmonary function tests. Currently in private practice at South Plainfield NJ |
| 1989-92 | Angel Rios: MRI & seizures; Measurement of humidity in tubing. Currently Professor of Pediatrics at the University of Washington Medical Center / Seattle Children’s Hospital  |
| 1988-90 | Rakesh Chhabra: Serology of congenital syphilis. Currently in private practice as Neonatal Medicine Specialist at Hackensack, NJ. |
| 1990-93 | Miguel Suarez: HIV serology. Currently neonatologist at San German, PR |
| 1991-99 | Barbara Russell, DO: Breast feeding incidence. Currently Clinical Chief Neonatology, BronxCare Health System, Bronx, NY |
| 1992-95 | Olga Garcia: Erythropoietin levels. Currently in private practice at Baptist Health Baptist Hospital and Baptist Health South Miami Hospital, Florida |
| 1993-96 | Calixto Cazano: Size at birth in urban population. Currently in private practice at Wyckoff Heights Medical Center , Brooklyn, New York  |
| 1995-2000 | Orna Rosen: Carbonic anhydrase IV in mouse placenta, Currently Assistant Professor of Pediatrics at Montefiore Medical Center, Albert Einstein College of Medicine, Bronx, NY |
| 1995-98 | Onajovwe Fofah: Vancomycin levels. Currently Associate Professor of Pediatrics at University Hospital, Newark, NJ |
| 1996-98 | Karina Jandziszak: Growth hormone therapy for acidotic mice. Currently pediatric endocrinologist in Ada, Oklahoma, affiliated with Chickasaw Nation Medical Center |
| 1997-2000 | Abhay Singhal: EEG and imaging in seizing full-term neonates. Currently Medical Director of the Indiana University Health Arnett Hospital NICU, IN |
| 1997-2000 | Luis De La Fuente: Spectral analysis of temperature in servo-controlled neonates. Currently in private practice as neonatologist in Dunmore, Pennsylvania, affiliated with Moses Taylor Hospital, PA |
| 1999-2002 | Sumati Pande: Randomized carnitine supplementation in preterm infants. Currently Neonatal Medicine Specialist in Newark, NJ, affiliated with Newark Beth Israel Medical Center. |
| 2000-02 | Karim Aref: Basal ganglia hyperecho­genicity in preterm infants. Currently pediatrician, Ajax, Ontario, Canada |
| 2002-03 & 2013-15 | Suhas Nafday: Renal Disease (chapter). Currently Professor of Pediatrics at Montefiore Medical Center, Albert Einstein College of Medicine, Bronx, NY |
| 2002-05 | Lamia Soghier: Cysteine supplementation in preterm infants; Basal ganglia hyperechogenicity. Professor of Pediatrics, Currently Professor of Pediatrics at The George Washington University School of Medicine and Health Sciences  |
| 2002-04 | Jülide Sisman: Amplitude-integrated EEG in preterm infants. Currently Associate Professor of Pediatrics, UT Southwestern Medical Center, Dallas, TX |
| 2003-06 | Smart Uko: Fluconazole prophylaxis. Currently attending physician at CHOP Virtua Our Lady of Lourdes Hospital, Philadelphia, PA |
| 2006-07 | Viral Dave: Changes in Near Infrared Spectroscopy after Feeding in Preterm infants. Currently Assistant Professor of Pediatrics, Texas Children's, Houston TX. |
| 2009-13 | Jaclyn Levan: Delivery Room Practice Change Following the Initiation of the NICHD SUPPORT Trial; Change in Practice After The Surfactant, Positive Pressure, and Oxygenation Randomized Trial. Currently in private practice at Pediatrix Medical Group of Texas San Antonio |
| 2011-14 | Cheryl Motta: Association of Congenital Heart Disease with Mortality and Morbidity In Preterm Infants. Currently in private practice at Pediatrix Medical Group of Texas San Antonio |
| 2013-15 | Juliann Sheehan: Withdrawal of Care in Extremely Premature Infants: The Role of Severe Intraventricular Hemorrhage. Currently in private practice at Connecticut Children's Specialty Group, Danbury, CT |
| 2012-13 | Charitharth Vivek Lal: Hypomagnesemia secondary to cerebrospinal fluid loss. Currently Professor of Pediatrics at University of Alabama, Birmingham, AL |
| 2012-15 | Lindsay DeVries: Outcomes of tracheostomy for bronchopulmonary dysplasia with or without pulmonary hypertension. Currently in private practice at Pediatrix Medical Group of Texas San Antonio |
| 2012-21 | Heather Weydig: 1. Prophylactic Indomethacin and “Parkland Bundle:” An Observational Study for prevention of intraventricular and pulmonary hemorrhage in extremely low birth weight neonates
2. Index of Suspicion in the Nursery: Progressive lethargy in a four-day-old term infant.

Currently in clinical practice at OhioHealth, Columbus, Ohio |
| 2014 | Shawndip Sen: Index of Suspicion in the Nursery: Hyperbilirubinemia without jaundice in a neonate. Currently Assistant Professor of Pediatrics (Neonatology), Ann & Robert H Lurie Children's Hospital of Chicago, Northwestern University Feinberg School of Medicine, Chicago, IL |
| 2015-18 | Lara Pavageau, Jenna WhithamOptimizing Nutrition to Prevent Metabolic Syndrome and To Improve Neurodevelopment in Preterm and Small for Gestational Age Infants: Sub-study: Improving accuracy of length measurements in the NICU (QI project and research). Lara Pavageau: Currently neonatologist at Pediatrix, Dallas, TXJenna Whitham: Currently Pediatrician at Intermountain Health Care, Salt Lake City, Utah |
| 2017-19 | William Smithhart: with Myra Wyckoff: CPAP in DR for term infants and air leaks: PAS Travel Awards Program for Young Investigator’s, 2018. Currently in private practice at Newborn Associates, Jackson, Missouri |
| 2017 | John Ibrahim, Lara Pavageau: Sacrococcygeal teratoma. John Ibrahim: Currently Assistant Professor of Pediatrics at University of Pittsburgh, Pittsburgh, PA |
| 2018-21 | Jordan Reis: Reducing NEC; Initiation of milk pumping vs breastfeeding at discharge; Ventricle-to-brain Index vs neurodevelopmental outcomes; Follow-up or RCT on nutrition in Preterm Neonates: Neurodevelopmental Outcomes, growth, blood pressure, renal function, adipokines. Currently in private practice at Baylor Scott & White Dallas, TX. |
| 2019-21 | Edward Stocks: Reduction in Delivery Room (DR) Continuous Positive Airway Pressure (CPAP)-Associated Pneumothorax in Term and Late-Preterm Neonates. Fellow in Neonatal-Perinatal Medicine at Oklahoma University, OK. Sadly died in 2022. |
| 2020-22 | Mariela Sanchez-Rosado: Necrotizing enterocolitis: quality improvement; small for gestational age vs appropriate for gestational age infants; Implementation of donor breast milk; Zinc concentration in umbilical cord venous vs. arterial blood. Currently in private practice at University of Florida College of Medicine – Jacksonville, FL |
| 2022-24 | Tina Seidu: Serial serum zinc concentrations and outcomes after implementing zinc supplementation in preterm infants. Currently resident in pediatrics, UT Southwestern Medical Center |
| 2023- | Riti Choskhi: 1. Case report: Adenylosuccinate lyase (ADSL) deficiency; 2. Multicenter SITE Project (with Imran Mir, Heather French). Currently Fellow in Neonatal-Perinatal Medicine, UT Southwestern Medical Center |
| Mentoring Junior Faculty |
| 2011 | Audra Stewart, DO: Cochrane Reviews; Editorial on diuretics in VLBW infants. Currently in private practice at St. Bernards Medical Center, Jonesboro, Arkansas |
| 2020-21 | Christina Chan, Kikelomo Babata, Kelly Mazzarella: Systematic Reviews on COVID-19. Currently Clinical Assistant Professors at UT Southwestern Medical Center |
| 2020-21 | Vedanta Dariya: Cochrane Review: Cuffed endotracheal tube for neonates, Currently Assistant Professor at UT Southwestern Medical Center |
| 2020-21 | Muraleedharan Sivarajan: Neonatal hypoglycemia, Currently Clinical Assistant Professor at UT Southwestern Medical Center |
| 2022-current | Sujir Pritha Nayak: Necrotizing enterocolitis. Currently Assistant Professor at UT Southwestern Medical Center |
| 2023-current | Dimitrios Angelis: Relationship between zinc, growth and brain development. Currently Assistant Professor at UT Southwestern  |
| 2023-current | Kikelomo Babata: Effective Writing for Health Care Program (EWHC), Harvard Medical School36-year very low birth weight infant survival trends from a single hospital. Currently Assistant Professor at UT Southwestern |

**Invited Lectures**

|  |
| --- |
| International |
| 1980 | Syndrôme de Potter non diagnostiqué en échographie prénatale | Journée conjointe du Groupe J Lefèvre et Gérus, Paris, France |
| 1989 | Development of H+ secretion by cultured renal inner medullary collecting duct cells. | Fourth International Workshop on Developmental Nephrology,Montreal, Canada |
| 1992 | Development of the mesonephric duct | Fifth International Workshop on Developmental Renal Physiology Tremezzo, Como, Italy |
| 1992 | Carbonic anhydrase (CA) activity in the proximal convoluted tubule (PCT) and the outer medullary collecting duct (OMCD) of the rabbit is induced by chronic ammonium chloride loading (CAL). | Fifth International Workshop on Developmental Renal Physiology Tremezzo, Como, Italy |
| 1993 | Metabolic acidosis in the rabbit induces CA activity in the liver, the proximal convoluted tubule and the outer medullary collecting duct | Third International Carbonic Anhydrases Group Conference Oulu, Finland |
| 1993 | Carbonic anhydrase (CA) II deficiency mutation in the mouse is associated with an induction of carbonic anhydrase IV in brain myelin | Third International Carbonic Anhydrases Group Conference Oulu, Finland |
| 1993 | Induction of carbonic anhydrase (CA) IV in the central nervous system, the proximal convoluted tubule, and the liver of CA II-deficient mice | Third International Carbonic Anhydrases Group Conference Oulu, Finland |
| 1995 | Cloning of murine carbonic anhydrase IV | Fourth International Conference on the Carbonic Anhydrases. Molecular biology, physiology and clinical applications. Oxford, England |
| National |
| 1981 | Diète semi-élémentaire et prématurés | Groupe de Contact NSWO (alimentation entérale et parentérale), Liège, Belgium |
| 1981 | Growth and metabolic response of preterm infants fed on a semi-elemental diet or on preterm breastmilk. | Fondation Princesse Marie-Christine, Brussels, Belgium |
| 1992 | Sensitivity of cord blood serology for detecting presumptive congenital syphilis relationship with maternal treatment. | AAP NCE, San Francisco, CA |
| 2004 | Implementing ACGME Competencies in Neonatal-Perinatal Medicine | ONTPD, San Francisco, CA |
| 2006 | Fluconazole prophylaxis in very low birth weight and extremely low birth weight infants | Div. Neonatology, UTSW, Dallas, TX |
| 2006 | COIN Trial | Hot Topics, Washington, DC |
| 2008 | Individual developmental plan | ONTPD, Boston, MA |
| 2010 | Duty hours | ONTPD, San Francisco, CA |
| 2011 | Teaching and Assessing Professionalism | ONTPD, Boston, MA |
| 2019 | Optimizing Individual Nutrition in Preterm Very Low Birth Weight Infants: Randomized Clinical Trial | Gerber Foundation, Grand Rapids, Michigan (Internet presentation) |
| 2022 | Interview of Past ESPR President | ESPR |
| Regional/Local |
| 1981 | Monitoring de la pression sanguine du nouveau-né par la méthode oscillométrique (Dinamap). | Colloque de Pédiatrie et de Néonatologie de l'Institut Edith Cavell, Brussels  |
| 1983 | Choc asphyxique | Séminaires de Pédiatrie Médico-chirurgicale, Université Libre de Bruxelles, Brussels, Belgium |
| 1984 | A simple estimate of glomerular filtration rate in low birth weight infants | Third Annual Science Day, Dept. of Peds., AECOM/MMC Brussels, Belgium |
| 1988 | Development of proton secretion in cultured inner medullary collecting duct cells | SUNY, Stony Brook, NY |
| 1994 | Upregulation of renal carbonic anhydrase in response to acidosis | New York Univ, NY |
| 1997 | Hormonal mechanisms of growth failure in acidosis | University of Maryland Baltimore, MD |
| 2001 | Carbonic anhydrase: from bench to bedside | Women & Infants Hospital of Rhode Island, Brown University School of Medicine, Providence, Providence, RI |
| 2001 | Carbonic anhydrase: from bench to bedside | New York Medical College Valhalla, NY |
| 2006 | Neonatal hyperbilirubinemia | Grand Rounds, Bronx Lebanon Medical Center, Bronx NY |
| 2008 | Intubation vs. CPAP in the delivery room | Collin Community College, Texas Society of Respiratory Care, Frisco, TX |
| 1984 | A simple estimate of glomerular filtration rate in low birth weight infants | Third Annual Science Day, Dept. of Peds., Bronx NY |
| 1988 | Proton secretion in cultured inner medullary collecting duct cells | Division of Pediatric Nephrology, Bronx, NY |
| 1992 | Measurement of plasma creatinine in children | Grand Rounds, Laboratory Medicine and Pathology, Bronx, NY |
| 1996 | Fellows’ research: From presentation at Pediatric Research Day to extramural presentation and publication. | Fourteenth Annual Science Day, Dept. of Peds., Bronx NY |
| 1998 | Evidence-based prophylaxis and treatment of patent ductus arteriosus | Grand Rounds, Department of Pediatrics, Bronx NY |
| 1999 | Hormonal mechanisms of growth failure in moderate metabolic acidosis | Grand Rounds, Combined Division of Nephrology and Pediatr Nephrol, Bronx NY |
| 2002 | The COIN Trial | Grand Rounds, Department of Obstetrics, Gynecology and Womens’ Health, Bronx, NY |
| 2002 | Multiple provider evaluation of trainees’ communications and procedural skills | Implementing ACGME Competencies Workshops/ Posters, Bronx, NY |
| 2003 | Vitamin E. The good and the Bad | Pediatric Faculty Research Seminar Series, Bronx, NY |
| 2004 | Prevention of chronic lung disease in preterm infants | Pediatric Faculty Research Seminar Series, Bronx, NY |
| 2008 | Expanding lungs in preterm infants with respiratory distress syndrome: Why? When? How? How much? | Department of Pediatrics Grand Rounds, Dallas TX |
| 2014-2015 | Mortality and Morbidity in extremely low gestational age neonates (ELGANs) at Parkland and comparisons with US Data and Neonatal Research Network | MFM Division: Bryan Casey, K Leveno, Steven Bloom |
| 2016, 2018 | Respiratory Physiology, Mechanics and Ventilator Strategy in Newborns | Critical Care Lecture series, Department of Pediatric Surgery, Dallas TX  |
| 10/18/18 | High-frequency oscillation | TeleNICU, Trinity Mother Frances Hospital |
| 10/26/18 | Critical review of High-frequency jet ventilation (HFJV) at Parkland | Fall 2018 CEU Lecture Series Respiratory Therapists, Parkland Hospital |
| 4/17/19 | Improving growth and weight-for-length proportion in very preterm infants: Quality improvement project | Thrive Clinic, Children’s Medical Center, Dallas, TX |
| 4/24/19 | Growth curves | Thrive Clinic |
| 6/26/19 | Nutritional factors associated with growth from discharge to one year of age in AGA very preterm infants | Thrive Clinic |
| 8/13/19 | Reducing CPAP-associated Pneumothorax | Neo-QIC, Parkland Hospital  |
| 10/12/19 | Delivery Room CPAP for Term Infants | Pediatric Department Research Retreat |
| 2/19/2020 | Neonatal hypoglycemia | TeleNICU program – Navarro Regional, Corsicana, Texas |
| 2/21/2020 | Lunch & Interactive Session: Nutrition and the Developing Brain: Luc P. Brion, MD & Jordan Reis, MD | Brain Matters 2020, Parkland Health & Hospital Sytems, Dallas, TX |
| 4/6/2023 | Predicting surgical necrotizing enterocolitis (NEC) and mortality among preterm infants suspected of NEC | With Pritha Nayak, Grand Rounds, Pediatric Surgery, UTSW |

**Service to the Community**

|  |  |  |
| --- | --- | --- |
| Year(s) | Role | Organization or institution |
| 1975-77 | *Counselor/Physician,* Summer Camp for Diabetic Adolescents | Belgium  |
| 1990 | *Preceptor*, Associated Medical Schools-Einstein Enrichment Program for High School Student Education | Albert Einstein College of Medicine |

**Bibliography**

**Peer-Reviewed Publications**

Published Original Research Articles: One of the authors

|  |  |
| --- | --- |
|  | Avni FE, **Brion L**, Daled HJ. Ultrasonic screening evaluation of intracranial pathology in "high risk" neonates. 100 cases experience. J Belge Radiol 1981; 64:487-94. PMID: 7346523  |
|  | Vermeylen D, Dodion J, Pardou A, **Brion L,** Haumont D, Adam E, Delaet MH, Deconinck PG, Bouton JM. Evaluation of a prospective protocol for treatment of neonatal necrotizing enterocolitis. Acta Paediatr Belg 1981; 34:233-9 |
|  | Avni FE, **Brion L.** Ultrasound of the neonatal urinary tract. Urol Radiol 1983; 5:177-83. PMID: 6623758 |
|  | Pardou A, **Brion L.** Growth and metabolic response of healthy low birth weight infants fed either a semi-elemental diet or their own mother's milk. J Parenteral Enteral Nutr 1983;7:121-5. PMID: 6406697  |
|  | **Brion L**, Rondia G, Avni FE, Thirion M, Schulman CC. Importance of deep abdominal palpation in the perinatal diagnosis of urologic malformations. Biol Neonate 1984; 46: 215-9. PMID: 6391566 |
|  | **Brion L**, Fleischman AR, Schwartz GJ. Evaluation of four length-weight formulas for estimating body surface area in newborn infants. J Pediatr 1985;107:801-3. PMID: 4056985 |
|  | Clermont MJ, **Brion L,** Schwartz GJ. Reliability of plasma creatinine measurement in children. Clin Pediatr (Phila) 1986; 25:569-72. PMID: 3769373 |
|  | **Brion L**, Fleischman AR, McCarton C, Schwartz GJ. A simple estimate of glomerular filtration rate in low birth weight infants during the first year of life: non invasive assessment of body composition and growth. J Pediatr 1986;109:698-707. PMID: 3761090 |
|  | **Brion LP**, Schwartz JH, Zavilowitz BJ, Schwartz GJ. Micro-method for the measurement of carbonic anhydrase activity in cellular homogenates. Analytical Biochem 1988; 175:289-97. PMID: 3149875 |
|  | **Brion LP**, Schwartz JH, Lachman HM, Zavilowitz BJ, Schwartz GJ. Development of H+ secretion by cultured inner medullary collecting duct cells. Am J Physiol 1989; 257 (Renal, Fluid and Electrolyte Physiol 26):F486-501. PMID: 2476940 |
|  | **Brion LP**, Boeck MA, Gauthier B, Nusbaum MP, Schwartz GJ. Estimation of glomerular filtration rate in anorectic adolescents. Pediatr Nephrol 1989; 3:16-21. PMID: 2702081 |
|  | **Brion LP**, Schwartz GJ, Campbell D, Fleischman AR. Early hyperkalemia in very low birth weight infants in the absence of oliguria. Arch Dis Child 1989; 64:270-2. PMID: 2930232 |
|  | **Brion LP.** Use of a Lotus 123 spreadsheet to plot the confidence and the prediction intervals in linear regression analysis. Comput Biol Med 1990;20:129-34. PMID: 2364679 |
|  | **Brion LP**, Schwartz JH, Zavilowitz BJ, Schwartz GJ. Differentiation of H+ pumping activity in cultured renal inner medullary collecting duct cells. Pediatr Nephrol 1990;4:408-14. PMID: 2169849 |
|  | **Brion LP**, Satlin LM, Schwartz GJ. Video fluorescence microscopy as a tool for the study of cellular heterogeneity in epithelia. BioTechniques 1990;8:282-9. PMID: 2158801  |
|  | **Brion LP**, Zavilowitz BJ, Rosen O, Schwartz GJ. Changes in soluble carbonic anhydrase activity in response to maturation and ammonium chloride loading in the rabbit. Am J Physiol 1991; 261 (Regulatory, Integrative and Comparative Physiol 30):R1204-13. PMID: 1951769 |
|  | **Brion LP**, Manuli M, Rai B, Pavlov H, Kresch MJ, Glaser JH. Long bone changes as a sign of active congenital syphilis in asymptomatic newborn infants. Pediatr 1991;88:1037-40. PMID: 1945608 |
|  | **Brion LP**, Fleischman AR, Schwartz GJ. Gentamicin interval in newborn infants as determined by renal function and postconceptional age. Pediatr Nephrol 1991;5:675-8. PMID: 1768575 |
|  | **Brion LP**, VegaRich C, Reinersman G, Roth P. Low dose doxapram for apnea unresponsive to aminophylline in very low birth weight infants. J Perinatol 1991;11:359-64. PMID: 1770394 |
|  | Chhabra RS, **Brion LP**, Castro M, Freundlich L, Glaser JH. Comparison of maternal sera, cord blood and infant sera for detecting presumptive congenital syphilis. Relationship with maternal treatment. Pediatr 1993;91:88-91. PMID: 8416511 |
|  | Suarez MA Jr, Blanco B, **Brion LP**, Schulman M, Calvelli TA, Youchah J, Devash Y, Rubinstein A, Goldstein H. A rapid test for the detection of human immunodeficiency virus antibodies in cord blood. J Pediatr 1993;123:259-61. PMID: 8345422 |
|  | Gonzalez, MT, Sherwood JB, **Brion LP**, Schulman M. Erythropoietin levels during theophylline treatment in premature infants. J Pediatr 1994;124:128-30. PMID: 8283362 |
|  | **Brion LP**, Zavilowitz BJ, Suarez C, Schwartz GJ. Metabolic acidosis stimulates carbonic anhydrase activity in rabbit proximal tubule and medullary collecting duct. Am J Physiol 1994;266 (Renal, Fluid and Electrolyte Physiol 35): F185-95. PMID: 8141319 |
|  | Matsumoto T, Winkler CA, **Brion LP**, Schwartz GJ. Expression of acid-base related proteins in mesonephric kidney of the rabbit. Am J Physiol 1994; 267 (Renal, Fluid and Electrolyte Physiol 36):F987-97. PMID: 7810707 |
|  | **Brion LP**, Suarez C, Zhang H, Cammer W. Up-regulation of carbonic anhydrase isozyme IV in CNS myelin of mice genetically deficient in carbonic anhydrase II. J Neurochem 1994;63: 360-6; correction: 1998; 70:1777. PMID: 8207439 |
|  | Goyal M, Suresh BR, Reinersman G, Gewolb IH, **Brion LP**. Evolution and variability of pulmonary mechanics during postnatal transition in fullterm infants. J Perinatol 1995;15:441-8. PMID: 8648452 |
|  | Lesser E, Chhabra R, **Brion LP**, Suresh BR. Use of midline catheters in low birthweight infants. J Perinatol 1996; 16:205-7. PMID: 8817432 |
|  | Garcia O, Reichberg S, **Brion LP**, Schulman M. Topical anesthesia for line insertion in very low birth weight infants. J Perinatol 1997;17:477-80. PMID: 9447537 |
|  | **Brion LP**, Campbell DE. Furosemide for prevention of morbidity in indomethacin-treated infants with patent ductus arteriosus (Cochrane Review). In: The Cochrane Library. Oxford: Update Software 1998, issue 3; Updates: 2000;(2):CD001148; 2001. PMID: 11686979 |
|  | **Brion LP**, Cammer W, Satlin LM, Suarez C, Zavilowitz BJ, Schuster VL. Expression of carbonic anhydrase IV in carbonic anhydrase II-deficient mice, Am J Physiol 1997;273 (Renal Physiol 42):F234-45. PMID: 9277584 |
|  | Jandziszak K, Suarez C, Wasserman E, Clark R, Baker B, Liu F, Hintz R, Saenger P, **Brion LP**. Disturbances of the growth hormone-insulin-like growth factor axis and response to growth hormone in acidotic mice. Am J Physiol 1998; 275 (Regulatory, Integrative Comp Physiol 44): R120-8. PMID: 9688969 |
|  | Rios A, **Brion LP**, Fleischman AR. Factors affecting humidity of inspired gas in neonatal ventilation. J Perinatol 1998; 18:31-7. PMID: 9527942 |
|  | Kim E, **Brion LP**, Meenan G, Lehrer M, Suresh BR. Perinatal toxicology screening: Comparison of various maternal and neonatal samples. J Perinatol 1998;18:116-21. PMID: 9605301 |
|  |  a. \***Brion LP**, Primhak RA. Intravenous or enteral loop diuretics for preterm infants with (or developing) chronic lung disease. Cochrane Database Syst Rev. 1999;(2), in The Cochrane Library. Oxford: Update Software; Updates: 2000;(4):CD001453; 2002;(1): PMID: 11034718b. \***Brion LP,** Rios A, Pauchard JY, Primhak RA. Diuretics in preterm infants with (or developing chronic lung disease (Protocol). In Sinclair JC, Bracken MB, Soll RF, Horbar JD, eds. Neonatal Module of the Cochrane Database of Systematic Reviews. Cochrane Library (database on disk and CD-ROM). The Cochrane Collaboration: Update Software, 1999, Issue 1c. \*Stewart A, **Brion LP.** Intravenous or enteral loop diuretics for preterm infants with (or developing) chronic lung disease. Cochrane Database Syst Rev. 2011 Sep 7;9:CD001453. PMID: 21901676; PMCID: PMC7055198. |
|  | a. **Brion LP,** Soll RS. Diuretics for respiratory distress syndrome in preterm infants. . Cochrane Database Syst Rev. 1999;(3), in: The Cochrane Library. Oxford: Update Software; Updates: 2001;(2):CD001454. PMID: 11405991; Cochrane Library, Issue 1, 2008. PMID: 18253991b. Stewart A, **Brion LP**, Soll R. Diuretics for respiratory distress syndrome in preterm infants. Cochrane Database Syst Rev. 2011 Dec 7;12:CD001454. PMID: 22161366; PMCID: PMC7055205. |
|  | **Brion LP,** Yong SC, Primhak RA. Aerosolized diuretics for preterm infants with or developing chronic lung disease Cochrane Database Syst Rev. 1999;(3), in: The Cochrane Library. Oxford: Update Software; Updates: 2001;(2). PMID: 11405998; Cochrane Library, Issue 3, 2006. PMID: 16855973; PMCID: PMC6769054 |
|  | a. **Brion LP,** Primhak RA, Ambrosio-Perez I. Diuretics acting on the distal renal tubule for preterm infants with or developing chronic lung disease. Cochrane Database Syst Rev. 1999;(4), in The Cochrane Library. Oxford: Update Software; Upsdates: 2000;(3):CD001817. PMID: 10908511; 2002. PMID: 11869608b. Stewart A, **Brion LP**, Ambrosio-Perez I. Diuretics acting on the distal renal tubule for preterm infants with (or developing) chronic lung disease. Cochrane Database Syst Rev. 2011 Sep 7;9:CD001817. PMID: 21901679; ; PMCID: PMC7068169 |
|  | **Brion LP**, Campbell DE. Furosemide in indomethacin-treated infants. Systematic review and meta-analysis. Pediatr Nephrol 1999;13:212-8. PMID: 10353408 |
|  | Fofah O, Karmen A, Piscitelli J, **Brion LP**. Failure of prediction of peak vancomycin levels from trough values in newborn infants. Pediatr Infect Dis 1999;18:299-301. PMID: 10093959 |
|  | Russell BK, Aviles M, **Brion LP.** Relationship between perinatal counseling and incidence of breastfeeding in an inner-city population. J Perinatol 1999;19:501-4. PMID: 10685299 |
|  | Cazano C, Russell BK, **Brion LP**. Size at birth in an inner-city population. Am J Perinatol 1999;16:543-8. PMID: 10874992 |
|  | Jandziszak K, Suarez C, Saenger PH, **Brion LP**. Time course of the response to recombinant growth hormone in acidotic mice. Pediatr Nephrol 2000;14:922-6. PMID: 10975300 |
|  | Tong CT, **Brion LP**, Suarez C, Chesler M. Interstitial carbonic anhydrase activity in brain is due to membrane-bound carbonic anhydrase IV. J Neuroscience 2000;20:8247-53. PMID: 11069930 |
|  | Rosen O, Suarez C, Schuster VL, **Brion LP**. Expression of carbonic anhydrase IV in mouse placenta. Am J Physiol (Regulatory, Integrative Comp Physiol) 2001;280:R365-75. PMID: 11208563 |
|  | **Brion LP**, Suarez C, Saenger P. Postnatal disappearance of type A intercalated cells in carbonic anhydrase II-deficient mice. Pediatr Nephrol 2001;16:477-81. PMID: 11420910 |
|  | Brar G, Geiss D, **Brion LP**, Rios A. Respiratory mechanics in very low birth weight infants during continuous versus intermittent gavage feedings. Pediatr Pulmonol 2001;32:442-6. PMID: 11747247 |
|  | Whitelaw A, Kennedy C, **Brion LP**. Diuretic therapy for newborn infants with posthemorrhagic ventricular dilatation Cochrane Database Syst Rev. 2001;(2), in: The Cochrane Library. Oxford: Update Software. PMID: 11406041; PMCID: PMC8436729. |
|  | Barrington K, **Brion LP**. Dopamine versus no treatment to prevent renal dysfunction in indomethacin-treated preterm newborn infants. Cochrane Database Syst Rev. 2002;(3):CD003213. Review, in: The Cochrane Library. Oxford: Update Software. PMID: 12137683; PMCID: PMC8711294.  |
|  | **Brion LP**, Bell E, Raghuveer T. Vitamin E supplementation for prevention of morbidity and mortality in preterm infants 2003;(3):CD003665. PMID: 12917978. Review, in: The Cochrane Library. Oxford: Update Software; Update: 2003;(4): CD003665. PMID: 14583988 |
|  | **Brion LP**, Raghuveer T, Bell EF. Variability in the dose of intravenous intake of vitamin E in very low birth weight infants. J Perinatol 2005;25:139-42. PMID: 15549143 |
|  | Nafday SM, Green RS, Lin J, **Brion LP**, Ochshorn I, Holzman IR. Is there an advantage of using pressure support ventilation with volume guarantee in the initial management of premature infants with respiratory distress syndrome? A pilot study. J Perinatol 2005; 25:193-7. PMID: 15674409 |
|  | Sisman J, Campbell DE, **Brion LP**. Amplitude-integrated EEG in preterm infants: Maturation of background pattern and amplitude voltage with gestational age and postmenstrual age. J Perinatol 2005; 25:391-6. PMID: 15815708 |
|  | Pande S, **Brion LP,** Campbell DE, Esteban N. Lack of effect of L-carnitine supplementation on weight gain in very preterm infants. J Perinatol 2005;25:470-7. PMID: 16496013  |
|  | Soghier LM, **Brion LP**. Cysteine, cystine or N-acetylcysteine supplementation in parenterally fed neonates. The Cochrane Library. Cochrane Database Syst Rev. 2006 Oct 18;(4):CD004869. Review. PMID: 17054219 |
|  | Uko S, Soghier LM, Vega M, Marsh J, Reinersman GT, Herring L, Dave V, Nafday S, **Brion LP**. Targeted short-term fluconazole prophylaxis in very low birth weight and extremely low birth weight infants, Pediatrics 2006; 117:1243-52. PMID: 16585321 |
|  | Soghier LM, Vega M, Aref K, Reinersman GT, Koenigsberg M, Kogan M, Bello J, Romano J, Hoffman T, **Brion LP**. Diffuse basal ganglia hyperechogenicity in preterm infants. J Perinatol 2006; 26:230-6. PMID: 16496013 |
|  | De La Fuente L, Campbell DE, Rios A, Grieg A, Graff M, **Brion LP**. Frequency analysis of air and skin temperature in neonates in servo-controlled incubators. J Perinatol 2006; 26:301-5. PMID: 16554848  |
|  | **Brion LP,** Uko SE, Goldman DL. Risk of resistance associated with fluconazole prophylaxis: Systematic Review, J Infect. 2007;54:521-9. PMID: 17239952 |
|  | a. Morley CJ, Davis PG, Doyle LW, **Brion LP**, Hascoet JM, Carlin JB, for the COIN trial Collaborators. Nasal CPAP or intubation for very preterm infants at birth: The COIN trial. N Engl J Med 2008; 358:700-8. PMID: 18272893b. C.J. Morley, P.G. Davis, L.W. Doyle, L.P. Brion, J.M. Hascoet, J.B. Carlin. Nasal CPAP or Intubation at Birth for Very Preterm Infants. Obstetric Anesthesia Digest 01/2008; 28(4):226-227. DOI:10.1097/01.aoa.0000337926.47114.72 |
|  | Dave V, **Brion LP**, Campbell DE, Scheiner M, Raab C, Nafday SM. Splanchnic tissue oxygenation, but not brain tissue oxygenation, increases after feeds in stable preterm neonates tolerating full bolus orogastric feeding. J Perinatol 2009; 29: 213-8. PMID: 19020529  |
|  | Chalak LF, Rollins N, Morris MC, **Brion LP**, Heyne R, Sánchez PJ. Perinatal acidosis and hypoxic-ischemic encephalopathy in preterm infants of 33 to 35 weeks’ gestation. J Pediatrics, 2012; 160:388-941. PMID: 22033298 |
|  | Bell EF, Hansen NI, **Brion LP**, Ehrenkranz RA, Kennedy KA, Walsh MC, Shankaran S, Acarregui MJ, Johnson KJ, Hale EC, Messina LA, Crawford MM, Laptook AR, Goldberg RN, Van Meurs KP, Carlo WA, Poindexter BB, Faix RG, Carlton DP, Watterberg KL, Ellsbury DL, Das A, Higgins, RD, for the Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. Serum Tocopherol Levels in Very Preterm Infants After a Single Dose of Vitamin E at Birth. Pediatrics. 2013 Dec;132(6):e1626-33. PMID:24218460; ; PMCID: PMC3838534. |
|  | Kapadia VS, Chalak L, Dupont T, Rollins NK, **Brion LP**, Wyckoff MH. Perinatal asphyxia with hyperoxemia within the first hour of life is associated with moderate to severe hypoxic-ischemic encephalopathy. J Pediatrics 2013;163(4):949-54 PMID: 23759422 |
|  | LeVan JM, Wyckoff MH, Ahn C, Heyne R, Sánchez PJ, Chalak L, Jaleel MA, Burchfield PJ, Christie L, Soll R, Badger GJ, **Brion LP**. Change in Care Among Non–Enrolled Patients During and After a Randomized Trial, Pediatrics 2013; 132:e960-70. PMID: 24043277. PMCID: PMC4134421. |
|  | LeVan JM, **Brion LP**, Wrage LA, Gantz MG, Wyckoff MH, Sánchez PJ, Heyne R, Jaleel M, Finer NN, Carlo WA, Das A, Stoll BJ, Higgins RD, on behalf of the Eunice Kennedy Shriver NICHD Neonatal Research Network, Bethesda, MD. Change in Practice After The Surfactant, Positive Pressure, and Oxygenation Randomized Trial. Arch Dis Child Fetal Neonatal 2014;99: F386–F390. PMID: 24876196  |
|  | Motta M, Scott W, Mahony L, Koch J, Wyckoff M, Reisch J, Burchfield PJ, **Brion LP.** The Association of Congenital Heart Disease with Necrotizing Enterocolitis in Preterm Infants: A Birth Cohort Study. Journal of Perinatology, 2015 Nov;35(11):949-53. PMID: 26248130 |
|  | Chawla S, Natarajan G, Shankaran S, Carper B, **Brion LP**, Keszler M, Carlo WA, Ambalavanan N, Gantz MG, Das A, Finer N, Goldberg RN, Cotten CM, Higgins RD; Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. Markers of Successful Extubation in Extremely Preterm Infants, and Morbidity after Failed Extubation. J Pediatr. 2017 Oct;189:113-119.e2. PMID: 28600154; ; PMCID: PMC5657557. |
|  | DeVries LB, Heyne RJ, Ramaciotti C, Brown LS, Jaleel MA, Kapadia KS, Burchfield PJ, **Brion LP**. Mortality among Infants with Evolving Bronchopulmonary Dysplasia Increases with Major Surgery and with Pulmonary Hypertension. J Perinatol. 2017 Sep;37(9):1043-1046. PMID: 28617427 |
|  | Sheehan JW, Pritchard MA, Heyne RJ, Brown LS, Jaleel MA, Engle WD, Burchfield PJ, **Brion LP**. Severe intraventricular hemorrhage and withdrawal of support in preterm Infants. J Perinatology, 2017 Apr;37(4):441-447. PMID: 27977011 |
|  | Pavageau L, Rosenfeld CR, Heyne R, Brown LS, Whitham J, Lair C, **Brion LP**. Valid Serial Length Measurements in Preterm Infants Permit Characterization of Growth Patterns. Journal of Perinatology, 2018 Dec;38(12):1694-1670. PMID: 30267002  |
|  | Phelps DL, Watterberg KL, Nolen TL, Cole CA, Cotten CM, Oh W, Poindexter BB, Zaterka-Baxter KM, Das A, Lacy CB, Scorsone AM, Walsh MC, Bell EF, Kennedy KA, Schibler K, Sokol GM, Laughon MM, Lakshminrusimha S, Truog WE, Garg M, Carlo WA, Laptook AR, Van Meurs KP, Carlton DP, Graf A, DeMauro SB, **Brion LP**, Shankaran S, Orge FH, Olson RJ, Mintz-Hittner H, Yang MB, Haider KM, Wallace DK, Chung M, Hug D, Tsui I, Cogen MS, Donahue JP, Gaynon M, Hutchinson AK, Bremer DL, Quinn G, He YG, Lucas WR Jr, Winter TW, Kicklighter SD, Kumar K, Chess PR, Colaizy TT, Hibbs AM, Ambalavanan N, Harmon HM, McGowan EC, Higgins RD; for the Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. Effects of Myo-inositol on Type 1 Retinopathy of Prematurity Among Preterm Infants <28 Weeks' Gestational Age: A Randomized Clinical Trial. JAMA 2018; Oct 23;320(16):1649-1658. PMID: 30357297 |
|  | **Brion LP**, Rosenfeld CR, Heyne R, Brown LS, Lair C, Burchfield P, Caraig M. Adjustable Feedings plus Accurate Serial Length Measurements Decrease Weight-Length Disproportion in Very Preterm Infants. J Perinatol. 2019 Aug;39(8):1131-1139. doi: 10.1038/s41372-019-0424-8. PMID: 31263201; Correction: J Perinatol. 2019 Dec;39(12):1694. doi: 10.1038/s41372-019-0521-8. PMID: 31601949 |
|  | Smithhart W, Wyckoff MH, Kapadia V, Jaleel M, Kakkilaya V, Brown LS, Nelson DB, **Brion LP**. Delivery room continuous positive pressure and pneumothorax in term and near-term neonates. Pediatrics 2019;144(3):e20190756. PMID: 31399490; ; PMCID: PMC8853308. |
|  | Babata KL, Yeo KT, Chan CS, Mazzarella K, Adhikari EH, Kong JY, Hascoët J, **Brion LP**. Feeding strategies to prevent neonatal SARS-CoV-2 infection in term or late preterm babies born to mothers with confirmed COVID-19. Protocol. Cochrane Database of Systematic Reviews 2020, Vol 7 -withdrawn |
|  | **Brion LP**, Rosenfeld CR, Heyne R, Brown LS, Lair CS, Petrosyan E, Jacob T, Caraig M, Burchfield PJ. Optimizing Individual Nutrition in Preterm Very Low Birth Weight Infants: Double-Blinded Randomized Controlled Trial. J Perinatol 2020, Apr;40(4):655-665. doi: 10.1038/s41372-020-0609-1. PMID: 32071367 |
|  | **Brion LP**, Rosenfeld CR, Heyne R, Brown LS, Lair CS, Heyne E, Dohoney EL, Burchfield PJ, Caraig M. Association of Age of Initiation and Type and of Complementary Foods with Body Mass Index and Weight-Length at Twelve Months of Age in Preterm Infants. 2020 Sep;40(9):1394-1404. doi: 10.1038/s41372-020-0637-x. Epub 2020 Mar 9. PMID: 32152493. |
|  | **Brion LP**, Heyne R, Brown LS, Lair CS, Edwards A, Burchfield PJ, Caraig M. Zinc Deficiency Limiting Head Growth to Discharge in Extremely Low Gestational Age Infants with Insufficient Linear Growth: A cohort Study. J Perinatol. 2020 Nov;40(11):1694-1704. doi: 10.1038/s41372-020-00778-w. Epub 2020 Aug 12. PMID: 32788617 |
|  | Chan CS, Kong JY, Babata KL, Mazzarella K, Adhikari EH, Yeo KT, Hascoët J, **Brion LP**. Optimal delivery room management for the prevention of SARS-CoV-2 transmission and associated morbidity or mortality in neonates exposed to SARS-CoV-2 or delivered from women with SARS-CoV-2 symptoms. Protocol. Cochrane Database of Systematic Reviews 2020, Vol 7 -withdrawn |
|  | **Brion LP**, Phelps DL, Ward RM, Nolen TL, Hallman NMK, Das A, Zaccaro DJ, Ball MB, Watterberg KL, Frantz ID 3rd, Cotten CM, Poindexter BB, Oh W, Lugo RA, Van Meurs KP, O'Shea TM, Zaterka-Baxter KM, Higgins RD; Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. Blood myo-inositol concentrations in preterm and term infants. J Perinatol. 2021 Feb;41(2):247-254. doi: 10.1038/s41372-020-00799-5. Epub 2020 Sep 15. PMID: 32934363 ; PMCID: PMC7889639. |
|  | **Brion LP**, Heyne R, Lair CS. Role of Zinc in Neonatal Growth and Brain Growth: Review and Scoping Review. Pediatric Research, 2021 May;89(7):1627-1640. doi:10.1038/s41390-020-01181-z. PMID 33010794; correction PMID: 33654291 doi:10.1038/s41390-021-1425-6 |
|  | ElHassan NO, Shaefer EW, Gonzalez B, Nienaber T, **Brion LP**, Kaiser JR. Transient hypoglycemia and test performance in at-risk newborns. Am J Perinatology, 2021 Jul 30. doi: 10.1055/s-0041-1732380. Epub ahead of print. PMID: 34331300. |
|  | Reis JD, Tolentino-Plata K, Heyne R, Brown LS, Rosenfeld CR, Caraig M, Burchfield PJ, **Brion LP.** Quality improvement project designed to reduce disproportionate growth in extremely low gestational age neonates: cognitive neurodevelopmental outcome at 18-41 months. J Perinatol. 2021 May;41(5):1050-1058. doi: 10.1038/s41372-021-01047-0. Epub 2021 Mar 26. PMID: 33772110; PMCID: PMC7995674. |
|  | Sivarajan M, Schneider JH, Johnson KA, Bai S, ElHassan N, Kaiser JR, Nelson DB, Brown SL, Burchfield PJ, **Brion LP**, Decreasing early hypoglycemia frequency in at-risk newborns after implementing a new hypoglycemia screening algorithm. J Perinatology 2021,  Dec;41(12):2840-2846.doi: 10.1038/s41372-021-01263-8. Online ahead of print. PMID: 34789816 |
|  | Weydig HM, Rosenfeld CR, Jaleel MA, Burchfield PJ, Frost MS, **Brion LP**. Association of antenatal steroids with neonatal mortality and morbidity in preterm infants born to mothers with diabetes mellitus and/or hypertension. J Perinatol. 2021 Jul;41(7):1660-1668. doi: 10.1038/s41372-021-01090-x. Epub 2021 May 25. PMID: 34035455. |
|  | Dariya V, Moresco L, Bruschettini M, Brion LP. Cuffed versus uncuffed endotracheal tubes for neonates. Cochrane Database Syst Rev. 2022 Jan 24;1(1):CD013736. doi: 10.1002/14651858.CD013736.pub2. Review. PubMed PMID: 35073407; PubMed Central PMCID: PMC8786207. |
|  | Stocks E, Jaleel M, Smithhart W, Burchfield P, Thomas A, Clark C, Mangona KLM, Brown LS, Kapadia V, Wyckoff M, Kakkilaya V, Brenan S, Nelson DB, **Brion LP**. Decreasing delivery Room CPAP-Associated Pneumothorax at $\geq 35-week gestational age.$ J Perinatology 2022 Jun;42(6):761-768. doi: 10.1038/s41372-022-01334-4. Epub 2022 Feb 16.PMID: 35173286. |
|  | Weydig HM, Rosenfeld CR, Wyckoff MH, Jaleel MA, Burchfield PJ, Thomas A, Frost MS, **Brion LP**. Association of antenatal steroids with surfactant administration in moderate preterm infants born to women with diabetes mellitus and/or hypertension. J Perinatol. 2022 Aug;42(8):993-1000. doi: 10.1038/s41372-021-01273-6. Epub 2021 Nov 20. PMID: 34802046; PMCID: PMC8605443. |
|  | **Brion LP**, Scheid LM, Brown LS, Burchfield PJ, Rosenfeld CR. Factors Associated with Need for Intravenous Glucose Infusion for the Treatment of Early Neonatal Hypoglycemia in Late Preterm and Term Neonates. Am J Perinatol. 2023 Jul 29. doi: 10.1055/a-2107-1985. Epub ahead of print. PMID: 37286182. |
|  | Lair CS, Brown LS, Edwards A, Jacob T, **Brion LP,** Jaleel M. Quality improvement project in a neonatal intensive care unit reduced the prevalence and duration of hypophosphatemia with significant and sustainable results. Nutr Clin Pract. 2023 Dec; 38(6):1379-1391. doi: 10.1002/ncp.10986. Epub ahead of print. PMID: 37042685. |
|  | Laptook AR, Weydig H, **Brion LP**, Wyckoff MH, Arnautovic TI, Younge N, Oh W, Chowdhury D, Keszler M, Das A; National Institute of Child Health and Human Development Neonatal Research Network. Antenatal Steroids, Prophylactic Indomethacin, and the Risk of Spontaneous Intestinal Perforation. J Pediatr. 2023 May 10:113457. doi: 10.1016/j.jpeds.2023.113457. Epub ahead of print. PMID: 37172814. |
|  | Mir IN, Sánchez-Rosado M, Reis J, Uddin N, Brown LS, Mangona KL, Nelson D, Wyckoff M, Nayak SP, **Brion L**. Impact of fetal inflammatory response on the severity of necrotizing enterocolitis in preterm infants. Pediatr Res. 2023 Dec 8. doi: 10.1038/s41390-023-02942-2. Epub ahead of print. PMID: 38066247. |
|  | Reis JD, Tolentino-Plata K, Caraig M, Heyne R, Rosenfeld CR, Brown LS, **Brion LP**. Double-blinded randomized controlled trial of optimizing nutrition in preterm very low birth weight infants: Bayley scores at 18-38 months of age. J Perinatol. 2023 Jan;43(1):81-85. doi: 10.1038/s41372-022-01572-6. Epub 2022 Dec 6. PMID: 36473929. |
|  | Reis JD, Hagan T, Heyne R, Tolentino-Plata K, Clarke R, Brown S, Rosenfeld CR, Burchfield PJ, Caraig M, **Brion LP.** Relationship between ventricular size on latest ultrasonogram and Bayley scores in extremely low gestational age neonates. Am J Perinatol 2023, Mar 18. doi: 10.1055/a-2057-7454. Epub ahead of print. PMID: 36933551. |
|  | Sanchez-Rosado M, Lair CS, Edwards A, Jacob T, Heyne R, Brown LS, Clark C, Nelson DB, Wyckoff MH, Kiefaber I, Verma D, Reis J, Burchfield PJ, Sepulveda P, **Brion LP**. Growth after implementing a donor breast milk program in neonates <33 weeks gestational age or birthweight <1500 grams: Retrospective cohort study. J Perinatol. 2023 May;43(5):608-615. doi: 10.1038/s41372-023-01627-2. Epub ahead of print. PMID: 36737571; PMCID: PMC9897884. |
|  | Sanchez-Rosado M, Reis JD, Jaleel MA, Clipp K, Mangona KL, Brown LS, Nelson DB, Wyckoff MH, Verma D, Kiefaber I, Lair CS, Nayak SP, Burchfield PJ, Thomas A, **Brion LP**. Impact of Size for Gestational Age on Multivariate Analysis of Factors Associated with Necrotizing Enterocolitis in Preterm Infants: Retrospective Cohort Study. Am J Perinatol. 2023 Oct 27. doi: 10.1055/a-2183-5155. Epub ahead of print. PMID: 37769697. |
|  | Reis JD, Heyne R, Rosenfeld CR, Caraig M, Brown LS, Burchfield PJ, Lair CS, Petrosyan E, Jabob T, Nelson DB, **Brion LP**. Follow-up of a randomized trial optimizing neonatal nutrition in preterm very low birthweight infants: growth, serum adipokines, renal function and blood pressure. J Perinatol. 2024 Jan;44(1):78-86. doi: 10.1038/s41372-023-01821-2. Epub 2023 Nov 14. PMID: 37964083. |
|  | Chan CS, Kong JY, Sultana R, Mundra V, Babata KL, Mazzarella K, Adhikari EH, Yeo KT, Hascoët J, **Brion LP**. Optimal delivery management for the prevention of early neonatal SARS-CoV-2 infection: Systematic Review and meta-analysis. Am J Perinatol, in press |
|  | Nayak SP, Sanchez-Rosado M, Reis JD, Brown LS, Mangona KL, Sharma P, Nelson DB, Wyckoff MH, Pandya S, Mir IN. **Brion LP.** Development of a prediction model for surgery or early mortality at the time of initial assessment for necrotizing enterocolitis. Am J Perinatology, in press |
|  | Stumpf K, Sharma P, Brown LS, **Brion LP,** Mirpuri J. Maternal body mass index and necrotizing enterocolitis: a case-control study. PLOS one 2024, in press |

Original Research Articles submitted for publication: one of the authors

|  |  |
| --- | --- |
|  | Sisman J, Adhikari E, Black LF, Weiss A, Brown LS, **Brion LP.** Maternal and Neonatal Outcomes Associated with Illness Severity of Maternal COVID-19. Submitted to J Neonatal-Perinatal Medicine |
|  | Reis JD, Sanchez-Rosado M, Mathai D, Kiefaber I, Brown LS, Lair CS, Nelson DB, Burchfield PJ, **Brion LP.** Racial/ethnic differences in feeding Mother's Own Milk in Preterm Infants. Submitted to Am J Perinatol |

Original Research Articles: One of the contributors

|  |  |
| --- | --- |
|  | Carlo WA, McDonald SA, Fanaroff AA, Vohr BR, Stoll BJ, Ehrenkranz RA, Andrews WW, Wallace D, Das A, Bell EF, Walsh MC, Laptook AR, Shankaran S, Poindexter BB, Hale EC, Newman NS, Davis AS, Schibler K, Kennedy KA, Sánchez PJ, Van Meurs KP, Goldberg RN, Watterberg KL, Faix RG, Frantz ID 3rd, Higgins RD; Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. (**Brion LP** et al). Association of antenatal corticosteroids with mortality and neurodevelopmental outcomes among infants born at 22 to 25 weeks' gestation. JAMA. 2011 Dec 7;306(21):2348-58. PMID: 22147379 |
|  | Laughon MM, Langer JC, Bose CL, Smith PB, Ambalavanan N, Kennedy KA, Stoll BJ, Buchter S, Laptook AR, Ehrenkranz RA, Cotten CM, Wilson-Costello DE, Shankaran S, Van Meurs KP, Davis AS, Gantz MG, Finer NN, Yoder BA, Faix RG, Carlo WA, Schibler KR, Newman NS, Rich W, Das A, Higgins RD, Walsh MC; Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. (**Brion LP** et al). Prediction of bronchopulmonary dysplasia by postnatal age in extremely premature infants. Am J Respir Crit Care Med. 2011 Jun 15;183(12):1715-22. PMID: 21471086 |
|  | Alleman BW, Bell EF, Li L, Dagle JM, Smith PB, Ambalavanan N, Laughon MM, Stoll BJ, Goldberg RN, Carlo WA, Murray JC, Cotten CM, Shankaran S, Walsh MC, Laptook AR, Ellsbury DL, Hale EC, Newman NS, Wallace DD, Das A, Higgins RD; Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. (**Brion LP** et al). Individual and center-level factors affecting mortality among extremely low birth weight infants. Pediatrics. 2013 Jul;132(1):e175-84. PMID: 23753096 |
|  | Boghossian NS, Hansen NI, Bell EF, Stoll BJ, Murray JC, Carey JC, Adams-Chapman I, Shankaran S, Walsh MC, Laptook AR, Faix RG, Newman NS, Hale EC, Das A, Wilson LD, Hensman AM, Grisby C, Collins MV, Vasil DM, Finkle J, Maffett D, Ball MB, Lacy CB, Bara R, Higgins RD; Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. (**Brion LP** et al). Mortality and Morbidity of VLBW Infants With Trisomy 13 or Trisomy 18. Pediatrics; 2014 Feb;133(2):226-35. PMID: 24446439 |
|  | DeMauro SB, D'Agostino JA, Bann C, Bernbaum J, Gerdes M, Bell EF, Carlo WA, D'Angio CT, Das A, Higgins R, Hintz SR, Laptook AR, Natarajan G, Nelin L, Poindexter BB, Sanchez PJ, Shankaran S, Stoll BJ, Truog W, Van Meurs KP, Vohr B, Walsh MC, Kirpalani H; Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. (**Brion LP** et al). Developmental outcomes of very preterm infants with tracheostomies. J Pediatr. 2014 Jun;164(6):1303-10. PMID: 24472229 |
|  | Morriss FH Jr, Saha S, Bell EF, Colaizy TT, Stoll BJ, Hintz SR, Shankaran S, Vohr BR, Hamrick SE, Pappas A, Jones PM, Carlo WA, Laptook AR, Van Meurs KP, Sánchez PJ, Hale EC, Newman NS, Das A, Higgins RD; Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. (**Brion LP** et al). Surgery and neurodevelopmental outcome of very low-birth-weight infants. JAMA Pediatr. 2014 Aug;168(8):746-54. PMID: 24934607 |
|  | Murthy K, Evans JR, Bhatia AM, Rothstein DH, Wadhawan R, Zaniletti I, Rao R, Thurm C, Mathur AM, Piazza AJ, Stein JE, Reber KM, Short BL, Padula MA, Durand DJ, Asselin JM, Pallotto EK, Dykes FD. (**Brion LP** et al). The association of type of surgical closure on length of stay among infants with gastroschisis born≥34 weeks' gestation. J Pediatr Surg. 2014 Aug;49(8):1220-5. doi: 10.1016/j.jpedsurg.2013.12.020. Epub 2014 Jan 2. PMID: 25092080. |
|  | Natarajan G, Shankaran S, Pappas A, Bann C, Tyson JE, McDonald S, Das A, Hintz S, Vohr B, Higgins R; Extended Hypothermia Subcommittee of the Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. (**Brion LP** et al). Functional status at 18 months of age as a predictor of childhood disability after neonatal hypoxic-ischemic encephalopathy. Dev Med Child Neurol. 2014 Nov;56(11):1052-8. doi: 10.1111/dmcn.12512. Epub 2014 Jun 24. PMID: 24957482; PMCID: PMC4324462. |
|  | Shankaran S, Laptook AR, Pappas A, McDonald SA, Das A, Tyson JE, Poindexter BB, Schibler K, Bell EF, Heyne RJ, Pedroza C, Bara R, Van Meurs KP, Grisby C, Huitema CM, Garg M, Ehrenkranz RA, Shepherd EG, Chalak LF, Hamrick SE, Khan AM, Reynolds AM, Laughon MM, Truog WE, Dysart KC, Carlo WA, Walsh MC, Watterberg KL, Higgins RD; Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. (**Brion LP** et al). Effect of depth and duration of cooling on deaths in the NICU among neonates with hypoxic ischemic encephalopathy: a randomized clinical trial. JAMA. 2014 Dec 24-31;312(24):2629-39. PMID: 25536254  |
|  | Sood BG, Keszler M, Garg M, Klein JM, Ohls R, Ambalavanan N, Cotten CM, Malian M, Sanchez PJ, Lakshminrusimha S, Nelin LD, Van Meurs KP, Bara R, Saha S, Das A, Wallace D, Higgins RD, Shankaran S; Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. (**Brion LP** et al). Inhaled PGE1 in neonates with hypoxemic respiratory failure: two pilot feasibility randomized clinical trials. Trials. 2014 Dec 12;15:486. PMID: 25496504 |
|  | Stevens TP, Finer NN, Carlo WA, Szilagyi PG, Phelps DL, Walsh MC, Gantz MG, Laptook AR, Yoder BA, Faix RG, Newman JE, Das A, Do BT, Schibler K, Rich W, Newman NS, Ehrenkranz RA, Peralta-Carcelen M, Vohr BR, Wilson-Costello DE, Yolton K, Heyne RJ, Evans PW, Vaucher YE, Adams-Chapman I, McGowan EC, Bodnar A, Pappas A, Hintz SR, Acarregui MJ, Fuller J, Goldstein RF, Bauer CR, O'Shea TM, Myers GJ, Higgins RD; SUPPORT Study Group of the Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. (**Brion LP** et al). Respiratory outcomes of the surfactant positive pressure and oximetry randomized trial (SUPPORT). J Pediatr. 2014 Aug;165(2):240-249. PMID: 24725582 |
|  | Ambalavanan N, Carlo WA, Wrage LA, Das A, Laughon M, Cotten CM, Kennedy KA, Laptook AR, Shankaran S, Walsh MC, Higgins RD; SUPPORT Study Group of the NICHD Neonatal Research Network. (**Brion LP** et al). PaCO2 in surfactant, positive pressure, and oxygenation randomised trial (SUPPORT). Arch Dis Child Fetal Neonatal Ed. 2015 Mar;100(2):F145-9. PMID: 25425651 |
|  | Davis AS, Gantz MG, Do B, Shankaran S, Hamrick SE, Kennedy KA, Tyson JE, Chalak LF, Laptook AR, Goldstein RF, Hintz SR, Das A, Higgins RD, Ball MB, Hale EC, Van Meurs KP; Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. (**Brion LP** et al). Serial aEEG recordings in a cohort of extremely preterm infants: feasibility and safety. J Perinatol. 2015 May;35(5):373-8. doi: 10.1038/jp.2014.217. Epub 2014 Dec 4. PMID: 25474559; PMCID: PMC4414657. |
|  | De Jesus LC, Sood BG, Shankaran S, Kendrick D, Das A, Bell EF, Stoll BJ, Laptook AR, Walsh MC, Carlo WA, Sanchez PJ, Van Meurs KP, Bara R, Hale EC, Newman NS, Ball MB, Higgins RD; Eunice Kennedy Shriver National Institute of Health and Human Development Neonatal Research Network. (**Brion LP** et al). Antenatal magnesium sulfate exposure and acute cardiorespiratory events in preterm infants. Am J Obstet Gynecol. 2015 Jan;212(1):94.e1-7. PMID: 25046806 |
|  | Fernandez E, Watterberg KL, Faix RG, Yoder BA, Walsh MC, Lacy CB, Osborne KA, Das A, Kendrick DE, Stoll BJ, Poindexter BB, Laptook AR, Kennedy KA, Schibler K, Bell EF, Van Meurs KP, Frantz ID 3rd, Goldberg RN, Shankaran S, Carlo WA, Ehrenkranz RA, Sánchez PJ, Higgins RD; Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. (**Brion LP** et al). Definitions of cardiovascular insufficiency and relation to outcomes in critically ill newborn infants. Am J Perinatol. 2015 Sep;32(11):1024-30. doi: 10.1055/s-0035-1547321. Epub 2015 Mar 31. PMID: 25825962; PMCID: PMC4689139. |
|  | Hoffman L, Bann C, Higgins R, Vohr B, and for the Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. (**Brion LP** et al). Developmental Outcomes of Extremely Preterm Infants Born to Adolescent Mothers. Pediatrics 2015; 135:1082-1092. PMID: 25963007 |
|  | Patel RM, Kandefer S, Walsh MC, Bell EF, Carlo WA, Laptook AR, Sánchez PJ, Shankaran S, Van Meurs KP, Ball MB, Hale EC, Newman NS, Das A, Higgins RD, Stoll BJ; Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. (**Brion LP** et al). Causes and timing of death in extremely premature infants from 2000 through 2011. N Engl J Med. 2015 Jan 22;372(4):331-40. PMID: 25607427 |
|  | Stoll BJ, Hansen NI, Bell EF, Walsh MC, Carlo WA, Shankaran S, Laptook AR, Sánchez PJ, Van Meurs KP, Wyckoff M, Das A, Hale EC, Ball MB, Newman NS, Schibler K, Poindexter BB, Kennedy KA, Cotten CM, Watterberg KL, D'Angio CT, DeMauro SB, Truog WE, Devaskar U, Higgins RD; Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. (**Brion LP** et al). Trends in Care Practices, Morbidity, and Mortality of Extremely Preterm Neonates, 1993-2012. JAMA. 2015 Sep 8;314(10):1039-51. PMID: 26348753 |
|  | Boghossian NS, Hansen NI, Bell EF, Brumbaugh JE, Stoll BJ, Laptook AR, Shankaran S, Wyckoff MH, Colaizy TT, Das A, Higgins RD; Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. (**Brion LP** et al). Outcomes of Extremely Preterm Infants Born to Insulin-Dependent Diabetic Mothers. Pediatrics. 2016 Jun;137(6):e20153424. doi: 10.1542/peds.2015-3424. Epub 2016 May 13. PMID: 27244849; PMCID: PMC4894251. |
|  | Massaro AN, Murthy K, Zaniletti I, Cook N, DiGeronimo R, Dizon ML, Hamrick SE, McKay VJ, Natarajan G, Rao R, Richardson T, Smith D, Mathur AM; Children's Hospital Neonatal Consortium. (**Brion LP** et al). Intercenter Cost Variation for Perinatal Hypoxic-Ischemic Encephalopathy in the Era of Therapeutic Hypothermia. J Pediatr. 2016 Jun;173:76-83.e1. doi: 10.1016/j.jpeds.2016.02.033. PMID: 26995699 |
|  | Navarrete CT, Wrage LA, Carlo WA, Walsh MC, Rich W, Gantz MG, Das A, Schibler K, Newman NS, Piazza AJ, Poindexter BB, Shankaran S, Sánchez PJ, Morris BH, Frantz ID 3rd, Van Meurs KP, Cotten CM, Ehrenkranz RA, Bell EF, Watterberg KL, Higgins RD, Duara S; Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. (**Brion LP** et al). Growth Outcomes of Preterm Infants Exposed to Different Oxygen Saturation Target Ranges from Birth. J Pediatr. 2016 Sep;176:62-68.e4. doi: 10.1016/j.jpeds.2016.05.070. Epub 2016 Jun 22. PMID: 27344218 |
|  | Pedroza C, Tyson JE, Das A, Laptook A, Bell EF, Shankaran S for the Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. (**Brion LP** et al). Advantages of Bayesian monitoring methods in deciding whether and when to stop a clinical trial: an example of a neonatal cooling trial. Trials 2016: 17: 1: 335. PMID: 27450203 PMCID: PMC4957277  |
|  | Wortham JM, Hansen NI, Schrag SJ, Hale E, Van Meurs K, Sánchez PJ, Cantey JB, Faix R, Poindexter B, Goldberg R, Bizzarro M, Frantz I, Das A, Benitz WE, Shane AL, Higgins R, Stoll BJ; Eunice Kennedy Shriver NICHD Neonatal Research Network. (**Brion LP** et al). Chorioamnionitis and Culture-Confirmed, Early-Onset Neonatal Infections. Pediatrics. 2016 Jan;137(1). PMID: 26719293 |
|  | Boghossian NS, Do BT, Bell EF, Dagle JM, Brumbaugh JE, Stoll BJ, Vohr BR, Das A, Shankaran S, Sanchez PJ, Wyckoff MH, Bethany Ball M; Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. (**Brion LP** et al). Efficacy of pharmacologic closure of patent ductus arteriosus in small-for-gestational-age extremely preterm infants. Early Hum Dev. 2017 Jul 8;113:10-17. doi: 10.1016/j.earlhumdev.2017.07.011. PMID: 28697406 |
|  | Greenberg RG, Kandefer S, Do BT, Smith PB, Stoll BJ, Bell EF, Carlo WA, Laptook AR, Sánchez PJ, Shankaran S, Van Meurs KP, Ball MB, Hale EC, Newman NS, Das A, Higgins RD, Cotten CM; Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. (**Brion LP** et al). Late-onset Sepsis in Extremely Premature Infants: 2000-2011. Pediatr Infect Dis J. 2017 Aug;36(8):774-779. doi: 10.1097/INF.0000000000001570. PMID: 28709162; PMCID: PMC5627954. |
|  | James J, Munson D, DeMauro SB, Langer JC, Dworetz AR, Natarajan G, Bidegain M, Fortney CA, Seabrook R, Vohr BR, Tyson JE, Bell EF, Poindexter BB, Shankaran S, Higgins RD, Das A, Stoll BJ, Kirpalani H; Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. (**Brion LP** et al). Outcomes of Preterm Infants following Discussions about Withdrawal or Withholding of Life Support. J Pediatr. 2017 Jun 21. pii: S0022-3476(17)30749-7. doi: 10.1016/j.jpeds.2017.05.056. PMID: 28647272 |
|  | Jensen EA, Dysart KC, Gantz MG, Carper B, Higgins RD, Keszler M, Laughon MM, Poindexter BB, Stoll BJ, Walsh MC, Schmidt B; Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. (**Brion LP** et al). Association between Use of Prophylactic Indomethacin and the Risk for Bronchopulmonary Dysplasia in Extremely Preterm Infants. J Pediatr. 2017 Feb 28. pii: S0022-3476(17)30188-9. doi: 10.1016/j.jpeds.2017.02.003. PMID: 28258737 |
|  | Laptook AR, Shankaran S, Tyson JE, Munoz B, Bell EF, Goldberg RN, Parikh NA, Ambalavanan N, Pedroza C, Pappas A, Das A, Chaudhary AS, Ehrenkranz RA, Hensman AM, Van Meurs KP, Chalak LF, Khan AM, Hamrick SEG, Sokol GM, Walsh MC, Poindexter BB, Faix RG, Watterberg KL, Frantz ID 3rd, Guillet R, Devaskar U, Truog WE, Chock VY, Wyckoff MH, McGowan EC, Carlton DP, Harmon HM, Brumbaugh JE, Cotten CM, Sánchez PJ, Hibbs AM, Higgins RD; Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. (**Brion LP** et al). Effect of Therapeutic Hypothermia Initiated After 6 Hours of Age on Death or Disability Among Newborns With Hypoxic-Ischemic Encephalopathy: A Randomized Clinical Trial. JAMA. 2017 Oct 24;318(16):1550-1560. doi: 10.1001/jama.2017.14972. Erratum in: JAMA. 2018 Mar 13;319(10 ):1051. Khan AM [added]. PMID: 29067428; PMCID: PMC5783566. |
|  | Puopolo KM, Mukhopadhyay S, Hansen NI, Cotten CM, Stoll BJ, Sanchez PJ, Bell EF, Das A, Hensman AM, Van Meurs KP, Wyckoff MH; NICHD Neonatal Research Network. (**Brion LP** et al). Identification of Extremely Premature Infants at Low Risk for Early-Onset Sepsis. Pediatrics. 2017 Nov;140(5):e20170925. doi: 10.1542/peds.2017-0925. Epub 2017 Oct 5. PMID: 28982710; PMCID: PMC5654397. |
|  | Younge N, Goldstein RF, Bann CM, Hintz SR, Patel RM, Smith PB, Bell EF, Rysavy MA, Duncan AF, Vohr BR, Das A, Goldberg RN, Higgins RD, Cotten CM; Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. (**Brion LP** et al). Survival and Neurodevelopmental Outcomes among Periviable Infants. N Engl J Med. 2017 Feb 16;376(7):617-628. doi: 10.1056/NEJMoa1605566. PMID: 28199816; PMCID: PMC5456289. |
|  | Adams-Chapman I, Heyne RJ, DeMauro SB, Duncan AF, Hintz SR, Pappas A, Vohr BR, McDonald SA, Das A, Newman JE, Higgins RD for the Follow-Up Study of the Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. (**Brion LP** et al). Neurodevelopmental Impairment Among Extremely Preterm Infants in the Neonatal Research Network. Pediatrics May 2018, 141 (5) e20173091; DOI: https://doi.org/10.1542/peds.2017-3091. PMID: 29666163 PMCID: PMC5914487 |
|  | Bajaj M, Natarajan G, Shankaran S, Wyckoff M, Laptook AR, Bell EF, Stoll BJ, Carlo WA, Vohr BR, Saha S, Van Meurs KP, Sanchez PJ, D'Angio CT, Higgins RD, Das A, Newman N, Walsh MC; Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. (**Brion LP** et al). Delivery Room Resuscitation and Short-Term Outcomes in Moderately Preterm Infants. J Pediatr. 2018 Jan 3. doi: 10.1016/j.jpeds.2017.11.039. PMID: 29306493 |
|  | Hintz, SR, Vohr BR, Bann CM, Taylor HG, Das A, Gustafson KE, Yolton K, Watson VE, Lowe J, De Anda ME, Ball MB, Finer NN, Van Meurs KP, Shankaran S, Pappas A, Barnes PD, Bulas D, Newman J E, Wilson-Costello, DE, Heyne RJ. (**Brion LP** et al). Preterm neuroimaging and school-age cognitive outcomes. Pediatrics. 2018; 142, 1, e20174058. PMID: 29945955 PMCID: PMC6128951 |
|  | Laptook AR, Bell EF, Shankaran S, Boghossian NS, Wyckoff MH, Kandefer S, Walsh M, Saha S, Higgins R; Generic and Moderate Preterm Subcommittees of the NICHD Neonatal Research Network. (**Brion LP** et al). Admission Temperature and Associated Mortality and Morbidity among Moderately and Extremely Preterm Infants. J Pediatr. 2018 Jan;192:53-59.e2. doi: 10.1016/j.jpeds.2017.09.021. PMID: 29246358 |
|  | Meyers JM, Tan S, Bell EF, Duncan AF, Guillet R, Stoll BJ, D'Angio CT; Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. (**Brion LP** et al). Neurodevelopmental outcomes among extremely premature infants with linear growth restriction. J Perinatol. 2018 Oct 23. doi: 10.1038/s41372-018-0259-8. [Epub ahead of print]. PMID: 30353080 |
|  | Mink R, Schwartz A, Carraccio C, High P, Dammann C, McGann KA, Kesselheim J, Herman B, and the Steering Committee of the Subspecialty Pediatrics Investigator Network. (**Brion LP** et al). Creating the Subspecialty Pediatrics Investigator Network. The Journal of Pediatrics, 2018: 192, Jan, 3–4.e2. PMID: 29246355 |
|  | Mink RB, Schwartz A, Herman BE, et al; the Steering Committee of the Subspecialty Pediatrics Investigator Network (SPIN). (**Brion LP** et al). Validity of Level of Supervision Scales for Assessing Pediatric Fellows on the Common Pediatric Subspecialty Entrustable Professional Activities. Acad Med. 2018 Feb;93(2):283-291. PMID: 28700462 |
|  | Natarajan G, Shankaran S, Saha S, Laptook A, Das A, Higgins R, Stoll BJ, Bell EF, Carlo WA, D'Angio C, DeMauro SB, Sanchez P, Van Meurs K, Vohr B, Newman N, Hale E, Walsh M; Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. (**Brion LP** et al). Antecedents and Outcomes of Abnormal Cranial Imaging in Moderately Preterm Infants. J Pediatr. 2018 Apr;195:66-72.e3. doi: 10.1016/j.jpeds.2017.11.036. Epub 2018 Feb 1. PMID: 29395186 |
|  | Pappas A, Adams-Chapman I, Shankaran S, McDonald SA, Stoll BJ, Laptook AR, Carlo, WA, Van Meurs KP, Hintz SR, Carlson MD, Brumbaugh JE, Walsh MC,Wyckoff MH, Das A, Higgins RD, Caplan, MS, Polin RA, Keszler M, Oh W, Vohr BR (**Brion LP** et al). Neurodevelopmental and behavioral outcomes in extremely premature neonates with ventriculomegaly in the absence of periventricular-intraventricular hemorrhage. JAMA Pediatrics. 2018; 172, 1, p. 32-42. PMID: 29181530 |
|  | Sarkar S, Shankaran S, Barks J, Do BT, Laptook AR, Das A, Ambalavanan N, Van Meurs KP, Bell EF, Sanchez PJ, Hintz SR, Wyckoff MH, Stoll BJ, Carlo WA; Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. (**Brion LP** et al). Outcome of Preterm Infants with Transient Cystic Periventricular Leukomalacia on Serial Cranial Imaging Up to Term Equivalent Age. J Pediatr. 2018 Apr;195:59-65.e3. doi: 10.1016/j.jpeds.2017.12.010. Epub 2018 Feb 2. PMID: 29398046 |
|  | Travers CP, Carlo WA, McDonald SA, Das A, Bell EF, Ambalavanan N, Jobe AH, Goldberg RN, D'Angio CT, Stoll BJ, Shankaran S, Laptook AR, Schmidt B, Walsh MC, Sánchez PJ, Ball MB, Hale EC, Newman NS, Higgins RD; Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. (**Brion LP** et al). Mortality and pulmonary outcomes of extremely preterm infants exposed to antenatal corticosteroids. Am J Obstet Gynecol. 2018 Jan;218(1):130.e1-130.e13. doi: 10.1016/j.ajog.2017.11.554. Epub 2017 Nov 11. PMID: 29138031; PMCID: PMC5842434. |
|  | Vohr BR, Heyne R, Bann CM, Das A, Higgins RD, Hintz SR; Eunice Kennedy Shriver National Institute of Child Health, and Development Neonatal Research Network. (**Brion LP** et al). Extreme Preterm Infant Rates of Overweight and Obesity at School Age in the SUPPORT Neuroimaging and Neurodevelopmental Outcomes Cohort. J Pediatr. 2018 Sep;200:132-139.e3. doi: 10.1016/j.jpeds.2018.04.073. PMID: 29793869 |
|  | Brumbaugh JE, Hansen NI, Bell EF, Sridhar A, Carlo WA, Hintz SR, Vohr BR, Colaizy TT, Duncan AF, Wyckoff MH, Baack ML, Rysavy MA, DeMauro SB, Stoll BJ, Das A, Higgins RD: for the National Institute of Child Health and Human Development Neonatal Research Network. (**Brion LP** et al). Outcomes of Extremely Preterm Infants With BirthWeight Less Than 400 g. JAMA Pediatrics. Published online March 25, 2019. doi:10.1001/jamapediatrics. 2019.0180. PMID: 30907941 |
|  | Edwards L, Cotten CM, Smith PB, Goldberg R, Saha S, Das A, Laptook AR, Stoll BJ, Bell EF, Carlo WA, D'Angio CT, DeMauro SB, Sanchez PJ, Shankaran S, Van Meurs KP, Vohr BR, Walsh MC, Malcolm WF; Eunice Kennedy Shriver National Institute of Child Health and Human Development. (**Brion LP** et al). Inadequate oral feeding as a barrier to discharge in moderately preterm infants. J Perinatol. 2019 Sep;39(9):1219-1228. doi: 10.1038/s41372-019-0422-x. Epub 2019 Jul 11. PMID: 31296918; PMCID: PMC7246972. |
|  | Foglia EE, Carper B, Gantz M, DeMauro SB, Lakshminrusimha S, Walsh M, Schmidt B; Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. (**Brion LP** et al). Association between Policy Changes for Oxygen Saturation Alarm Settings and Neonatal Morbidity and Mortality in Infants Born Very Preterm. J Pediatr. 2019 Apr 5. pii: S0022-3476(19)30138-6. doi: 10.1016/j.jpeds.2019.01.048. [Epub ahead of print]. PMID: 30961990 |
|  | Greenberg RG, Chowdhury D, Hansen NI, Smith PB, Stoll BJ, Sánchez PJ, Das A, Puopolo KM, Mukhopadhyay S, Higgins RD, Cotten CM; Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. (**Brion LP** et al). Prolonged duration of early antibiotic therapy in extremely premature infants. Pediatr Res. 2019 Jun;85(7):994-1000. doi: 10.1038/s41390-019-0300-4. Epub 2019 Jan 22. PMID: 30737489; PMCID: PMC6531328. |
|  | McGowan EC, Laptook AR, Lowe J, Peralta-Carcelen M, Chowdhury D, Higgins RD, Hintz SR, Vohr BR; Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. (**Brion LP et al**). Developmental Outcomes of Extremely Preterm Infants with a Need for Child Protective Services Supervision. J Pediatr. 2019 Dec;215:41-49.e4. doi: 10.1016/j.jpeds.2019.07.063. PMID: 31500860 |
|  | Natarajan G, Shankaran S, Nolen TL, Sridhar A, Kennedy KA, Hintz SR, Phelps DL, DeMauro SB, Carlo WA, Gantz MG, Das A, Greenberg RG, Younge NE, Bliss JM, Seabrook R, Sánchez PJ, Wyckoff MH, Bell EF, Vohr BR, Higgins RD. (**Brion LP et al**). Neurodevelopmental Outcomes of Preterm Infants With Retinopathy of Prematurity by Treatment. Pediatrics. 2019 Aug;144(2):e20183537. doi: 10.1542/peds.2018-3537. Epub 2019 Jul 23. PMID: 31337693; PMCID: PMC6855825. |
|  | Pavageau P, **Brion LP,** Rosenfeld CR, Brown LS, Ramaciotti C, Burchfield PJ, Jaleel MA. Decrease in Frequency of Treatment for Patent Ductus Arteriosus after Implementation of Consensus Guidelines: A 15-Year Experience. J Perinatol. 2019 Jul 23. doi: 10.1038/s41372-019-0432-8. PMID: 31337852 |
|  | Shankaran S, Bell EF, Laptook AR, Saha S, Newman NS, Kazzi SNJ, Barks J, Stoll BJ, Bara R, Gabrio J, Childs K, Das A, Higgins RD, Carlo WA, Sánchez PJ, Carlton DP, Pavageau L, Malcolm WF, D'Angio CT, Ohls RK, Poindexter BB, Sokol GM, Van Meurs KP, Colaizy TT, Khmour A, Puopolo KM, Garg M, Walsh MC; Eunice Kennedy Shriver National Institute of Child Health, and Human Development Neonatal Research Network. (**Brion LP** et al). Weaning of Moderately Preterm Infants from the Incubator to the Crib: A Randomized Clinical Trial. J Pediatr. 2019 Jan;204:96-102. PMID: 30337189 |
|  | Yanowitz TD, Sullivan KM, Piazza AJ, Brozanski B, Zaniletti I, Sharma J, DiGeronimo R, Nayak SP, Wadhawan R, Reber KM, Murthy K; CHND Surgical NEC Focus Group. (**Brion LP** et al). Does the initial surgery for necrotizing enterocolitis matter? Comparative outcomes for laparotomy vs. peritoneal drain as initial surgery for necrotizing enterocolitis in infants <1000 g birth weight. J Pediatr Surg. 2019 Apr;54(4):712-717. doi: 10.1016/j.jpedsurg.2018.12.010. Epub 2019 Jan 19. PMID: 30765157. |
|  | Brumbaugh JE, Bell EF, Grey SF, DeMauro SB, Vohr BR, Harmon HM, Bann CM, Rysavy MA, Logan JW, Colaizy TT, Peralta-Carcelen MA, McGowan EC, Duncan AF, Stoll BJ, Das A, Hintz SR, Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. (**Brion LP** et al). Behavior Profiles at 2 Years for Children Born Extremely Preterm With Bronchopulmonary Dysplasia. J Pediatr 2020 Apr;219:152-159 [Online ahead of print]. PMID: 32008764. DOI: 10.1016/j.jpeds.2019.12.028 |
|  | Dworetz AR, Natarajan G, Langer J, Kinlaw K, James JR, Bidegain M, Das A, Poindexter B, Bell EF, Cotten CM, Kirpalani H, Shankaran S, Stoll BJ; Eunice Kennedy Shriver National Institute of Child Health; Human Development Neonatal Research Network. (**Brion LP** et al).Withholding or withdrawing life-sustaining treatment in extremely low gestational age neonates. Arch Dis Child Fetal Neonatal Ed. 2020 Oct 20:fetalneonatal-2020-318855. doi: 10.1136/archdischild-2020-318855. Online ahead of print. PMID: 33082153 |
|  | Harmon HH, Jensen EA, Tan S, Chaudhary AS, Slaughter JL, Bell EF, Wyckoff MH, Hensman AM, Sokol GM, DeMauro SB, Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. (**Brion LP** et al). Timing of Postnatal Steroids for Bronchopulmonary Dysplasia: Association With Pulmonary and Neurodevelopmental Outcomes. J Perinatol 2020; 40(4):616-627. PMID: 32020038 DOI: 10.1038/s41372-020-0594-4 |
|  | Kirpalani H, Bell EF, Hintz SR, Tan S, Schmidt B, Chaudhary AS, Johnson KJ, Crawford MM, Newman JE, Vohr BR, Carlo WA, D'Angio CT, Kennedy KA, Ohls RK, Poindexter BB, Schibler K, Whyte RK, Widness JA, Zupancic JAF, Wyckoff MH, Truog WE, Walsh MC, Chock VY, Laptook AR, Sokol GM, Yoder BA, Patel RM, Cotten CM, Carmen MF, Devaskar U, Chawla S, Seabrook R, Higgins RD, Das A; Eunice Kennedy Shriver NICHD Neonatal Research Network. (**Brion LP** et al). Higher or Lower Hemoglobin Transfusion Thresholds for Preterm Infants. N Engl J Med. 2020 Dec 31;383(27):2639-2651. doi: 10.1056/NEJMoa2020248.PMID: 33382931 |
|  | Kumbhat N, Eggleston B, Davis AS, Van Meurs KP, DeMauro SB, Foglia EE, Lakshminrusimha S, Walsh MC, Watterberg KL, Wyckoff MH, Das A, Handley SC; Generic Database Subcommittee of the NICHD Neonatal Research Network; undefined. (**Brion LP** et al). Placental transfusion and short-term outcomes among extremely preterm infants. Arch Dis Child Fetal Neonatal Ed. 2020 Jul 30:fetalneonatal-2019-318710. doi: 10.1136/archdischild-2019-318710. Epub ahead of print. PMID: 32732380. |
|  | Mukhopadhyay S, Puopolo KM, Hansen NI, Lorch SA, DeMauro SB, Greenberg RG, Cotten CM, Sánchez PJ, Bell EF, Eichenwald EC, Stoll BJ; Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. (**Brion LP** et al). Impact of Early-Onset Sepsis and Antibiotic Use on Death or Survival with Neurodevelopmental Impairment at 2 Years of Age among Extremely Preterm Infants. J Pediatr. 2020 Jun;221:39-46.e5. doi: 10.1016/j.jpeds.2020.02.038. PMID: 32446491; PMCID: PMC7248124. |
|  | Rao R, Lee KS, Zaniletti I, Yanowitz TD, DiGeronimo R, Dizon MLV, Hamrick SE, Natarajan G, Peeples ES, Murthy K, Mathur AM, Massaro A. (**Brion LP** et al). Antimicrobial therapy utilization in neonates with hypoxic-ischemic encephalopathy (HIE): a report from the Children's Hospital Neonatal Database (CHND). J Perinatol. 2020 Jan;40(1):70-78. doi: 10.1038/s41372-019-0527-2. Epub 2019 Oct 14. PMID: 31611619. |
|  | Stoll BJ, Puopolo KM, Hansen NI, Sánchez PJ, Bell EF, Carlo WA, Cotten CM, D'Angio CT, Kazzi SNJ, Poindexter BB, Van Meurs KP, Hale EC, Collins MV, Das A, Baker CJ, Wyckoff MH, Yoder BA, Watterberg KL, Walsh MC, Devaskar U, Laptook AR, Sokol GM, Schrag SJ, Higgins RD; and the Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. (**Brion LP** et al). Early-Onset Neonatal Sepsis 2015 to 2017, the Rise of Escherichia coli, and the Need for Novel Prevention Strategies. JAMA Pediatr. 2020 May 4:e200593. doi: 10.1001/jamapediatrics.2020.0593. Epub ahead of print. PMID: 32364598; PMCID: PMC7199167. |
|  | Travers CP, Carlo WA, McDonald SA, Das A, Ambalavanan N, Bell EF, Sánchez PJ, Stoll BJ, Wyckoff MH, Laptook AR, Van Meurs KP, Goldberg RN, D'Angio CT, Shankaran S, DeMauro SB, Walsh MC, Peralta-Carcelen M, Collins MV, Ball MB, Hale EC, Newman NS, Profit J, Gould JB, Lorch SA, Bann CM, Bidegain M, Higgins RD; Generic Database and Follow-up Subcommittees of the Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. (**Brion LP** et al). Racial/Ethnic Disparities Among Extremely Preterm Infants in the United States From 2002 to 2016. JAMA Netw Open. 2020 Jun 1;3(6): e206757. doi: 10.1001/jamanetworkopen.2020.6757. PMID: 32520359; PMCID: PMC7287569. |
|  | Adams-Chapman I, Watterberg KL, Nolen TL, Hirsch S, Cole CA, Cotten CM, Oh W, Poindexter BB, Zaterka-Baxter KM, Das A, Lacy CB, Scorsone AM, Duncan AF, DeMauro SB, Goldstein RF, Colaizy TT, Wilson-Costello DE, Purdy IB, Hintz SR, Heyne RJ, Myers GJ, Fuller J, Merhar S, Harmon HM, Peralta-Carcelen M, Kilbride HW, Maitre NL, Vohr BR, Natarajan G, Mintz-Hittner H, Quinn GE, Wallace DK, Olson RJ, Orge FH, Tsui I, Gaynon M, Hutchinson AK, He YG, Winter TW, Yang MB, Haider KM, Cogen MS, Hug D, Bremer DL, Donahue JP, Lucas WR, Phelps DL, Higgins RD; Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. (**Brion LP** et al). Neurodevelopmental outcome of preterm infants enrolled in myo-inositol randomized controlled trial. J Perinatol. 2021 Mar 23. doi: 10.1038/s41372-021-01018-5. Online ahead of print. PMID: 33758387 |
|  | Agarwal P, Natarajan G, Sullivan K, Rao R, Rintoul N, Zaniletti I, Keene S, Mietzsch U, Massaro AN, Billimoria Z, Dirnberger D, Hamrick S, Seabrook RB, Weems MF, Cleary JP, Gray BW, DiGeronimo R; Children’s Hospital Neonatal Consortium (CHNC) ECMO and HIE focus groups. (**Brion LP** et al). Venovenous versus venoarterial extracorporeal membrane oxygenation among infants with hypoxic-ischemic encephalopathy: is there a difference in outcome? J Perinatol. 2021 May 19. doi: 10.1038/s41372-021-01089-4. Epub ahead of print. PMID: 34012056Bottom of Form |
|  | Blakely ML, Tyson JE, Lally KP, Hintz SR, Eggleston B, Stevenson DK, Besner GE, Das A, Ohls RK, Truog WE, Nelin LD, Poindexter BB, Pedroza C, Walsh MC, Stoll BJ, Geller R, Kennedy KA, Dimmitt RA, Carlo WA, Cotten CM, Laptook AR, Van Meurs KP, Calkins KL, Sokol GM, Sanchez PJ, Wyckoff MH, Patel RM, Frantz ID 3rd, Shankaran S, D'Angio CT, Yoder BA, Bell EF, Watterberg KL, Martin CA, Harmon CM, Rice H, Kurkchubasche AG, Sylvester K, Dunn JCY, Markel TA, Diesen DL, Bhatia AM, Flake A, Chwals WJ, Brown R, Bass KD, St Peter SD, Shanti CM, Pegoli W Jr, Skarda D, Shilyansky J, Lemon DG, Mosquera RA, Peralta-Carcelen M, Goldstein RF, Vohr BR, Purdy IB, Hines AC, Maitre NL, Heyne RJ, DeMauro SB, McGowan EC, Yolton K, Kilbride HW, Natarajan G, Yost K, Winter S, Colaizy TT, Laughon MM, Lakshminrusimha S, Higgins RD; Eunice Kennedy Shriver National Institute of Child Health, Human Development Neonatal Research Network. (**Brion LP** et al). Initial Laparotomy Versus Peritoneal Drainage in Extremely Low Birthweight Infants With Surgical Necrotizing Enterocolitis or Isolated Intestinal Perforation: A Multicenter Randomized Clinical Trial. Ann Surg. 2021 Oct 1;274(4):e370-e380. doi: 10.1097/SLA.0000000000005099. PMID: 34506326; PMCID: PMC8439547. |
|  | Chalak LF, Pappas A, Tan S, Das A, Sánchez PJ, Laptook AR, Van Meurs KP, Shankaran S, Bell EF, Davis AS, Heyne RJ, Pedroza C, Poindexter BB, Schibler K, Tyson JE, Ball MB, Bara R, Grisby C, Sokol GM, D'Angio CT, Hamrick SEG, Dysart KC, Cotten CM, Truog WE, Watterberg KL, Timan CJ, Garg M, Carlo WA, Higgins RD; Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. (**Brion LP** et al). Association of Increased Seizures During Rewarming With Abnormal Neurodevelopmental Outcomes at 2-Year Follow-up: A Nested Multisite Cohort Study. JAMA Neurol. 2021 Oct 18. doi: 10.1001/jamaneurol.2021.3723. Epub ahead of print. PMID: 34661629. |
|  | Chalak LF, Pappas A, Tan S, Das A, Sánchez PJ, Laptook AR, Van Meurs KP, Shankaran S, Bell EF, Davis AS, Heyne RJ, Pedroza C, Poindexter BB, Schibler K, Tyson JE, Ball MB, Bara R, Grisby C, Sokol GM, D'Angio CT, Hamrick SEG, Dysart KC, Cotten CM, Truog WE, Watterberg KL, Timan CJ, Garg M, Carlo WA, Higgins RD; Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. (**Brion LP** et al). Association Between Increased Seizures During Rewarming After Hypothermia for Neonatal Hypoxic Ischemic Encephalopathy and Abnormal Neurodevelopmental Outcomes at 2-Year Follow-up: A Nested Multisite Cohort Study. JAMA Neurol. 2021 Dec 1;78(12):1484-1493. doi: 10.1001/jamaneurol.2021.3723. PMID: 34882200. |
|  | Chawla S, Laptook AR, Smith EA, Tan S, Natarajan G, Wyckoff MH, Ambalavanan N, Bell EF, Van Meurs KP, Stevenson DK, Werner EF, Greenberg RG, Das A, Shankaran S; Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD) Neonatal Research Network. (**Brion LP** et al). In-hospital mortality and morbidity among extremely preterm infants in relation to maternal body mass index. J Perinatol. 2021 May;41(5):1014-1024. doi: 10.1038/s41372-020-00847-0. Epub 2020 Oct 6. PMID: 33024258; PMCID: PMC8021608. |
|  | Dworetz AR, Natarajan G, Langer J, Kinlaw K, James JR, Bidegain M, Das A, Poindexter B, Bell EF, Cotten CM, Kirpalani H, Shankaran S, Stoll BJ; Eunice Kennedy Shriver National Institute of Child Health; Human Development Neonatal Research Network. (**Brion LP** et al). Withholding or withdrawing life-sustaining treatment in extremely low gestational age neonates. Arch Dis Child Fetal Neonatal Ed. 2021 May;106(3):238-243. doi: 10.1136/archdischild-2020-318855. Epub 2020 Oct 20. PMID: 33082153; PMCID: PMC8055718. |
|  | Kumbhat N, Eggleston B, Davis AS, DeMauro SB, Van Meurs KP, Foglia EE, Lakshminrusimha S, Walsh MC, Watterberg KL, Wyckoff MH, Das A, Handley SC; Generic Database Subcommittee of the National Institute of Child Health and Human Development Neonatal Research Network. (**Brion LP** et al). Umbilical Cord Milking vs Delayed Cord Clamping and Associations with In-Hospital Outcomes among Extremely Premature Infants. J Pediatr. 2021 Jan 5:S0022-3476(20)31582-1. doi: 10.1016/j.jpeds.2020.12.072. Online ahead of print. PMID: 33417919 |
|  | Kumbhat N, Eggleston B, Davis AS, Van Meurs KP, DeMauro SB, Foglia EE, Lakshminrusimha S, Walsh MC, Watterberg KL, Wyckoff MH, Das A, Handley SC; Generic Database Subcommittee of the NICHD Neonatal Research Network (**Brion LP** et al). Placental transfusion and short-term outcomes among extremely preterm infants. Arch Dis Child Fetal Neonatal Ed. 2021 Jan;106(1):62-68. doi: 10.1136/archdischild-2019-318710. Epub 2020 Jul 30. PMID: 32732380; PMCID: PMC7736256. |
|  | Laptook AR, Shankaran S, Barnes P, Rollins N, Do BT, Parikh NA, Hamrick S, Hintz SR, Tyson JE, Bell EF, Ambalavanan N, Goldberg RN, Pappas A, Huitema C, Pedroza C, Chaudhary AS, Hensman AM, Das A, Wyckoff M, Khan A, Walsh MC, Watterberg KL, Faix R, Truog W, Guillet R, Sokol GM, Poindexter BB, Higgins RD; Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. (**Brion LP** et al). Limitations of Conventional Magnetic Resonance Imaging as a Predictor of Death or Disability Following Neonatal Hypoxic-Ischemic Encephalopathy in the Late Hypothermia Trial. J Pediatr. 2021 Mar;230:106-111.e6. doi: 10.1016/j.jpeds.2020.11.015. Epub 2020 Nov 13. PMID: 33189747; PMCID: PMC7914162. |
|  | Mukhopadhyay S, Puopolo KM, Hansen NI, Lorch SA, DeMauro SB, Greenberg RG, Cotten CM, Sanchez PJ, Bell EF, Eichenwald EC, Stoll BJ; NICHD Neonatal Research Network. (**Brion LP** et al). Neurodevelopmental outcomes following neonatal late-onset sepsis and blood culture-negative conditions. Arch Dis Child Fetal Neonatal Ed. 2021 Sep;106(5):467-473. doi: 10.1136/archdischild-2020-320664. Epub 2021 Jan 21. PMID: 33478957; PMCID: PMC8292446. |
|  | Vohr BR, McGowan EC, Bann C, Das A, Higgins R, Hintz S; Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. (**Brion LP** et al). Association of High Screen-Time Use With School-age Cognitive, Executive Function, and Behavior Outcomes in Extremely Preterm Children. JAMA Pediatr. 2021 Jul 12. doi: 10.1001/jamapediatrics.2021.2041. Epub ahead of print. PMID: 34251406. |
|  | Bell EF, Hintz SR, Hansen NI, Bann CM, Wyckoff MH, DeMauro SB, Walsh MC, Vohr BR, Stoll BJ, Carlo WA, Van Meurs KP, Rysavy MA, Patel RM, Merhar SL, Sánchez PJ, Laptook AR, Hibbs AM, Cotten CM, D'Angio CT, Winter S, Fuller J, Das A; Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network (**Brion LP** et al). Mortality, In-Hospital Morbidity, Care Practices, and 2-Year Outcomes for Extremely Preterm Infants in the US, 2013-2018.JAMA. 2022 Jan 18;327(3):248-263. doi: 10.1001/jama.2021.23580. PMID: 35040888 |
|  | Bouey NJ, Saha S, Wilson-Costello DE, Rysavy MA, Walsh M, Wyckoff MH, Hibbs AM. (**Brion LP** et al). Delayed-interval delivery in multiple gestation pregnancies: neonatal mortality, morbidity, and development. J Perinatol. 2022 Dec;42(12):1607-1614. doi: 10.1038/s41372-022-01462-x. Epub 2022 Jul 29. PMID: 35906282; PMCID: PMC9722514. |
|  | Brumbaugh JE, Bell EF, Do BT, Greenberg RG, Stoll BJ, DeMauro SB, Harmon HM, Hintz SR, Das A, Puopolo KM; Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. (**Brion LP** et al). Incidence of and Neurodevelopmental Outcomes After Late-Onset Meningitis Among Children Born Extremely Preterm. JAMA Netw Open. 2022 Dec 1;5(12):e2245826. doi: 10.1001/jamanetworkopen.2022.45826. PMID: 36480199. |
|  | Chawla S, Wyckoff MH, Rysavy MA, Patel RM, Chowdhury D, Natarajan G, Laptook AR, Lakshminrusimha S, Bell EF, Shankaran S, Van Meurs KP, Ambalavanan N, Greenberg RG, Younge N, Werner EF, Das A, Carlo WA; Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. (**Brion LP** et al). Association of Antenatal Steroid Exposure at 21 to 22 Weeks of Gestation With Neonatal Survival and Survival Without Morbidities. JAMA Netw Open. 2022 Sep 1;5(9):e2233331. doi: 10.1001/jamanetworkopen.2022.33331. PMID: 36156145. |
|  | Gentle SJ, Carper B, Laughon MM, Jensen EA, Williams A, Travers CP, Ambalavanan N, Lal CV, Carlo WA; NICHD Neonatal Research Network (**Brion LP** et al). Duration of noninvasive respiratory support and risk for bronchopulmonary dysplasia or death. J Perinatol. 2022 Jan 15. doi: 10.1038/s41372-021-01269-2. Online ahead of print. PMID: 35034096 |
|  | Puopolo KM, Mukhopadhyay S, Hansen NI, Flannery DD, Greenberg RG, Sanchez PJ, Bell EF, DeMauro SB, Wyckoff MH, Eichenwald EC, Stoll BJ. Group B Streptococcus Infection in Extremely Preterm Neonates and Neurodevelopmental Outcomes at 2 Years. (**Brion LP** et al). Clin Infect Dis. 2022 Oct 12;75(8):1405-1415. doi: 10.1093/cid/ciac222. PMID: 35323895; PMCID: PMC9555845. |
|  | Shane AL, Hansen NI, Moallem M, Wyckoff MH, Sánchez PJ, Stoll BJ; Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. (**Brion LP** et al). Surgery-Associated Infections among Infants Born Extremely Preterm. J Pediatr. 2022 Jan;240:58-65.e6. doi: 10.1016/j.jpeds.2021.08.064. Epub 2021 Aug 27. PMID: 34461060; PMCID: PMC8712381. |
|  | Travers CP, Hansen NI, Das A, Rysavy MA, Bell EF, Ambalavanan N, Peralta-Carcelen M, Tita AT, Van Meurs KP, Carlo WA; Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. (**Brion LP** et al). Potential missed opportunities for antenatal corticosteroid exposure and outcomes among periviable births: observational cohort study. BJOG. 2022 May 24:10.1111/1471-0528.17230. doi: 10.1111/1471-0528.17230. Epub ahead of print. PMID: 35611472; PMCID: PMC9684347. |
|  | Watterberg KL, Walsh MC, Li L, Chawla S, D'Angio CT, Goldberg RN, Hintz SR, Laughon MM, Yoder BA, Kennedy KA, McDavid GE, Backstrom-Lacy C, Das A, Crawford MM, Keszler M, Sokol GM, Poindexter BB, Ambalavanan N, Hibbs AM, Truog WE, Schmidt B, Wyckoff MH, Khan AM, Garg M, Chess PR, Reynolds AM, Moallem M, Bell EF, Meyer LR, Patel RM, Van Meurs KP, Cotten CM, McGowan EC, Hines AC, Merhar S, Peralta-Carcelen M, Wilson-Costello DE, Kilbride HW, DeMauro SB, Heyne RJ, Mosquera RA, Natarajan G, Purdy IB, Lowe JR, Maitre NL, Harmon HM, Hogden LA, Adams-Chapman I, Winter S, Malcolm WF, Higgins RD; Eunice Kennedy Shriver NICHD Neonatal Research Network. (**Brion LP** et al). Hydrocortisone to Improve Survival without Bronchopulmonary Dysplasia. N Engl J Med. 2022 Mar 24;386(12):1121-1131. doi: 10.1056/NEJMoa2114897. PMID: 35320643. |
|  | Brumbaugh JE, Vohr BR, Bell EF, Bann CM, Travers CP, McGowan EC, Harmon HM, Carlo WA, Duncan AF, Hintz SR; Eunice Kennedy Shriver NICHD Neonatal Research Network. (**Brion LP** et al). Early-Life Outcomes in Relation to Social Determinants of Health for Children Born Extremely Preterm. J Pediatr. 2023 Apr 25:113443. doi: 10.1016/j.jpeds.2023.113443. Epub ahead of print. PMID: 37105408. |
|  | Chock VY, Kirpalani H, Bell EF, Tan S, Hintz SR, Ball MB, Smith E, Das A, Loggins YC, Sood BG, Chalak LF, Wyckoff MH, Kicklighter SD, Kennedy KA, Patel RM, Carlo WA, Johnson KJ, Watterberg KL, Sánchez PJ, Laptook AR, Seabrook RB, Cotten CM, Mancini T, Sokol GM, Ohls RK, Hibbs AM, Poindexter BB, Reynolds AM, DeMauro SB, Chawla S, Baserga M, Walsh MC, Higgins RD, Van Meurs KP; Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. (**Brion LP** et al). Tissue Oxygenation Changes After Transfusion and Outcomes in Preterm Infants: A Secondary Near-Infrared Spectroscopy Study of the Transfusion of Prematures Randomized Clinical Trial (TOP NIRS). JAMA Netw Open. 2023 Sep 5;6(9):e2334889. doi: 10.1001/jamanetworkopen.2023.34889. PMID: 37733345. |
|  | Gentle SJ, Rysavy MA, Li L, Laughon MM, Patel RM, Jensen EA, Hintz S, Ambalavanan N, Carlo WA, Watterberg K; National Institute of Child Health and Human Development Neonatal Research Network. (**Brion LP** et al). Heterogeneity of Treatment Effects of Hydrocortisone by Risk of Bronchopulmonary Dysplasia or Death Among Extremely Preterm Infants in the National Institute of Child Health and Human Development Neonatal Research Network Trial: A Secondary Analysis of a Randomized Clinical Trial. JAMA Netw Open. 2023 May 1;6(5):e2315315. doi: 10.1001/jamanetworkopen.2023.15315. PMID: 37256621. |
|  | Green CE, Tyson JE, Heyne RJ, Hintz SR, Vohr BR, Bann CM, Das A, Bell EF, Debsareea SB, Stephens E, Gantz MG, Petrie Huitema CM, Johnson KJ, Watterberg KL, Mosquera R, Peralta-Carcelen M, Wilson-Costello DE, Colaizy TT, Maitre NL, Merhar SL, Adams-Chapman I, Fuller J, Hartley-McAndrew ME, Malcolm WF, Winter S, Duncan AF, Myer GJ, Kicklighter SD, Wyckoff MH, DeMauro SB, Hibbs AM, Stoll BJ, Carlo WA, Van Meurs KP, Rysavy MA, Patel RM, Sánchez PJ, Laptook AR, Cotten CM, D'Angio CT, Walsh MC; Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. (**Brion LP** et al). Use of term reference infants in assessing the developmental outcome of extremely preterm infants: lessons learned in a multicenter study. J Perinatol. 2023 Aug 4. doi: 10.1038/s41372-023-01729-x. Epub ahead of print. PMID: 37542155. |
|  | Handley SC, Kumbhat N, Eggleston B, Foglia EE, Davis AS, Van Meurs K, Lakshminrusimha S, Walsh M, Watterberg KL, Wyckoff MH, Das A, DeMauro SB. (**Brion LP** et al). Exposure to umbilical cord management approaches and death or neurodevelopmental impairment at 22-26 months' corrected age after extremely preterm birth. Arch Dis Child Fetal Neonatal Ed. 2023 May;108(3):224-231. doi: 10.1136/archdischild-2022-324565. Epub 2022 Oct 17. PMID: 36253076; PMCID: PMC10108713. |
|  | Hudak ML, Flannery DD, Barnette K, Getzlaff T, Gautam S, Dhudasia MB, Mukhopadhyay S, Pfeifer MR, Ellington SR, Galang RR, Snead MC, Woodworth KR, Zapata LB, Puopolo KM; AMERICAN ACADEMY OF PEDIATRICS NPC-19 REGISTRY INVESTIGATORS. (**Brion LP** et al). Maternal and Newborn Hospital Outcomes of Perinatal SARS-CoV-2 Infection: A National Registry. Pediatrics. 2023 Feb 1;151(2):e2022059595. doi: 10.1542/peds.2022-059595. PMID: 36995183. |
|  | Jensen EA, Wiener LE, Rysavy MA, Dysart KC, Gantz MG, Eichenwald EC, Greenberg RG, Harmon HM, Laughon MM, Watterberg KL, Walsh MC, Yoder BA, Lorch SA, DeMauro SB; Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. (**Brion LP** et al). Assessment of Corticosteroid Therapy and Death or Disability According to Pretreatment Risk of Death or Bronchopulmonary Dysplasia in Extremely Preterm Infants. JAMA Netw Open. 2023 May 1;6(5):e2312277. doi: 10.1001/jamanetworkopen.2023.12277. PMID: 37155165Bottom of Form. |
|  | Kole-White MB, Saha S, Werner EF, Chawla S, Keszler M, McGowan EC, Wyckoff MH, Laptook AR; Generic Database Subcommittee of the Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. (**Brion LP** et al). Maternal hypertensive disorders and survival without major morbidities among extremely low gestation newborns. J Perinatol. 2023 Apr;43(4):430-436. doi: 10.1038/s41372-023-01631-6. Epub 2023 Feb 22. PMID: 36813902; PMCID: PMC10107366. |
|  | Lowe J, Fuller JF, Dempsey AG, Do B, Bann CM, Das A, Gustafson KE, Vohr BR, Hintz SR, Watterberg KL; SUPPORT NEURO School-Age Study Subcommittee of the Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. (**Brion LP** et al). Cortisol awakening response and developmental outcomes at 6-7 years in children born extremely preterm. Pediatr Res. 2023 Feb;93(3):689-695. doi: 10.1038/s41390-022-02113-9. Epub 2022 Jun 17.PMID: 35715492  |
|  | Mink RB, Carraccio CL, Herman BE, Weiss P, Turner DA, Stafford DEJ, McGann KA, Kesselheim J, Hsu DC, High PC, Fussell JJ, Curran ML, Chess PR, Sauer C, Pitts S, Myers AL, Mahan JD, Dammann CEL, Aye T, Schwartz A; Subspecialty Pediatrics Investigator Network. (**Brion LP** et al). Relationship between epa level of supervision with their associated subcompetency milestone levels in pediatric fellow assessment. BMC Med Educ. 2023 Oct 3;23(1):720. doi: 10.1186/s12909-023-04689-0. PMID: 37789289; PMCID: PMC10548580. |
|  | Quinones Cardona V, Rao R, Zaniletti I, Joe P, Johnson YR, DiGeronimo R, Hamrick SE, Lee KS, Mietzsch U, Natarajan G, Peeples ES, Wu TW, Hossain T, Flibotte J, Chandel A, Distler A, Shenberger JS, Oghifobibi O, Massaro AN, Dizon MLV; Children’s Hospitals Neonatal Consortium. (**Brion LP** et al). Association of Hospital Resource Utilization With Neurodevelopmental Outcomes in Neonates With Hypoxic-Ischemic Encephalopathy. JAMA Netw Open. 2023 Mar 1;6(3):e233770. doi: 10.1001/jamanetworkopen.2023.3770. PMID: 36943267. |
|  | Sewell EK, Shankaran S, McDonald SA, Hamrick S, Wusthoff CJ, Adams-Chapman I, Chalak LF, Davis AS, Van Meurs K, Das A, Maitre N, Laptook A, Patel RM; National Institute of Child Health and Human Development Neonatal Research Network. (**Brion LP** et al). Antiseizure medication at discharge in infants with hypoxic-ischaemic encephalopathy: an observational study. Arch Dis Child Fetal Neonatal Ed. 2023 Jul;108(4):421-428. doi: 10.1136/archdischild-2022-324612. Epub 2023 Feb 2. PMID: 36732048; PMCID: PMC10293046. |

Reviews, Chapters, Monographs and Editorials

|  |  |
| --- | --- |
|  | **Brion L.** *Altérations tensionelles, hydrominérales et rénales chez le nouveau-né asphyxié*. (Blood pressure, fluid & electrolytes and kidney changes secondary to neonatal asphyxia). *Thesis, Special Bachelor's Degree in Pediatrics*, Université Libre de Bruxelles. Presses Universitaires de Bruxelles, Brussels, Belgium, 5/7/81 |
|  | **Brion L**, Fleischman AR. *Renal function in the fetus and immature infant.* In: Report to the Committee on fetal extrauterine survivability. New York State Task Force on Life and the Law, November 1986 |
|  | Schwartz GJ, **Brion LP,** Spitzer A. *The use of plasma creatinine concentration for estimating glomerular filtration rate in infants, children and adolescents*. Pediatr Clin N Amer 34:579-90, 1987. PMID: 3588043 |
|  | Kresch MJ, **Brion LP**, Fleischman AR. Delivery room management of meconium stained neonates. J Perinatol 1991;11:46-8. PMID: 2037890 |
|  | **Brion LP**, Goyal M, Suresh BR. Sudden deterioration of intubated newborn: 4 steps to the differential diagnosis. J Perinatol 1992;12:281-93. PMID: 1432288 |
|  | **Brion LP.** Nasopharyngeal suction. Pediatrics in Review 1992; 13:237-8 |
|  | **Brion LP.** Parenteral glucose for low birth weight infants. Pediatrics in Review 1993; 14:238-9 |
|  | **Brion LP**. Diaphragmatic hernia. Pediatrics in Review 1993; 14:431-2 |
|  | **Brion LP**, Satlin LM, Edelmann CM Jr. *Renal disease.* In: MacDonald MG. Neonatology: Pathophysiology and Management of the Newborn. JB Lippincott Company, Philadelphia. Fourth Edition, pp 792-886, 1994 |
|  | **Brion LP**, Bernstein J, Spitzer A. *Kidney and urinary tract*, in: AA Fanaroff, RJ Martin: Neonatal-Perinatal Medicine, Mosby, St Louis, MO. Sixth Edition, pp 1564-636, 1997  |
|  | **Brion LP**, Satlin LM. *Clinical significance of developmental renal physiology*, in: RA Polin, WW Fox: Fetal and Neonatal Physiology. Saunders, Philadelphia, PA. Second Edition, pp 1677-91, 1998 |
|  | **Brion LP**, Satlin LM, Edelmann CM Jr. *Renal disease*. in: MacDonald MG.: Neonatology: Pathophysiology and Management of the Newborn. JB Lippincott Company, Philadelphia. Fifth Edition, pp 887-973, 1999 |
|  | **Brion LP.** Sudden deterioration of the newborn infant: II. Diagnosis-based approach in the intensive care unit. J Perinatol 1999;19:294-304. PMID: 10685242 |
|  | Cammer WB, **Brion LP**. *Carbonic anhydrases in the nervous system*, in: WR Chegwidden, ND Carter, YH Edwards. The carbonic anhydrases: New Horizons. Birkhäuser Verlag, Basel. EXS (Experimentia Supplementum) 2000; 90:475-89. PMID: 11268531 |
|  | **Brion LP,** Yong SC, Perez IA, Primhak RA. Diuretics and chronic lung disease of prematurity. J Perinatology 2001;21:269-71. PMID: 11536017 |
|  | **Brion LP**, Bell EF, Raghuveer TS, Soghier LM. What is the appropriate intravenous dose of vitamin E for very low birth weight infants? J Perinatol, 2004; 24:205-7. PMID: 15067295 |
|  | Nafday S, **Brion LP**, Benchimol C, Satlin LM, Flynn J, Edelmann CM Jr. *Renal disease*. In: MacDonald MG, Mullett MD, Seshia MMK. Avery’s Neonatology: Pathophysiology and Management of the Newborn. JB Lippincott Company, Philadelphia. Sixth Edition, pp 981-1065, 2005 |
|  | Soghier LM, **Brion LP**. Multivariate analysis of hyperglycemia in the extremely low birth weight infants. J Perinatol, 2006:26; 723-5. PMID: 17122784 |
|  | **Brion LP.** Volatile organic compounds in the air of neonatal incubators. J Perinatol, 2008; 28(8):521-2. PMID: 18668109  |
|  | **Brion LP**, Neu J, Adamkin D, Bancalari E, Cummings J, Guttentag S, Juul S, Norwood VF, Ryan RM. Resident duty hour restriction: Is less really more? J Pediatr, 2009; 154:631-2. PMID: 19364553 |
|  | **Brion LP**. *Neonatal jaundice in the term and near term infant.*in: TK McInerny, HM Adam, DE Campbell, DM Kamat, KJ Kelleher, eds. American Academy of Pediatrics Textbook of Pediatric Care. Elk Grove Village, IL: American Academy of Pediatrics, pp 892-902, 2008 |
|  | Stewart LA, **Brion LP**. Routine Use of Diuretics in Very Low Birth Weight Infants Without Supportive Evidence. J Perinatology, 2011; 31:633-4. PMID: 21956150 |
|  | Kapadia VS, **Brion LP.** *Neonatal jaundice.* In: 1. Campbell DE. Neonatology for Primary Care, Elk Grove Village, IL: American Academy of Pediatrics. 20142. McInerny T, Adam HM, Campbell DE, Foy JM, Kamat, DM, and DeWitt TG, eds. AAP Textbook of Pediatric Care, 2nd Ed. Elk Grove Village, IL: American Academy of Pediatrics. 2016  |
|  | Nafday SM, Woda CB, Saland JM, Flynn JT, Askenzi D, Benchimol C, **Brion LP**. *Renal disease.* In: MacDonald MG, Mullett MD, Seshia MMK. Avery’s Neonatology: Pathophysiology and Management of the Newborn. JB Lippincott Company, Philadelphia, PA. Seventh Edition, pp750-805, 2016 |
|  | Johnson KA, Maple BB, **Brion LP.** *Neonatal jaundice.* In: Campbell DE. Neonatology for Primary Care, Elk Grove Village, IL: American Academy of Pediatrics, 2nd edition, pp 565-594, 2020  |
|  | Nafday SM, Woda CB, Saland JM, Flynn JT, Askenazi D, **Brion LP**. *Renal disease.* In: MacDonald MG, Mullett MD, Seshia MMK. Avery’s Neonatology: Pathophysiology and Management of the Newborn. JB Lippincott Company, Philadelphia, PA. 8th Edition, 2021 |
|  | Watterberg KL, Carlo WA, **Brion LP**, Cotten CM, Higgins RD. Overview of the neonatal research network: History, contributions, challenges, and future. Semin Perinatol. 2022 Jun 10:151634. doi: 10.1016/j.semperi.2022.151634. Epub ahead of print. PMID: 35786518. |
|  | Ramachandran S, Foglia EE, DeMauro SB, Chawla S, **Brion LP**, Wyckoff MH. Perinatal management: Lessons learned from the neonatal research network. Semin Perinatol. 2022 Jun 10:151636. doi: 10.1016/j.semperi.2022.151636. Epub ahead of print. PMID: 35835614. |
|  | Angelis D, Jaleel MA, **Brion LP**. Hyperglycemia and prematurity: a narrative review. Pediatric Research 2023 Apr 29. doi: 10.1038/s41390-023-02628-9. Epub ahead of print. PMID: 37120652.  |

Case Reports

|  |  |
| --- | --- |
|  | **Brion L**, Dupont M, Fondu P, Rutsaert J. Sickle cell anemia and venous thrombosis. Acta Paediatr Belg 1978; 31:241-4. PMID: 742363 |
|  | **Brion L**, Courtoy M, Bachelart D, Szliwowski H, Heenen M, Dickstein M, Tondeur M. Mucocutaneous lymph node syndrome with necrotic pharyngitis. Eur J Pediatr 1980; 135:111-6. PMID: 7449783 |
|  | **Brion L**, Alexander S, Clercx A, Avni FE, Kirkpatrick C, Vermeylen D, Detemmerman D, Pardou A. Fatal ureaplasma in the second twin born 60 days after delivery of the first in a patient with recurrent spontaneous abortion. A case report. J Perinat Med 1986;19:201-4. PMID: 3783390 |
|  | **Brion LP**, Goolaerts JP, Avni FE, Ardichvili D, Tondeur M. Intraabdominal cystic lymphangioma in a newborn infant. Case report and review of the literature. Eur J Pediatr 1988; 147:553-6. PMID: 3044799 |
|  | Suresh BR, Rios A, **Brion LP**, Weinberg G, Kresch MJ. Delayed onset right sided diaphragmatic hernia secondary to group B streptococcal infection. Pediatr Infect Dis J 1991;10:166-8. PMID: 2062614 |
|  | Schwartz GJ, **Brion LP**, Corey HE, Dorfman HD. Case report 668. Early radiologic diagnosis of carbonic anhydrase II deficiency syndrome (Osteopetrosis associated with renal tubular acidosis and cerebral calcification). Skeletal Radiol 1991;20:447-52. PMID: 1925679 |
|  | Rios A, Goyal M, Kresch MJ, Rao SB**, Brion LP**. Magnetic resonance imaging in full-term infants with repetitive focal seizures. J Perinatol 1992;12:252-6. PMID: 1432283 |
|  | Chhabra RS, Suresh BR, Weinberg G, Marion R, **Brion LP**. Duodenal atresia presenting as hematemesis in a premature infant with Down syndrome. Case report and review of the literature. J Perinatol 1992;12:25-7. PMID: 1532826 |
|  | **Brion LP**, Kerr A, Weinberg G, Goldman H. Umbilical venous catheter retrieval under fluoroscopy in a very low birthweight infant. Am J Perinatol 1998;15:93-5. PMID: 9514132 |
|  | Leung JC, Mann S, Salafia C, **Brion LP**. Sacrococcygeal teratoma with vascular placental dissemination. Obstet Gynecol 1999;93:856. PMID: 10912432 |
|  | Aref K, Boctor FN, Pande S, Uelinger J, Manning F, Eglowstein M, Mallozzi A, Bebbington M, Weinberg G, Rosen O, Raab C, **Brion LP**. Successful perinatal management of hydrops fetalis due to hemolytic disease associated with D maternal phenotype. J Perinatol 2002;22:66-78. PMID: 12478452 |
|  | Shanske A, Pande S, Aref K, Vega-Rich C, **Brion L**, Reznik S, Timor-Tritsch IE. Omphalocele-exstrophy-imperforate anus-spinal defects (OEIS) in triplet pregnancy after IVF and CVS. Birth Defects Research (Part A) 2003;67:467-71. PMID: 12962293 |
|  | Lal CV, Mir IN, Kelley E, Weprin BE, Sengupta AL, Booth TN, **Brion LP**. Hypomagnesemia Secondary to Cerebrospinal Fluid Losses in a Patient with Congenital Hydrocephalus. J Perinatology. 2014; 34, 640–641. PMID:25073495 |
|  | Sen SK, Mayor R, Engle WD, Blumenschein SD, **Brion LP**. Index of suspicion. Hyperbilirubinemia without jaundice in a neonate. NeoReview 2015:16: e497-498 |
|  | Weydig HM, Veltkamp D, Kakkilaya V, Stumpf K, Waber LJ, **Brion LP**. Index of Suspicion in the Nursery: Progressive lethargy in a four-day-old term infant. NeoReviews, 2015; 11: e1-e2 |
|  | Ibrahim J, Pavageau L, Miller J, Timmons C, Wickiser J, Piper H, Dariya V, **Brion LP**. A large prenatally undiagnosed mass in a preterm infant, what could it be? NeoReviews 2018;19: e413-417 |
|  | Short KL, Zagory J, Joglar J, Bautista L, **Brion LP**, Ali N. Presumed Aspiration Pneumonia in a Term Newborn Infant. Neoreviews. 2022 Jul 1;23(7):e501-e503. doi: 10.1542/neo.23-7-e501. PMID: 35773511. |
|  | Chokshi RK, Cheng A, Ferrante L, Machie M, Scheuerle AE, Veltkamp D, **Brion LP**. Neonatal Encephalopathy with Hiccups and an Updated Diagnostic Approach. Neoreviews. 2023 Nov 1;24(11):e741-e743. doi: 10.1542/neo.24-11-e741. PMID: 37907401. |
|  | Kalvacherla V, Mir IN, Gattineni J, **Brion LP.** Prolonged Hyponatremia due to syndrome of inappropriate secretion of antidiuretic hormone in a preterm infant. J Clin Images Med Rep 2023;4(8):2541. doi: 10.52768/2766-7820/2541. |

Letters to the Editor

|  |  |
| --- | --- |
|  | Fondu P, **Brion L**. Etiology of iliofemoral thrombosis. J Pediatr 1977; 95:493. PMID: 469686 |
|  | **Brion L**, Schwartz GJ. A simple estimate of glomerular filtration rate in full term infants. J Pediatr 1985; 106:346 |
|  | Schwartz GJ, **Brion L.** A simple estimate of glomerular filtration rate in full term infants. J Pediatr 1985; 106:347 |
|  | **Brion L**, Avni FE. Clinical estimation of liver size in newborn infants. Pediatr 1985; 75: 127-8. PMID: 3966036  |
|  | Weinberg G, **Brion LP**, Vega-Rich CR. Dangers of arterial catheters in critically ill neonates. Pediatr 1990; 85:627-8. PMID: 2314986 |
|  | Ryan RM, **Brion LP**, Aucott SW, Juul SE, Parker TA, Savich RD, Dukhovny D, Cummings JJ, Guttentag SH, LaGamma EF, Price WA, Campbell DE. Organization of Neonatal Training Program Directors Council responds to the GME 2010 Proposed Standards. J Perinatol. 2011;31(4):296-7. PMID: 21448184  |
|  | Jaleel M, Smithhart W, **Brion LP.** Comment re: Delivery room continuous positive pressure and pneumothorax. Pediatrics, 10/25/2019 |
|  | **Brion LP**. Aerosolization and SARS-COV-2. Comment re Alvaro Coronado Munoz, Upulie Nawaratne, David McMann, Misti Ellsworth, Jon Meliones, Konstantinos Boukas. Late-Onset Neonatal Sepsis in a Patient With Covid-19. NEJM 04/23/20 |
|  | **Brion LP,** Chan CS, Adhikari EH.Comment on evidence for and against vertical transmission for SARS-CoV-2 (COVID-19). Am J Obstet Gynecol, 2020, Aug 12:S0002-9378(20)30850-4. doi: 10.1016/j.ajog.2020.08.022. Online ahead of print. PMID: 32800823  |
|  | **Brion LP,** Heyne R, Lair CS. Re: Zinc Levels in Neonatal Life Influence Long-Term Neurodevelopment. *J Perinatol* 2021, DOI: 10.1038/s41372-021-01013-w |
|  | Saoud R, Locke D, Fry JT, Matoba N, Datta A, DiGeronimo R, Leuthner SR, Coghill CH, Natarajan G, Niehaus JZ, Schlegel AB, Weiner J, Dereddy N, Shah A, Sullivan KM; Children’s Hospitals Neonatal Consortium (CHNC). (**Brion LP et al**). Withdrawal of artificial nutrition and hydration: a survey of level IV neonatal intensive care units. J Perinatol. 2021 Sep;41(9):2372-2374. doi: 10.1038/s41372-021-01011-y. Epub 2021 Mar 23. PMID: 33758396. |

 Non-peer reviewed scientific or medical publications/materials in print or other media

|  |  |
| --- | --- |
|  | **Brion LP.** Review of: Primary care of the newborn, Edited by Henry M. Seidel, Beryl J. Rosenstein, and Ambadas Pathak, Mosby, Year Book, 1993. J Perinatol 13:257, 1993 |
|  | **Brion LP.** ACGME Duty Hour Challenges. April 2010. AAP, ONTPD Council Corner, <http://www.aap.org/sections/perinatal/ONTPDfiles/AprilCorner.pdf> |

Proceedings of Meetings

|  |  |
| --- | --- |
|  | Pardou A, **Brion L**. Diète semi-élémentaire et prématurés. (Semi-elemental diet and preterm infants). Oral presentation at XIèmes Journées Nationales de Néonatologie, Paris, France, 5/29-31/81. Progrès en Néonatologie 1981; 1:125-6. (ed) Karger S. |

 Abstracts accepted for presentations at scientific meetings

|  |  |
| --- | --- |
|  | **Brion L**, Ureel D, Fondu P. Syndrôme d' Imerslund-Gräsbeck. Oral presentation at Réunion de la Société belge de Pédiatrie, Brussels, Belgium, 1/23/77 |
|  | **Brion L**, Heenen M, Courtoy M, Bachelart D, Szliwowski H, Tondeur M. Mucocutaneous lymph node syndrome. Oral presentation at Réunion de la Société belge de Pédiatrie, Brussels, 10/7/78 |
|  | **Brion L**, Pardou A, DeDoncker A, Tondeur M, Szliwowski H. Tomographie axiale néonatale. Indications et résultats dans 22 observations. (Head CT scan in newborn infants. Indications and results in 22 cases). Oral presentation at 5ème Réunion de la Soc. de Neurologie infantile, Estoril, Portugal, 10/58/79 |
|  | **Brion L**, Kahn A, Becchoff C, Fondu P, Heuse A. Intoxication aiguë au benzène chez l'enfant. (Acute benzene intoxication in a child). Oral presentation at Journées annuelles de Pédiatrie, Société belge de Pédiatrie, Brussels, 3/21-22/80 |
|  | Szliwowski H, **Brion L,** Pardou S, Tondeur M. Asphyxia, neonatal seizures and cerebral palsy. Oral presentation at International Cerebral Palsy Soc, Brussels, 11/28-29/80 |
|  | Avni EF, **Brion L.** L'échographie (B scan) chez le nouveau-né. (Ultrasonography in neonates). Oral presentation at Société belge de Radiologie, Brussels, 2/14/81 |
|  | Avni FE, **Brion L.** Dépistage des pathologies rénales et périrénales chez le nouveau-né "à risques" par les ultrasons. (Ultrasonographic screening for renal and abdominal abnormalities in "at risk" neonates). Oral presentation at Journées annuelles de Pédiatrie, Société belge de Pédiatrie, Brussels, 3/27-28/81 |
|  | Pardou A, **Brion L.** Diète semi-élémentaire et prématurés. (Semi-elemental diet and preterm infants). a. Oral presentation at Journées annuelles de Pédiatrie, Société belge de Pédiatrie, Brussels, 3/27-28/81a. Oral presentation at XIèmes Journées Nationales de Néonatologie, Paris, France, 5/29-31/81.  |
|  | Pardou A, **Brion L**. Croissance et réponse métabolique observées chez des prématurés alimentés par le lait de leur mère ou par diète semiélémentaire. (Growth and metabolic response of preterm infants fed their own mother's breast milk or a semi-elemental diet)a. Oral presentation at Journées annuelles de Pédiatrie, Société belge de Pédiatrie, Liège, Belgium, 3/26-27/82b. Presented at 2nd International Symposium on Infant Nutrition & the Development of the Gastrointestinal Tract, Niagara Falls, Canada, 6/21-25/82c. Presented at 8th European Congress of Perinatal Medicine, Brussels, 9/7-9/82d. Presented at 4th Congress of the European Soc of Parenteral & Enteral Nutrition, Brussels, 1982 |
|  | Avni EF, **Brion L**, Rodesch F, Rondia G, Schoutens A, Schulman CC. Antenatal and perinatal diagnosis of urinary malformations: Practical therapeutic attitude. Oral presentation at International Congress on Pediatric Urology, Firenze, Italy, 9/6-10/83 |
|  | **Brion L**, Fleischman AR, McCarton C, Schwartz GJ. Non invasive assessment of muscle mass in infancy. Comparison of low birth weight and normal birth weight infants.a. Poster presentation at 3rd International Symposium on Infant Nutrition & Gastrointestinal Diseases, Brussels, 8/25-30/85b. Poster presentation at SPR, Washington, DC, 5/86. Pediatr Res 1985; 20:405A |
|  | **Brion LP**, Schwartz JH, Lachman HM, Alexander EA, Schwartz GJ. H+ transport in cultured inner medullary collecting duct (IMCD) cells. Kidney Int 1988;33:398A. Oral presentation at Am Soc Nephrol, Washington, DC, 12/15/87 |
|  | **Brion LP**, Schwartz JH, Schwartz GJ. Maturation of H+ transport in cultured inner medullary collecting cells.a. Oral presentation at 13th Annual Scientific Program, New York Perinatal Society, NY, NY, 4/27/88b. Oral presentation at Joint APS/SPRAFCR/ASCI/AAP session, Washington, DC, 5/2/88 Clin Res 1988; 36:782A; Pediatr Res 1988;23:532A |
|  | **Brion LP**, Schwartz JH, Schwartz GJ. H+ transport in cultured inner medullary collecting duct cells. Poster presentation at 4th International Congress of Cell Biology, Montreal, Canada, 8/18/88a. **Brion LP**, Schwartz JH, Schwartz GJ. H+ transport in cultured inner medullary collecting duct cells. Clin Res 1988;36:810A. Oral presentation at Joint AFCR (Eastern Section)-ESPR session, NY, NY, 10/8/88b. **Brion LP**, Schwartz JH, Schwartz GJ. Development of proton pump in cultured inner medullary collecting duct cells vs. mitotic activity. Oral presentation at Fifth Annual Greater NY Conference on Perinatal Research, Glen Cove, NY, 11/10/88c. **Brion LP**, Schwartz JH, Schwartz GJ. H+ transport in cultured inner medullary collecting duct cells. Kidney Int 1989;35:451A. Oral presentation at Am Soc Nephrol, San Antonio, TX, 12/13/88 |
|  | **Brion LP**, Schwartz JH, Schwartz GJ. Differentiation of cultured inner medullary collecting duct cells is associated with increased affinity for peanut lectin. Pediatr Res 1989;25:336A and Clin Res 1989;37:826A. Oral presentation at Joint APS/SPRAFCR/ASCI/AAP session, Washington, DC, 5/1/89 |
|  | Rosen O, **Brion LP**, Zavilowitz BJ, Schwartz GJ. Renal response to metabolic acidosis: carbonic anhydrase activity. Pediatr Res 1989;25:347A. Oral presentation at SPR, Washington, DC, 5/3/89 |
|  | **a. Brion LP**, Rosen O, Zavilowitz BJ, Schwartz GJ. The adaptation to acid loading in the rabbit includes an increase in renal and blood carbonic anhydrase activity. Clin Res 1989;37:867A. Oral presentation at Joint AFCR (Eastern Section) ESPR session, NY, NY, 9/23/89b. **Brion LP**, Rosen O, Zavilowitz BJ, Schwartz GJ. Acid loading of rabbits induces an increase in renal and blood carbonic anhydrase (CA) activity. Kidney Int 1990;37: 533A. Oral presentation at Am Soc Nephrol, Washington, DC, 12/3/89 |
|  | **Brion LP**, Zavilowitz BJ, Schwartz GJ. Maturation of carbonic anhydrase (CA) activity in rabbit kidney homogenates and response to metabolic acidosis. Pediatr Res 1990;27:325A. Oral presentation at SPR, Anaheim, CA, 5/10/90 |
|  | Goyal M, Reinersman G, **Brion LP**. Evolution of pulmonary function in normal newborn infants during the first days of life a. Oral presentation at NY Perinatal Society, NY, NY, 4/26/90b. Clin Res 1990;38:789A. Oral presentation at ESPR, NY, NY, 10/20/90 |
|  | **Brion LP**, VegaRich C, Reinersman G, Roth P. Low dose doxapram (D) facilitates weaning very low birth weight infants (VLBWI) with aminophylline (A) refractory apnea from positive pressure. Pediatr Res 1990;27:199A. Poster presentation at SPR, Anaheim, CA, 5/8/90 |
|  | **Brion LP**, Rai B, Manuli M, Glaser J, Pavlov H, Kresch MJ. Long bone changes as a sign of active congenital syphilis in asymptomatic newborn infants. Clin Res 1990;38:789A. Oral presentation at ESPR, NY, NY, 10/20/90 |
|  | a.Chhabra RS, **Brion LP**, Castro M, Glaser JH. Comparison of the sensitivity of neonatal and maternal serology for detecting presumptive congenital syphilis. Clin Res 1991;39:679A. Oral presentation at ESPR, NY, NY, 10/5/91c. Chhabra RS, **Brion LP**, Castro M, Freundlich L, Glaser JH. Sensitivity of cord blood serology for detecting presumptive congenital syphilis. Relationship with maternal treatment. Pediatr Res 1992;31:274A. Poster presentation at SPR, Baltimore, MD, 5/6/92 |
|  | a. **Brion LP**, Zavilowitz BJ, Suarez C, Schwartz GJ. Chronic metabolic acidosis (CMA) induces carbonic anhydrase (CA) activity in rabbit proximal convoluted tubule (PCT) and outer medullary collecting duct (OMCD). J Am Soc Nephrol 1991;2:696A. Oral presentation at Am Soc Nephrol, Baltimore, MD, 11/17/91b. **Brion LP**, Zavilowitz BJ, Suarez C, Schwartz GJ. Chronic ammonium chloride loading (CAL) in the rabbit induces carbonic anhydrase (CA) activity in the proximal convoluted tubule (PCT) and the outer medullary collecting duct (OMCD). Pediatr Res 1992;31:329A, and Clin Res 1992;40:387A. Oral presentation at Joint APS/SPRAAP/ ASCI/AFCR session, and SPR, Baltimore, MD, 5/4 & 5/5/92 |
|  | Goyal M, Suresh BR, Reinersman G, Gewolb IH, **Brion LP**. Variability, reproducibility and changes of pulmonary function tests (PFT) in normal newborn infants during the first three days of life. Pediatr Res 1992;31:309A. Poster presentation at SPR, Baltimore, MD, 5/6/92 |
|  | **Brion LP**, Zavilowitz BJ, Suarez C, Schwartz GJ. Effect of chronic ammonium chloride loading (CAL) on membrane-bound carbonic anhydrase (CA IV) and soluble CA (CA II) activity in isolated segments of the rabbit nephron. J Amer Soc Nephrol 1992;3:774. Oral presentation at: Am Soc Nephrol, Baltimore, MD, 11/17/92 |
|  | Matsumoto T, **Brion LP**, Schwartz GJ. Lineage of the intercalated cell: expression of acid-base related proteins in the mesonephros. J Amer Soc Nephrol 1992;3:782. Oral presentation at: Am Soc Nephrol, Baltimore, MD, 11/17/92 |
|  | Suarez M, Blanco B, **Brion LP**, Schulman M, Calvelli TA, Devash Y, Rubinstein A, Goldstein H. A rapid blood test for the detection of human immunodeficiency virus1 (HIV1) antibodies in cord blood. Pediatr Res 1992;31: 271A. Oral presentation at SPR, Baltimore, 5/7/92 |
|  | Rios A, **Brion LP**. Repetitive focal or unilateral seizures (FUS) as a sign of focal central nervous system lesions in full-term (FT) newborn infants. Clin Res 1992;40:662A. Poster presentation at: ESPR, NY, NY, 10/9/92 |
|  | Suresh BR, **Brion LP**, Goyal M, Fleischman AR. Changes in pulmonary mechanics in low birth weight infants (LBWI) with chronic lung disease (CLD) in response to a single dose of aerosolized furosemide (AF). Clin Res 1992;40:661A. Oral presentation at: ESPR, NY, NY, 10/9/92 |
|  | Rios A, **Brion LP**, Fleischman AR. Factors affecting humidity of inspired gas in neonatal ventilation. Pediatr Res 1993;33:342A. Poster presentation at: Joint Session AAP/ASCI/ SPR, Washington, DC, 5/5/93 |
|  | Gonzalez MT, Sherwood J, **Brion LP**, Schulman M.a. Erythropoietin (EPO) levels during theophylline treatment in low birthweight (LBW) infants. Pediatr Res 1993;33:212A. Poster presentation at: SPR, Washington, DC, 5/6/93b. The effect of theophylline treatment on erythropoietin (EPO) levels in low birthweight (LBW) infants. Oral presentation at: NY Perinatal Society, NY, NY, 6/2/93 |
|  | Lesser E, Chhabra R, **Brion LP**, Suresh BR. Use of midline catheters (MLC) in low birthweight (LBW) infants. Clinical Res 1993;41:604A. Oral presentation at: ESPR, NY, NY, 10/7/1993 |
|  | **Brion LP**, Cammer W, Suarez C, Schuster V. Carbonic anhydrase (CA) IV activi­ty is induced in the renal cortex and the brain of CA II deficient [CA(II)D] mice. Pediatr Res 1993;33:353A and Clin Res 1993;41:330A. Oral presentation at: Joint Session AAP/ASCI/SPR, Washington, DC, 5/3/93 |
|  | **Brion LP**, Cammer W, Satlin LM, Zavilowitz B, Suarez C, Schuster VL. Induction of carbonic anhydrase (CA) IV in the proximal convoluted tubule (PCT) from CA II-deficient [CA(II)D] mice. J Am Soc Nephrol 1993;4:834A. Poster presentation at: Am Soc Nephrol, Boston, MA, 11/14/93 |
|  | Canton JC, Rios A, **Brion LP**, Legatt AD, Moshé SL. Focal EEG abnormalities in full term newborns are associated with focal lesions. Electroencephal Clin Neurophysiol 1994;91:60. Oral presentation at: Am Electroencephalographic Soc, New Orleans, LA, 10/11/93 |
|  | Garcia O, Reichberg S, **Brion LP**, Schulman M. Topical anesthesia with EMLA during percutaneous line insertion in very low birth weight infants. Pediatr Res 1995;37:205A. Poster presentation at: SPR, San Diego, CA, 5/9/95 |
|  | **Brion LP**, Schuster VL. Cloning of a novel type of carbonic anhydrase (CA) IV; evidence for the existence of 3 types of CA IV isozymes with specific tissue expression. J Am Soc Nephrol 1995;6:306A. Poster presentation at Am Soc Nephrol, San Diego, CA, 11/7/95 |
|  | **Brion LP**, Suarez C, Schuster VL. Differential regulation of carbonic anhydrase (CA) isozymes by tumor necrosis factor (TNF) alpha in cultured human proximal convoluted tubule (PCT) cells. J Am Soc Nephrol 1995;6:655A. Poster presentation at: Am Soc Nephrol, San Diego, CA, 11/6/95 |
|  | **Brion LP**, Clark R, Suarez C, Won W, Saenger P. Mild to moderate chronic metabolic acidosis (CMA) in the mouse is associated with low serum levels of growth hormone (GH). Pediatr Res 1996;39:85A. Poster symposium presenta­tion at: SPR, Washington, DC, 5/8/96 |
|  | Kim E, **Brion LP**, Meenan G, Lehrer M, Suresh BR. Perinatal toxicology screening: comparison of various maternal and neonatal samples. a. Oral presentation at ESPR, New Brunswick, NJ, 1/24/96b. Pediatr Res 1996;39:221A. Oral presentation at: SPR, Washington, DC, 5/8/96c. Oral presentation at: New York Perinatal Society, NY, NY, 5/20/96 |
|  | Russell BK, Aviles M, **Brion LP.** Breastfeeding and comprehensive counseling in a municipal hospital. Poster presentation at: First Annual International Meeting Academy of Breastfeeding Medicine, Rochester, NY, 10/11/96 |
|  | a. Jandziszak K, Suarez C, Saenger P, **Brion LP**. Longterm administration of recombinant growth hormone (rGH) improves growth in carbonic anhydrase II deficient (CAD) mice despite chronic metabolic acidosis (CMA). Pediatr Res 1997;41:68A. Poster symposium presentation at: SPR, Washington, DC, 5/5/97b. Jandziszak K, Saenger P, Hintz R, **Brion LP**. Mechanisms of growth failure in mice with moderate chronic metabolic acidosis (CMA) and response to recombinant growth hormone (rGH). Poster presentation at: 5th Joint Meeting of the European Soc for Pediatr Endocrinol and the Lawson Wilkins Pediatr Endocrine Soc, Stockholm, Sweden, 6/22-26/97c. Jandziszak K, Saenger P, Hintz R, **Brion LP**. Mechanisms of growth failure in mice with moderate chronic metabolic acidosis and response to recombinant growth hormone. Oral presentation at Young Investigators Research Symposium, Montefiore Med Ctr, 1/12/98  |
|  | Fofah O, Karmen A, Piscitelli J, **Brion LP**. Prediction of peak vancomycin levels from trough values in newborn infants. a. Oral presentation at Mead Johnson Nutritionals Greater NY Conference on Perinatal Research, Hauppauge, NY, 11/7/97 b. J Investig Med 1998;46:189A. Oral presentation at ESPR, Absecon, NJ, 3/1/98  |
|  | Cazano C, Russell BK, **Brion LP.** Factors affecting intrauterine growth among Hispanics and African-Americans in an innercity population, Pediatr Res 1998;43:90A. Poster presentation at SPR, New Orleans, LA, 5/3/98 |
|  | Russell B, Aviles M, **Brion LP**. Perinatal counseling (PC) vs. Incidence of breastfeeding (BF) at 6 weeks in an inner-city population, Pediatr Res 1998;43:329A. Poster presentation at SPR, New Orleans, LA, 5/4/98 |
|  | **Brion LP**, Campbell DE. Furosemide in indomethacin-treated premature infants with symptomatic patent ductus arteriosus Systematic review and meta-analysis. J Am Soc Nephrol 1998;9:141A. Poster presentation at: Am Soc Nephrol, Philadelphia, PA, 10/25/98 |
|  | a. Jandziszak K, Saenger P, **Brion LP**. Time course of the response to recombinant growth hormone (rGH) in mice-with chronic metabolic acidosis (CMA). Poster presentation at: Sixth Symposium on Growth and development of children with chronic renal failure:‘The molecular basis of skeletal growth’. International Pediatr Nephrol Assoc, NY, NY, 3/11-13/99 b. Jandziszak K, Suarez C, Saenger P**, Brion LP.** Enhanced linear growth response to growth hormone in a mouse model of chronic acidosis with normal food intake. J Am Soc Nephrol 1999;10:660A. Poster presentation at: Am Soc Nephrol, Miami Beach, FL, 11/5/99 |
|  | Rosen O, Suarez C, **Brion LP.** Expression of carbonic anhydrase IV in mouse placenta. Pediatr Res 1999;45:60A. Poster presentation at SPR, San Francisco, CA, 5/1/99 |
|  | **Brion LP**, Primhak RA. Intravenous or enteral furosemide (F) in preterm infants with or developing chronic lung disease (CLD): systematic review and meta-analysis. European Respiratory Journal 1999;14 (Suppl 30):304S. Oral presentation at European Resp Society, Madrid, Spain, 10/10-13/99 |
|  | **Brion LP,** Yong SC, Primhak R. Use of aerosolized furosemide (AF) in preterm infants with or developing chronic lung disease (CLD): systematic review and meta-analysis. European Respiratory Journal 1999;14 (Suppl 30):304S. Oral presentation at European Resp Society, Madrid, Spain, 10/10-13/99 |
|  | **Brion LP,**  Perez I, Primhak R. Use of thiazides in preterm infants with or developing chronic lung disease (CLD): systematic review and meta-analysis. European Respiratory Journal 1999;14 (Suppl 30):304S. Oral presentation at European Resp Society, Madrid, Spain, 10/10-13/99 |
|  | **Brion LP,** Yong SC, Perez I, Primhak RA. Ranking outcome variables and comparing the design of eligible studies to current standard of care: two steps towards assessing relevance of existing research. Oral presentation at: VIIth Cochrane Colloquium. The Best Evidence for Health Care: the Role of the Cochrane Collaboration. Rome, Italy, 10/8/99 |
|  | a. **Brion LP,** Suarez C. Postnatal disappearance of anion exchanger 1 (AE1) positive cells in the kidneys of carbonic anhydrase II deficient (CAD) mice. J Am Soc Nephrol 1999;10:402A. Poster presentation at: Am Soc Nephrol, Miami Beach, FL, 11/7/99b. **Brion LP,** Suarez C. Progressive postnatal loss of intercalated cells (ICCs) in carbonic anhydrase II-deficient (CAD) mice. Pediatr Res 2000;47:444A. Poster presentation at SPR, Boston, 5/12/00 |
|  | a. Singhal A, Kelley K, Legatt A, Moshe S, Hand I, **Brion LP**. Are focal seizures associated with focal lesions in full term newborn infants? J Invest Med 2000;48:217A. Oral presentation at ESPR, Absecon, NJ, 3/18/00b. Singhal A, Kelley K, Legatt A, Moshe S, Hand I, **Brion LP**. Are focal seizures associated with focal lesions in full term newborn infants? Pediatr Res 2000;47:465A. Poster presentation at SPR, Boston, MA, 5/13/00c. Kelley KR, Singhal A, Legatt AD, Canton C, Rios A, Leung J, Hand IL, **Brion LP**, Moshé SL. Focal seizures are associated with focal lesions in full term newborn infants. J Clin Neurophysiology 2000. Presented at American Clinical Neurophysiology Annual Meeting, Montreal, Canada, 9/23/00 |
|  | a. Aref K, Koenigsberg M, Bello J, **Brion LP**. Basal ganglia hyperechogenicity in very low birth weight infants: correlation with MRI. Oral presentation at Mead Johnson Nutritionals Greater NY Conference on Perinatal Research, White Plains, NY, 10/13/00b. Aref K, Kogan M, Koenigsberg M, Bello J, Mitnick R, **Brion LP**. Marked basal ganglia hyperechogenicity in very low birth weight infants: incidence and correlation with other imaging methods. J Investigative Med 2001;49:221A. Oral presentation at ESPR, Absecon, NJ, 3/18/01c. Aref K, Kogan M, Koenigsberg M, Bello J, Mitnick R, **Brion LP**. Basal ganglia hyperechogenicity (BGH) in low birth weight infants: Incidence and correlation with magnetic resonance imaging (MRI) and computerized tomography (CT) scan. Oral presentation at NY Perinatal Soc, NY, NY, 5/22/01 |
|  | Whitelaw A, Kennedy C, **Brion LP**. Diuretic therapy for newborn infants with post-hemorrhagic ventricular dilatation: Systematic review. Pediatr Res 2001;49:371A. Poster presentation at SPR, Baltimore, MD, 5/1/01 |
|  | Boctor F, Aref K, Uelinger J, Manning F, Bebbington M, Eglowstein M, Weinberg G, Crooke G, Rosen O, Mallozzi M, **Brion L**. Successful management of hydrops fetalis due to mutation of D by blood exchange and erythropoietin. Oral presentation at: Am Assoc Blood Banks 54th Annual Meeting, San Antonio TX 10/15/01 |
|  | a. Pande S, EstebanCruciani N, **Brion LP**, Campbell DE, Gayle Y. Effect of carnitine supplementation in very low birth weight babies. Oral presentation at:18th Annual Mead Johnson Nutritionals Neonatal Nutrition Symposium Carlsbad, CA, 12/7-9/01 b. Pande S, **Brion LP**, Campbell DE, Gayle Y, Esteban-Cruciani N. Effect of L-carnitine on weight gain until discharge in very low birth weight (VLBW) infants. Oral presentation at: NY Perinatal Soc, NY, NY, 5/28/02  |
|  | Barrington KJ, **Brion LP**. A systematic review of the effects of dopamine on renal dysfunction due to indomethacin in the newborn. a. Presented at Canadian Paediatric Society, 4/02b. Pediatr Res 2002;51. Poster presentation at SPR, Baltimore, MD, 5/6/02 |
|  | **Brion LP**, Bell EF, Raghuveer T. Vitamin E supplementation in preterm infants: Systematic Review. J Investigative Med 2003;51:Suppl 2, S4201. Oral presentation at ESPR, Old Greenwich, CT, 3/22/03  |
|  | **Sisman J,** Campbell DE, Brion LP. Amplitude-integrated EEG in preterm infants. a) J Investigative Med 2003;51:Suppl 2, S422. Oral presentation at ESPR, Old Greenwich, CT, 3/22/03b) Pediatr Res 2003;53:448A. Poster presentation at SPR, Seatlle, WA, 5/6/03 |
|  | Pande S, **Brion LP**, Campbell DE, Gayle Y, Esteban-Cruciani NV. Effect of L-carnitine supplementation on weight gain in very low birth weight infants. a) J Investigative Med 2003;51:Suppl 2, S435. Oral presentation at ESPR, Old Greenwich, CT, 3/23/03b) Pediatr Res 2003;53:438A. Oral presentation at SPR, Seattle, WA, 5/6/03 |
|  | Soghier L, Aref K, Koenigsberg M, Kogan M, Bello J, Romano J, Hoffman T, **Brion LP**. a) Basal ganglia hyperechogenicity in low birth weight infants. Oral presentation at NY Perinatal Soc, NY, NY, 5/20/03b) Basal ganglia hyperechogenicity in low birth weight infants. Oral presentation at 25th Greater NY Conference on Perinatal Research, Tarrytown, NY, 11/19/03c) Basal Ganglia Hyperechogenicity in Preterm Infants. Pediatr Res 2004; 55:432A. Poster presentation at ESPR, Old Greenwich, CT, 3/27/04d) Basal Ganglia Hyperechogenicity in Preterm Infants. J Perinatol 2004; 9:598. Poster presentation at AAP, San Francisco, CA, 10/9/04 |
|  | Soghier, L.M, **Brion, LP,** Weinberg G, Levin T L, Rosen O, Boctor FN. Use of recombinant activated factor VII for refractory hemorrhage in a neonate. BLOOD, Vol. 102, No. 11, p. 100B. 45th Annual Meeting of the American-Society-of-Hematology, San Diego, CA, 12/06-09, 2003 |
|  | **Brion LP**, Bell EF, Raghuveer T. Routine parenteral intake of vitamin E in very low birth weight infants in the U.S.: Too much or too little? a) Poster presentation at ESPR, Old Greenwich, CT, 3/27/04b) Poster presentation at US Cochrane Center Collaboration Meeting, Brown University, Providence, RI, 4/1/04c) Poster presentation at SPR, San Francisco, CA, 5/1/04 |
|  | Uko S, Dave V, Soghier LM, Nafday S, Reinersman G, Herring L, **Brion LP**. Short course of fluconazole prophylaxis in very low birth weight infants. a) Oral presentation at ESPR, Old Greenwich, CT, 3/6/05b) Oral presentation at NY Perinatal Society, NY, 5/4/05c) Poster presentation at SPR, Washington, DC, 5/14/05 |
|  | Soghier LM, **Brion LP**. Cysteine supplementation in parenterally fed neonates: Systematic Review. a) Poster presentation at ESPR, Old Greenwich, CT, 3/17/06b) Poster Presentation at SPR, San Francisco, CA, 5/2/06 |
|  | **Brion LP**, Wyckoff MH, Jaleel M, Sanchez PJ, Burchfield J, Christie L. Delivery room practice change following the initiation of the SUPPORT trial. Poster presentation at PAS-SPR, Honolulu, Hawaii, 5/4/08 |
|  | Jaleel MA, **Brion LP**, Wyckoff MH. Impact of Changes In The 2006 Neonatal Resuscitation Program (NRP) Recommendations For Epinephrine Usage In Delivery Room, Poster presentation at PAS-SPR, Honolulu, Hawaii, 5/4/08 |
|  | Dave V, **Brion LP**, Campbell DE, Scheiner M, Raab C, Nafday SM. Niroscopic tissue oxygenation changes of the splanchnic region in preterm neonates after feeds. a) Platform presentation at the 2008 Eastern Society for Pediatric Research Annual Meeting, Philadelphia, Pennsylvania, March 28–30, 2008b) Poster presentation at PAS-SPR, Honolulu, Hawaii, 5/5/08 |
|  | **Brion LP**, Wyckoff MH. Association of congenital heart disease (CHD) with mortality and morbidity in preterm infants. Poster presentation at PAS-SPR, Baltimore, MD, 5/4/09 |
|  | Sparks JE, Jaleel MA, Christie L, **Brion LP**, Wyckoff MH. Oral presentation at 75th Perinatal and Developmental Medicine Symposium “The Art and Science of Resuscitation”, Mead Johnson Nutritionals, Marco Island, FL, 11/19/09 |
|  | Chalak LF, **Brion LP**, Morris MC, Burchfield J, Christie L, Sanchez PJ. Biochemical screening criteria for assessment of hypoxic-ischemic encephalopathy (HIE): How do they apply to the late preterm infant? Poster presentation at PAS-SPR, Vancouver, Canada, 5/10 |
|  | Kapadia VS, Chalak LF, Dupont TL, Christie L, Burchfield J, **Brion LP**, Wyckoff MH. Hyperoxemia within the 1st hour of life following perinatal asphyxia and subsequent development of moderate-severe hypoxic ischemic encephalopathy (HIE). Platform presentation at PAS-SPR, Vancouver, Canada, 5/10  |
|  | Sparks JE, Jaleel MA, Christie L, **Brion LP**, Wyckoff, MH. Impact Of Changes In The 2006 Neonatal Resuscitation Program (NRP) Recommendations For Epinephrine Usage In Delivery Room. 1. Presented at Mead Johnson Nutritionals South Central Conference on Perinatal Research, 10/26-28/10
2. Platform Presentation at PAS, Denver, CO, 5/1/11
 |
|  | Bell EF, Hansen NI, Ehrenkranz RA, **Brion LP**, Kennedy KA, Walsh MC, Shankaran S, Acarregui MJ, Johnson KJ, Hale EC, Messina LA, Cunningham MM, Das A, Higgins RD. Eunice Kennedy Shriver NICHD Neonatal Research Network, Bethesda, MD. Tocopherol levels in very preterm infants after a single dose of vitamin E given soon after birth. Platform presentation at PAS, Boston, MA, 4/28/12 |
|  | LeVan JM, Wyckoff MH, Jaleel MA, Sanchez PJ, Ahn C, Burchfield J, Christie L, **Brion LP.** Impact of initiating the NICHD Neonatal Research Network SUPPORT Trial on management and outcomes of gestational-age matched non-participants. Platform presentation at PAS, Boston, MA, 4/28/12 |
|  | Grover T, Brozanski B, **Brion LP**, Zaniletti I, McCarran WJ, Evans J, Murthy K, for the Children’s Hospitals Neonatal Database (CHND) sCLD Focus Group. Analgesia and sedation utilization in preterm infants with severe chronic lung disease (sCLD): A report from the Children’s Hospital Neonatal Database (CHND). Poster presentation at PAS, Boston, MA, 4/28/12 |
|  | Motta CL, Scott W, Mahony L, Koch J, Wyckoff MH, Reisch J, **Brion LP**. Association of Congenital Heart Disease and Necrotizing Enterocolitis in Preterm Infants.1. Poster presentation at 82nd Perinatal & Developmental Medicine Symposium “The Microbiome in Perinatal Health and Disease,” Aspen, Colorado, June 6-9, 2013
2. Poster presentation at American Academy of Pediatrics (AAP) National Conference and Exhibition, Orlando, FL, 10/25/13
3. Platform presentation at Section on Perinatal Pediatrics, 20th South Central Conference on Perinatal Research, Lakeway Resort, Austin, Texas, 10/29/13
 |
|  | Levan J, **Brion LP**, Wrage LA, on behalf of the NICHD NRN. Changes in therapy and outcomes associated with the SUPPORT Trial. Poster presentation at PAS, Washington DC, May 5, 2013 |
|  | Jaleel M, Clipp K, Ennis B, **Brion LP**, Christie L. “Trounce the CONS” initiative: Eliminating Coagulase Negative Staphylococcal Infections in the NICU. Poster presentation at 2013 University of Texas System Clinical Safety and Effectiveness Conference, Public Policy and Public Health Effect Health Care Reform, San Antonio, TX, 9/26/13 |
|  | Sheehan JW, Pritchard MA, Brown S, Heyne RJ, Jaleel MA, Engle WD, **Brion LP**. Withdrawal of Support in preterm Infants with Periventricular Hemorrhagic Infarction. Poster presentation at PAS, San Diego, CA, 4/28/15 |
|  | DeVries LD, Jaleel M, Kapadia V, Heyne R, **Brion LP.** Relationship between Pulmonary Hypertension and Outcomes among Infants with Bronchopulmonary Dysplasia Who Undergo Surgery. 1. Poster presentation at 86th Perinatal & Developmental Medicine Symposium “Perinatal Genomics” Aspen, Colorado, June 4‐7, 2015
2. Platform presentation at the AAP Section on Neonatal-Perinatal Medicine 22nd South Central Conference on Perinatal Research, Austin, TX. October 2015.
3. Poster presentation at the 2016 Southern Regional Meeting, New Orleans, LA, 2/18/2016
 |
|  | Weydig HM, Jaleel MA, Frost M, **Brion LP.** Parkland QI Bundle: Reducing Mortality and Morbidity in Extremely Low Gestational Age Neonates (ELGANs) at Parkland. Poster presentation at AAP National Conference and Exhibition, Washington DC, 10/23/2015 |
|  | Chawla S, Shankaran S, Natarajan G, Carper B, Gantz M, **Brion LP**, Keszler M, Carlo WA, Ambalavanan N, Das A, Finer N, Higgins RD, for the NICHD SUPPORT Subcommittee. Prediction of Extubation Failure and associated Morbidities among Extreme Premature Infants. Poster presentation at PAS, Baltimore, MD, 5/2/2016 |
|  | DeVries LD, Jaleel M, Kapadia V, Brown LS, Heyne R, **Brion LP.** Relationship between Pulmonary Hypertension and Outcomes among Infants with Bronchopulmonary Dysplasia Who Undergo Surgery. Poster presentation at Baltimore, MD, PAS, 5/3/2016 |
|  | Pavageau L, Rosenfeld C, Heyne R, Brown LS, DeLeon M, Chacko S, Caraig M, **Brion LP.** Validation of Serial Length Measurements in Preterm Infants in the Neonatal Intensive Care Unit (NICU). Presentation at Western Conference on Perinatal Research, American Academy of Pediatrics Section on Neonatal-Perinatal Medicine. Indian Wells, California, 01/11-13/17 |
|  | Pavageau L, **Brion LP**, Brown LS, Rosenfeld CR, Jaleel MA. Consensus Guidelines for Patent Ductus Arteriosus (PDA) Treatment Decreases Need for Treatment: A 15y Experience. a. Poster presentation at PAS, San Francisco, CA, 5/2017b. Poster Presentation at Hot Topics in Neonatology Conference, Washington DC, December 10-13, 2017c. Poster at the Celebration of Women in Science and Medicine at UT Southwestern, Dallas, TX, February 7, 2018d. Oral Presentation at SSPR, New Orleans, LA, February 24, 2018 |
|  | Weydig HM, Jaleel MA, Frost MS, Burchfield PJ, **Brion LP.** A Quality Improvement (QI) Project to Reduce Severe Intraventricular Hemorrhage (IVH). a. Poster at the Celebration of Women in Science and Medicine at UT Southwestern, Dallas, TX, February 7, 2018b. Poster at Pediatric Academy Societies, Toronto, Canada, PAS, 5/5/2018 |
|  | Weydig HM, Jaleel MA, Frost MS, Burchfield PJ, **Brion LP.** Interaction between Prophylactic Indomethacin (PIndo) and Antenatal Steroids (ANS) leading to Spontaneous Intestinal Perforation (SIP). a. Poster at the Celebration of Women in Science and Medicine at UT Southwestern, Dallas, TX, February 7, 2018b. Poster at Pediatric Academy Societies, Toronto, Canada, PAS, 5/7/2018 |
|  | Frost M, Scarborough A, Austin A, **Brion LP.** Comparing Combined Weighted Ordered Rank Lists to Traditional Evaluation Methods for Creation of Rank Lists of Neonatal Fellowship Applicants. a. Poster presentation at APPD Meeting 2018b. Oral presentation at Pediatric Academy Societies, Toronto, Canada, PAS, 5/6/2018 |
|  | Frost M, Austin A, Scarborough A, **Brion LP.** A Quality Improvement Project to Improve Timeliness of Submission of Fellow Evaluations by Neonatology Faculty. a. Oral presentation at APPD Meeting 2018 b. Oral presentation at Pediatric Academy Societies, Toronto, Canada, PAS, 5/7/2018 |
|  | Frost M, **Brion LP.** Validity of pooled faculty evaluations in a neonatal-perinatal fellowship program. a. Poster presentation at APPD Meeting 2018b. Poster presentation at Pediatric Academy Societies, Toronto, Canada, PAS, 5/5/2018 |
|  | Smithhart W, Wyckoff M, Kakkilaya V, Jaleel M, Kapadia V, Brown LS, **Brion LP**. Association of Symptomatic Pneumothorax in Term and Late-Preterm Infants with Continuous Positive Airway Pressure (CPAP) in the Delivery Room. Poster presentation at Pediatric Academy Societies, Toronto, Canada, PAS, 5/8/2018 |
|  | Kakkilaya V, Clark H, Thompson T, Graffeo A, Tharayil S, Walker, K, Ambia A, Brown L, **Brion LP**. Determining early predictors of longer length of treatment for infants with neonatal abstinence syndrome. Poster presentation at Pediatric Academy Societies, Toronto, Canada, PAS, 5/5/2018 |
|  | **Brion LP**, Rosenfeld CR, Heyne R, Brown LS, Lair C, Burchfield P. Quality Improvement Project Designed to Decrease Weight-Length Disproportion at Discharge in Very Preterm Infants. Poster presentation at AAP NCE, Orlando, FL, 11/2/2018 |
|  | Mahaffey B, **Brion LP,** Brown LS, Chalak L, Gelphman S, Heyne R. Bayley language development in preterm infants with oral feeding difficulty. Poster presentation at PAS, Baltimore, MD, 4/27/2019 |
|  | **Brion LP**, Rosenfeld CR, Heyne R, Brown LS, Lair C, Burchfield P, Caraig M. Adjustable Feedings plus Accurate Serial Length Measurements Can Decrease Weight-Length Disproportion in Very Preterm Infants. Poster presentation at PAS, Baltimore, MD, 4/29/2019 |
|  | **Brion LP**, Rosenfeld CR, Heyne R, Brown LS, Lair C, Caraig M. Optimizing Individual Nutrition in Preterm Infants: Randomized Clinical Trial (RCT). Oral presentation at PAS, Baltimore, MD, 4/29/2019 |
|  | Sharma P, Brown LS, **Brion LP,** Mirpuri J. Maternal body mass index (BMI) and necrotizing enterocolitis (NEC): a case-control study. J Investigative Medicine MEDICINE 2020: 68 (2), 590. Poster presentation at SSPR, New Orleans, LA, 2/13/2020. |
|  | Reis J, Tolentino-Plata K, Heyne R, Rosenfeld CR, **Brion LP**. Does Reducing Weight-For-Length Disproportion at Discharge in Preterm Neonates Affect Neurodevelopmental Outcomes? Presentation at 41st Western Conference on Perinatal Research, Renaissance Esmeralda Resort, Indian Wells, California, January 9, 2020 |
|  | **Brion LP**, Rosenfeld CR, Heyne R, Brown LS, Lair C, Heyne E, Dohoney E, Burchfield PJ, Caraig M. Association between Age of Initiation and Type of Complementary Foods with Body Mass Index (BMI) at 1 Year of Age in Appropriate for Gestational Age (GA) 23-28 Week-GA Infants. Accepted for poster presentation at PAS, Philadelphia, PA, 5/2/2020; cancelled for COVID-19/SARS-Cov-2 |
|  | **Brion LP**, Rosenfeld CR, Heyne R, Brown LS, Lair C, Petrosyan E, Jacob, T, Caraig M, Burchfield PJ. Double-Blinded Randomized Controlled Trial (RCT) of Optimizing Nutrition in Preterm (PT) Very Low Birth Weight Infants: Analysis of Nutrient Intake and Growth Patterns. Accepted for poster presentation at PAS, Philadelphia, PA, 5/2/2020; cancelled for COVID-19/SARS-Cov-2 |
|  | Reis J, Tolentino-Plata K, Heyne R, Rosenfeld CR, Caraig M, **Brion LP**. Does Reducing Weight-For-Length Disproportion at Discharge in Preterm Neonates Affect Neurodevelopmental Outcomes? Accepted for poster presentation at PAS, Philadelphia, PA, 5/2/2020; cancelled for COVID-19/SARS-Cov-2; presented online at Virtual Regional Neonatal Research Conference 5/26/2020 |
|  | Stocks E, Jaleel M, Smitthart W, Burchfield P, Thomas A, Mangona, KLM, Kapadia V, Wyckoff M, Kakkilaya V, Weaver J, **Brion LP**. Reduction in Delivery Room (DR) Continuous Positive Airway Pressure (CPAP)-Associated Pneumothorax in Term and Late-Preterm Neonates. Accepted for oral presentation at PAS, Philadelphia, PA, 5/2/2020; cancelled for COVID-19/SARS-Cov-2; presented online at Virtual Regional Neonatal Research Conference 6/16/2020 |
|  | Lair CS, **Brion LP**, Brown LS, Edwards A, Jacob T, Brammer E, Du C, Desai S, Jaleel M. Reducing hypophosphatemia in preterm infants. Poster presented at 2020 Vermont Oxford Network (VON) Improvement Science Virtual Expo, 11/5/2020 |
|  | Reis J, Jaleel M, Lair CS, Mathai D, Moore V, Petrosyan E, ­­­­Clipp K, **Brion LP**. A Quality Improvement Project to Decrease Rates of Necrotizing Enterocolitis (NEC) in the Parkland NICU by Increasing Administration of Breast Milk. Poster presented at 2020 Vermont Oxford Network (VON) Improvement Science Virtual Expo, 11/5/2020 |
|  | Lair CS, Reis J, Jaleel M, Mathai D, Moore V, Petrosyan E, Clipp K, Olvera T, Wheeler C, Hughes S, Davis A, Russell A, Jordan J, Reynolds R, **Brion LP**. Optimizing Mother’s Own Milk (MoM) in the NICU. Poster presented at 2020 Vermont Oxford Network (VON) Improvement Science Virtual Expo, 11/5/2020 |
|  | Laptook A, Weydig H, **Brion LP**, Wyckoff M, Arnautovic T, Younge N, Oh W, Chowdhury D, Keszler M, Das A for the National Institute of Child Health and Human Development (NICHD) Neonatal Research Network (NRN). Spontaneous Intestinal Perforation (SIP): Are Antenatal Steroids and early Postnatal Indomethacin Associated? Platform presentation at PAS, 5/3/2021 |
|  | Sivarajan M, Schneider JH, **Brion LP**, Bai S, ElHassan N, Kaiser JR, Nelson DB, Burchfield PJ, Brown SL, Johnson KA. Decreasing Early Hypoglycemia Frequency in At-Risk Newborns by Implementing a New Hypoglycemia Screening Algorithm. Platform presentation at PAS, 5/2/2021 |
|  | Sanchez-Rosado M, Reis J, Jaleel M, Mangona KL, Burchfield PJ, Mathai D, Moore V, Lair C, Petrosyan E, Pedroza A, Boren M, Clipp K, **Brion LP**. A Quality Improvement (QI) Project to Decrease Necrotizing Enterocolitis (NEC) by Increasing Administration of Breastmilk (BM) Among Very Low Birth Weight (VLBW) and/or ≤32 weeks Gestational Age (GA) Infants. e-Poster Session at PAS, 4/30/2021 |
|  | Lair CS, **Brion LP**, Brown S, Edwards A, Jacob T, Brammer E, Du C, Desai S, Jaleel M. Reducing Hypophosphatemia in Preterm Infants: a Quality Improvement Project. e-Poster Session at PAS, 4/30/ 2021 |
|  | Reis JD, Sanchez-Rosado M, Kiefaber I, **Brion LP.** Time of Initiation of Pumping vs Breastfeeding at Discharge of Preterm Infants. E-poster presentation at AAP NCE, 10/8/21 |
|  | Saha S, Wickland J, Brennan S, Gant T, Lee D, **Brion LP**, Dariya V. Improving Intubations at the Children’s Medical Center, Dallas (CMCD) Using an Intubation Bundle. Oral presentation at 43rd Western Conference on Perinatal Research, Indian Wells, California, January 11-13, 2022 |
|  | Sanchez-Rosado M, Reis J, Jaleel M, Mangona K, Burchfield PJ, Mathai D, Moore V, Lair C, Petrosyan E, Pedroza A, Boren M, Clipp K, **Brion LP**. Quality Improvement (QI) Project to Decrease Necrotizing Enterocolitis (NEC) Stage≥II by Increasing Administration of Breastmilk (BM) Among Very Low Birth Weight (VLBW) and/or ≤32 Weeks (wks) Gestational Age (GA) Infants. Oral presentation at 43rd Western Conference on Perinatal Research, Indian Wells, California, January 11-13, 2022 |
|  | Sanchez-Rosado M, Lair C, Edwards A, Jacob T, Brown S, Heyne R, **Brion LP**. Growth, Zinc Deficiency and Mortality to Discharge after Implementing a Donor Breast Milk (DBM) Program in Neonates <33 weeks Gestational Age and Birthweight <1500. Poster presentation, PAS, Denver, CO, 4/24/2022 |
|  | Sanchez-Rosado M, Reis J, Jaleel M, Mangona KL, Nelson DB, Burchfield PJ, Mathai D, Moore V, Lair C, Petrosyan E, Pedroza A, Boren M, Clipp K, Brown S, **Brion LP**. A QI Project to Decrease Necrotizing Enterocolitis (NEC) by Increasing Administration of Breastmilk (BM) Among Very Low Birth Weight (VLBW) and/or ≤32 weeks Gestational Age (GA) Infants. Oral presentation, PAS, Denver, CO, 4/25/2022 |
|  | Reis JD, Sanchez-Rosado M, Mathai D, Kiefaber I, **Brion LP.** Time of Initiation of Pumping vs Breastfeeding at Discharge of Preterm Infants, Poster presentation, PAS, Denver, CO, 4/24/2022 |
|  | Sanchez-Rosado M, Reis JD, Verma D, Kiefaber I, Burchfield, Brown S, **Brion LP.** Necrotizing enterocolitis in small for gestational age (GA) (SGA) vs appropriate for GA (AGA) infants. Poster presentation, PAS, Denver, CO, 4/25/2022 |
|  | Reis JD, Hagan T, Heyne R, Tolentino-Plata K, Clarke R, Brown S, **Brion LP.** Relationship between ventricular size and Bayley scores in very preterm infants, Poster presentation, PAS, Denver, CO, 4/23/2022 |
|  | Babata KL, Yeo KT, Sultana R, Chan CS, Mazzarella K, Adhikari EH, Kong JY, Hascoët J, **Brion LP**. Feeding strategies to prevent neonatal SARS-CoV-2 infection in term or late preterm babies born to mothers with confirmed COVID-19. Poster presentation, PAS, Denver, CO, 4/23/2022 |
|  | Mir I, Frost M, **Brion LP**. Correlation between In-Training Examination Scores and Neonatal-Perinatal Medicine Boards Pass Rate. * Poster presentation, PAS, Denver, CO, 4/22/2022
* Poster presentation, APPD 2022 Annual Spring Meeting, San Diego, CA, 5/17-18/2022
 |
|  | Reis JD, Tolentino-Plata K, Caraig M, Heyne R, Rosenfeld CR, Brown LS, **Brion LP.** Double-Blinded Randomized Controlled Trial (RCT) of Optimizing Nutrition in Preterm (PT) Very Low Birth Weight Infants: Bayley Scores at >18 Months of Age. Oral poster symposium, PAS, Denver, CO, 4/24/2022 |
|  | Imran Mir, Mariela Sanchez-Rosado, Jordan D Reis, Larry S Brown, Kate L Mangona, David B Nelson, Myra H Wyckoff, Patti J Burchfield, Pritha Nayak, **Luc P Brion,** Polienna Sepulveda,. The impact of fetal Inflammatory response on the severity of necrotizing enterocolitis in preterm infants. Poster presentation at PAS, Washington DC, 04/28/2023 |
|  | Pritha Nayak , IN Mir, Mariela Sanchez-Rosado, Jordan D Reis, Kate L Mangona, David B Nelson, Myra H Wyckoff, Patti J Burchfield, Anita Thomas, Polienna Sepulveda, Priya Sharma, **Luc P Brion**. Predicting surgical necrotizing enterocolitis (NEC) and mortality among preterm infants suspected of NEC. Poster presentation at PAS, Washington DC, 04/29/2023 |
|  | Sisman J, Black LF, Weiss A, Brown LS, **Brion LP**. Association of maternal illness severity for COVID-19 with maternal and neonatal health outcomes. Poster presentation at PAS, Washington DC, 04/29/2023 |
|  | Mundra V, Chan CS, Kong JY, Sultana R, Mundra V, Babata KL, Mazzarella K, Adhikari EH, Yeo KT, Hascoët J, **Brion LP**. Optimal delivery management for the prevention of early neonatal SARS-CoV-2 infection: Systematic review and meta-analysis. Poster presentation at PAS, Washington DC, 04/29/2023 |
|  | Saha S, Wickland J, Brennan S, Gant T, Lee D, **Brion LP**, Dariya V. * Improving Non Emergent Intubations at the Children’s Medical Center, Dallas (CMCD) NICU Using an Intubation Bundle. Poster presentation at PAS, Washington, DC, 04/28/2023
* Improving Elective Intubations (EI) in a Level IV NICU. Poster symposium presentation at CHNC meeting, 10/12/2023
 |
|  | Seidu TA, Angelis D, Heyne R, Brown LS, Lair CS, **Brion LP**. Zinc Supplementation Improves Linear Growth in Premature and Very Low Birth Weight Infants. Poster presentation at AAP NCE, Washington, DC, 10/2023 |
|  | Babata K, Albert RB, Oren MS, Burchfield PJ, Brown LS, Rosenfeld CR, **Brion LP**. Birthweight- and gestational age-specific survival between 1977-2022 for minority infants ≤1500g birthweight and delivered at a large community hospital. Poster symposium presentation at PAS, Toronto, Canada, 05/05/ 2024  |
|  | Babata K, **Brion LP**, Albert RB, Burchfield PJ, Brown LS, Oren MS, Rosenfeld CR. Analysis of Factors Associated with Mortality to Discharge in Very-Preterm Infants (VPT, ≤32 Weeks’ Gestation) in a public county Hospital: 46-Year Retrospective Cohort Study. Poster presentation at PAS, Toronto, Canada, 05/05/ 2024  |
|  | Nayak SP, Sanchez-Rosado M, Reis, Brown LS, Mangona KL, Nelson DB, Heyne R, Jaleel M, Tomas AS, Clipp KD, Kiefaber I, Verma D, Boren, Jacob T, Lair CS, Seidu TA, Wyckoff MH, Angelis D, Burchfield PJ, **Brion LP.** A Quality Improvement (QI) Project to Decrease Necrotizing Enterocolitis. Poster presentation at PAS, Toronto, Canada, 05/05/2024 |
|  | Reis JD, Sanchez-Rosado M, Mathai D, Brown LS, Lair CS, Nelson DB, Burchfield PJ, **Brion LP.** Factors Associated with Feeding Mother's Own Milk at Discharge in Preterm Infants. Poster presentation at PAS, Toronto, Canada, 05/05/2024 |
|  | Seidu TA, Angelis D, Heyne R, Brown LS, Jacob T, Edwards A, Lair CS, **Brion LP**. Zinc (Zn) Supplementation improves growth patterns in Premature < 33 weeks' gestational age (GA) or very low birthweight (VLBW, <1,500 g) infants. Poster presentation at PAS, Toronto, Canada, 05/03/2024 |

Clinical Practice Guidelines

|  |  |
| --- | --- |
|  | Management of neonatal Hypoglycemia in the NICU, in NeoSource, Mambarambath Jaleel, ed, <http://neonatology.swmed.edu>, * + - 1. Afanador M, **Brion LP.** 2012
1. **Brion LP**, Jaleel M, Scheid L. 2015;
2. **Brion LP**, Jaleel M, http://neonatology.swmed.edu/medicalcare/Pages/MedicalCare/genet\_metab\_endo/Hypoglycemia.aspx, revised 2019; 2021; 2022
3. Scheid L, **Brion LP**, Jaleel M, Stumpf, pending, 2023
 |
|  | **Brion LP,** Jaleel, M. Blood gas analysis, in NeoSource, Mambarambath Jaleel, ed, http://neonatology.swmed.edu/medicalcare/Pages/MedicalCare/resp/Blood%20Gas%20Analysis.aspx, 2011; revised 2019 |
|  | **Brion LP,** Jaleel M**.** Conventional Ventilation, in NeoSource, Mambarambath Jaleel, ed, http://neonatology.swmed.edu/medicalcare/Pages/MedicalCare/resp/Conventional%20Ventilation.aspx, revised 2019 |
|  | Sisman J, **Brion L,** Perry J, Phillips B**.** Pulse oximetry. in NeoSource, Mambarambath Jaleel, ed, http://neonatology.swmed.edu/medicalcare/Pages/MedicalCare/resp/Pulseox.aspx, 2012, updated 2021 |
|  | **Brion LP,** Renfro S.High frequency ventilation (HFOV), in NeoSource, Mambarambath Jaleel, ed, http://neonatology.swmed.edu/medicalcare/Pages/MedicalCare/resp/HFOV.aspx, 2012; revised 2019 |
|  | Woodruff K, Neville K (Bunnell Corp), **Brion LP.** High Frequency Jet Ventilation (HFJV) Recommendations, in NeoSource, Mambarambath Jaleel, ed, http://neonatology.swmed.edu/medicalcare/Pages/MedicalCare/resp/HFJV.aspx,2016; revised 2021 and 2023 |
|  | **Brion LP.** Pulmonary Graphics Interpretation,in NeoSource, Mambarambath Jaleel, ed, http://neonatology.swmed.edu/medicalcare/Pages/MedicalCare/resp/Pulm%20Graphics.aspx, revised 2019 |
|  | **Brion LP.** Survival counseling card, in NeoSource, Mambarambath Jaleel, ed,. http://neonatology.swmed.edu/Pages/CounselingCard.aspx, updated annually 2015-2023 |
|  | **Brion LP**, Lair CS. Neonatal Intravenous Phosphorus Replacement Guidelines, in NeoSource, Mambarambath Jaleel, ed,. http://neonatology.swmed.edu/medicalcare/Pages/MedicalCare/FEN/Intravenous%20Phosphorus%20Replacement.aspx2019 |
| 1. , e0
 | Heyne R, **Brion LP**, Jaleel M**.** Determination of gestational age. in NeoSource, Mambarambath Jaleel, ed, http://neonatology.swmed.edu/medicalcare/Pages/MedicalCare/newborn/EGA%20Determination.aspx, 2016; revised2021 |
|  | Heyne R, **Brion LP.** Assessment of fetal growth.Assessment of size at birth and intrauterine growth. in NeoSource, Mambarambath Jaleel, ed, http://neonatology.swmed.edu/medicalcare/Pages/MedicalCare/newborn/Assessment%20of%20Fetal%20Growth%20old.aspx, 2016; revised 2019 |
|  | **Brion LP,** Morse J. Microcephaly, in NeoSource, Mambarambath Jaleel, ed,. http://neonatology.swmed.edu/newborn/Pages/Microcephaly.aspx, 2019, revised 2020 |
|  | Lair C, **Brion LP**, Heyne R, Lentz E, Brammer E, Jacob T. Discharge Nutrition Options for Breastfeeding Preterm Babies. in NeoSource, Mambarambath Jaleel, ed, http://neonatology.swmed.edu/medicalcare/Pages/Discharge%20Nutrition.aspx, 2017, revised 2019 |
|  | Brion LP, Lair C, Edwards A, Jacob T, Brammer E. Assessment and adjustment of nutrition and growth, in NeoSource, Mambarambath Jaleel, ed,: <http://neonatology.swmed.edu>, 2019; revised 2020, 2022 |
|  | Elizabeth Brammer, MMSc, RD, LD; Cheryl Lair, RD, LD; Theresa Jacob, MS, RD, LD; Audrey Edwards, MS, RD, LD; Chen Du, MS, RD, LD; **Luc P. Brion,** MD; Pritha Nayak, MD; Mambarambath Jaleel, MD; NICU Feeding Guidelines. in NeoSource, Mambarambath Jaleel, ed,; http://neonatology.swmed.edu/medicalcare/Pages/MedicalCare/FEN/Feeding%20Guidelines.aspx, 2019, updated 2022 |
|  | **Luc P Brion,** Cheryl Lair, Audrey Edwards, Theresa Jacob, Chen Du, Elizabeth BrammerAssessment and adjustment of nutrition and growth. in NeoSource, Mambarambath Jaleel, ed,: http://neonatology.swmed.edu/medicalcare/Pages/MedicalCare/FEN/Nutrition%20Assessment.aspx 2019; updated 2022 |
|  | Cheryl Lair, Elizabeth Brammer, Audrey Edwards, Theresa Jacob, Susan Kuehn, **Luc Brion**, and Mambarambath Jaleel. Parenteral nutrition, in NeoSource, Mambarambath Jaleel, ed, http://neonatology.swmed.edu/medicalcare/Pages/MedicalCare/FEN/Parenteral%20Nutrition.aspx, revised 2020 |
|  | Cheryl Lair, RD; Theresa Jacob, RD; Audrey Edwards, RD;​​ Mariela Sanchez-Rosado, MD; and Luc P. Brion, MD. Zinc and copper supplementation, in NeoSource, Mambarambath Jaleel, ed,http://neonatology.swmed.edu/medicalcare/Pages/Zinc%20Supplementation.aspx, 2022 |
|  | Christina S Chan, Juin Yee Kong, Kikelomo L Babata, Emily Adhikari, Kee Thai Yeo, Rehena Sultana, Jean-Michel Hascoët, **Luc Brion,** Kelly Mazzarella. Systematic review of optimal delivery management to prevent early neonatal SARS-CoV-2. PROSPERO 2021 CRD42021267892 Available from: https://www.crd.york.ac.uk/prospero/display\_record.php?ID=CRD42021267892 |
|  | Kikelomo Babata, Kee Thai Yeo, Christina Chan, Juin Yee Kong, Kelly Mazzarella, Rehena Sultana, Jean-Michel Hascoët, **Luc P Brion.** Feeding strategies to prevent neonatal SARS-CoV-2 infection in term or late preterm babies born to mothers with confirmed COVID-19. PROSPERO 2021 CRD42021268576 Available from:  <https://www.crd.york.ac.uk/prospero/display_record.php?ID=CRD42021268576> |
|  | Theresa Jacob, Luc P Brion. Vitamin D supplementation. in NeoSource, Mambarambath Jaleel, ed, http://neonatology.swmed.edu/medicalcare/Pages/Vitamin%20D%20Supplementation.aspx, 5/25/2022 |