

University of Calgary
Faculty of Medicine
STANDARDIZED FORMAT FOR CURRICULUM VITAE

I. BIOGRAPHICAL DATA

Amelie Stritzke
Foothills Medical Centre
780, 1403 29 Street NW
Calgary, AB T2N 2T9
403-943-8580

Associate Clinical Professor
Department of Paediatrics
Faculty: Medicine
University of Calgary

II. ACADEMIC RECORD

Final degree: Specialist, FRCPC
Date completed: September 2012
Specialty: Perinatal-Neonatology/Paediatrics
Institution/City/Country: University of British Columbia/Vancouver/Canada

i. Undergraduate

Medical Doctor
April 1997 – November 2003
Johann-Wolfgang-Goethe-University
Frankfurt am Main, Germany

ii. Special Professional

Paediatric Cardiology Fellowship
July 2011 – June 2012
University of British Columbia, Children's Hospital of British Columbia, Vancouver, Canada

Neonatology Fellowship

July 2009 – June 2011
University of British Columbia, Women's and Children's Hospital of British Columbia, Vancouver, Canada

iii. Graduate and post-doctoral

Paediatric Residency, Federatio Medicae Helveticorum (FMH), Switzerland
December 2009

Paediatrics, University Hospital Berne, Switzerland
January 2009 – June 2009

Neonatology, University Hospital Berne, Switzerland
October 2007 – December 2008

Paediatrics, Kantonsspital Aarau, Switzerland
July 2004 – September 2007

iv. Licensure, certification and boards

Sep 2012 Perinatology-Neonatology Specialist

May 2012 FRCPC

Apr 2019 Safest Together –error prevention

III. AWARDS AND DISTINCTIONS

2020/21 Associate Dean’s Letter of Excellence for Clinical Core, University of Calgary
2020/21 Bronze Award for teaching contribution, University of Calgary
2019 Bronze Award for teaching contribution, University of Calgary
2018 PGME grant award of \$32, 000 for acquisition of cardiac simulator for SCAN committee/program, University of Calgary
2018 Bronze Award for teaching contribution, University of Calgary
2018 Pediatric Resident “Subspecialty” annual Teaching Award, Department of Pediatrics, Alberta Health Services
2017 Bronze Award for teaching contribution, University of Calgary
2017 Neonatal Perinatal Medicine Fellowship: Academic half day teacher of the year, Department of Pediatrics
2017 Associate Dean’s Letter of Excellence for Clinical Core, University of Calgary
2014 Paediatrics Innovation Award: Impact of Red Cell Transfusion on Superior Mesenteric Artery Flow Patterns and Intestinal Oxygenation in Fed Preterm Neonates, U of C
2013 Allergology Award, Swiss Allergology Foundation Mueller-Gierok
Yearly award for allergology publication, awarded 10,000 Swiss Francs
2010/2011 Chief Fellow - Organized biweekly academic days, which included inviting external speakers, Journal Club and Fellow spokesperson
2010 Best Poster Award Student Research Forum, CFRI, Vancouver, Canada: The modality of TPN administration modulates the oxidant stress induced by transfusions received early in life by preterm infants.
1998-2003 University Scholarship (5 yrs), Scholarship by Konrad-Adenauer-Foundation, Sankt Augustin, Germany
2000 – 2002 Speaker of Frankfurt Chapter
1993 – 1994 High School Scholarship
Parliamentary Program for exchange students from Germany to USA (Atwater High School, California)

IV. ACADEMIC APPOINTMENTS

July 2020 – Assistant Program Director, General Pediatrics Residency Program
Present Alberta Children’s Hospital, Alberta Health Services, Calgary

May 2020 - Clinical Associate Professor
Present University of Calgary, Faculty of Medicine

Jul 2013 – Clinical Assistant Professor
2020 University of Calgary, Faculty of Medicine

2012- Fellow
present Royal College of Physicians and Surgeons of Canada (Pediatrics)

V. EDUCATIONAL ACTIVITIES/TEACHING

i. Undergraduate

2013 - Present **Course VI MDCN 460, University of Calgary:**
Well baby exam, Bedside Course (2013 – present)
Neonatal Jaundice (2018)
Preterm Infants and their Complications (2017)
Preterm physiology, complications and therapies (2016)
Neonatal Case Studies, Neonatal Jaundice and prematurity issues (2016)
Neonatal Case Studies (2015)
Sick Infant (2014)
Ethics and Professionalism (2014)
Prematurity and its Complications (2013)

2017 - Present **Mentoring** medical students on a yearly basis

ii. Postgraduate:

2015 - Present **Neonatal Perinatal Medicine Fellow Academic Half Day, Instructor/Preceptor**
IPASS (Dr Abul) 2021; Ethical Dilemmas (2019); Ibuprofen/paracetamol for PDA treatment (Dr S Joghee) (2019); Sonographic Clinical Assessment of the Newborn (SCAN). – UVC position simulator (2019); Ibuprofen/paracetamol for PDA treatment (Dr S Joghee) (2019); PDA, the great debate (2018); Inotropes: Dopamine/Milrinone” (2018); IPASS Handover (2018); SCAN – bladder & UVC (2018); OSCE training/practice (2018); TNE training session (2016-2017); Hemodynamics (2017); “Fluid metabolism” (Dr Goswami) (2017); Ethics dilemma (2016-2017); Structured Oral Exam, “spotter station” (2017); Pathophysiology of PDA (Dr Samed) 2016; Polin fetal GI tract development (2016); Basic measurements and assess of cardiac function (2015): Mock OSCE, RSV transport (2015)

2016 – Present **Pediatric Residency Academic Half Day, Instructor**
ProSkills: NRP 8th Editions Updates (2022); Neonatal Sepsis (2020-2021); PIV, UVC, LP (2020)
OSCE overview sessions (2019-2021); STACER Information session (2021); NRP 8th Edition Updates (2021): Introduction to Point of Care Ultrasound (POCUS) (2021); SCAN workshop – “cardiac simulator station (2018); PDA in neonates (2016)

2014 – Present **Neonatal Resuscitation Program (NRP) – Instructor/organizer**
Pediatric Residents – Yearly instruction for incoming R1s, bi-yearly recertification courses for R2-R4s
Nursing/faculty – yearly training courses as required
PACE – quarterly courses for community clinicians

2018 - Present **Advanced Neonatal Skills Simulation Training Instructor** ACH, KidSim Lab, Calgary, AB
Pericardiocentesis, Paracentesis

2017- Present **Mentoring:**
Junior Colleague, Neonatologist-junior faculty member (2019-present)
Susan Knechtel, Pediatric Resident, CBD faculty advisor, Calgary, AB (2019-present)
Anna Schwalfenberg, Pediatric Resident, Calgary, AB (2018-2020)
Rana Ismail, NPM Fellow, Calgary, AB (2017-2020)
Elhaytham ElSayed, NPM Fellow, Calgary, AB (2017-June 2019)
Harkirat Bhullar, NPM fellow, Calgary, AB (Jan 2022 - present)

Nov 10, 2021	Instructor, POCUS SCAN session, "PIV, pericardiocentesis, paracentesis, cranial", ACH, Calgary, AB
Oct 29, 2021	Instructor, Neonatal adaptation and shock, Pediatric Surgery Lecture, University of Calgary
July 2019	Instructor, Pediatric Residents (R1s), "UVC insertion/LP" for orientation day, Alberta Children's Hospital
Aug 2014 – Sep 2017	Instructor, Bedside teaching, TNE teaching, Neonatal Perinatal Fellows Rockyview General Hospital
Aug 2016	Instructor, Procedural skills day, "UVC insertion and PPV administration with MRSOPA correction", Pediatric Residents, Alberta Children's Hospital
Jan 2012	Presenter, Advances of Paediatrics, "Update on Congenital Diaphragmatic Hernia" BCCH Vancouver
Dec 2011	Presenter, Perinatal Rounds, "Vernix Caseosa Meningitis in an Infant with Meningomyelocele", BCCH, Vancouver
Nov 2010	Clinical Associates Teaching Day, "Twin Twin Transfusion Syndrome", BCCH, Vancouver
Sep 2010	Advances of Paediatrics, "Hypoxic-ischemic encephalopathy, an update on cooling therapies", BCCH, Vancouver

iii. Continuing Medical Education:

Jan 2021	Co-Presenter, Neonatal Grand Rounds: "Goals of Care Discussions: NICU Edition", Calgary, AB
Jul – Sep 2019	Instructor/organizer, Advanced Neonatal procedures – simulation boot camp" ACH, KidSim lab
Apr 2019	Presenter, Neonatal Journal Club: "Duration of Initial Empirical Antibiotic Therapy and Outcomes in Very Low Birth Weight Infants", Calgary, AB
Apr 2019	Co-Presenter, Neonatal Clinical Rounds: "CNN VAP definition", Calgary, AB
Feb 2019	Presenter, Pediatric Surgical Rounds: "Futility in the NICU", Alberta Children's Hospital
Dec 2018	Presenter, Neonatal Grand Rounds: "Futility in the NICU", Calgary, AB
Feb 2018	Co-presenter, Sonographic Clinical Assessment of the Newborn (SCAN) Workshop, "Suprapubic bladder tap" and Facilitator "Cardiac simulator station", Banff, AB
Dec 2017	Presenter, Neonatal Clinical Rounds: "PICU/NICU Mortality review cases", Calgary, AB
Nov 2017	Presenter, Obstetrics and Neonatology Dialogue Retreat, "Perinatal E.coli Threat", Calgary, AB
Jun 2017	Presenter, Neonatal Grand Rounds: "Neonatal Arterial Hypertension", Calgary, AB
Sep 2016	Instructor, NRP based simulation, 3 case scenarios, for RGH ER personnel, Calgary, AB
Dec 2, 2014	Co-presenter, Neonatal Grand Rounds, "PPHN - A New Look at Physiology and Management", Calgary, AB
Mar 2014	Presenter, Neonatal Journal Club, "HR Variability and Neurological Outcome" Calgary, AB

iv. Community Education:

Jul 2016- present	Instructor/organizer, NRP Course through PACE (Pediatric Acute Care Education), mixed learners, 4 sessions per year, Alberta Children's Hospital, Calgary, AB
Jun 2014	Alberta Neonatal Nursing Association: "Transfusion Associated NEC"

v. Service to Education

Oct 2014-present	OSCE Facilitator, Alberta Children's Hospital, Calgary, AB
Sep 2014-present	STACER Preceptor, Pediatric Residents, Alberta Children's Hospital, Calgary, AB
Nov 2020-present	CPPD – OSCE vetting; OSCE oversight for general pediatrics program, Calgary, AB

Mar 2021	CaRMS Interviewer, Department of Pediatrics, Calgary, AB
Nov 2020	Structured Oral Exam (SOE) facilitator, NPM Fellows, Calgary, AB
July 2020	Curriculum Development, ProSkills Training: a comprehensive skills training program in pediatric procedures for CBD (Competency by Design) for Pediatric Resident Academic Half Day, Calgary, AB
Jan 2016-2020	Coordinator, PGME Teaching Schedule for NICU (Pediatric Residents, NPM Fellows), assigning lecture topics, summative evaluations, facilitator, preceptor and advisor, Calgary Zone NICUs
2018/2019	Master's Thesis Advisor, Sara Howell, Libin Cardiovascular Institute of Alberta (Dr Tyberg)
Aug 2018 -2021	Curriculum development and organizer: Advanced Neonatal Procedures – A simulation based boot camp, Neonatal Perinatal Fellows/Pediatric Residents/Clinicians, MOC 3 Credits, Alberta Children's Hospital KidSIM
May 2019	Interviewer, Candidacy Examination for Natalie Scime in Community Health Sciences, University of Calgary
Apr 2019	Interviewer/reviewer, MMI admission interviews, Calgary, AB
Mar 2019	OSCE Chair, RTC Training, 10 residents
Nov 2017-present	CaRMS File Reviewer, Calgary, AB
May 2014 - Present	CaRMS Interviewer, Neonatal Fellowship, Foothills Medical Centre, Calgary, AB ad hoc basis

VI. ADMINISTRATIVE RESPONSIBILITIES

Calgary Zone - Chair

Jul 2020 – present	Rotation Review Committee, General Pediatrics Residency Program (RPC) – Assistant Program Director
Mar 2016 – present	Neonatal Mortality Review Committee, Quarterly, Calgary Zone -Oversee all reviews, submit summaries to Quality Assurance Committee
Sep 2018 – 2020	FMC Infection Prevention Committee, Monthly, Calgary Zone -Oversee review and follow up of all infectious cases, ensure IPC learning provided to residents at the beginning of every block

Calgary Zone -Member

Sep 2020 – present	Perinatal Mortality Review Committee (Dr Ekwalinga)
June 2020 – present	RPC – Competence Committee (Dr Amin)
Sep 2017-present	FMC Quality Assurance Committee (QAC) (Dr Amin/ Brian Zarsky)
Jul 2017 – present	Residency Perinatology Committee (RPC) (Dr Murthy) Candidate selection interviews RPC Research Subcommittee member (Dr Soraisham)
May 2017 – present	Sonographic Clinical Assessment of the Newborn (SCAN), secretary/treasurer (Dr Al Awad)
Feb 2017 – 2021	Section of Neonatology Executive Committee (Dr Lacaze), elected member for 2yr term, re-elected additional 2 years.
Oct – Dec 2020	Search and Selection (Dr Anselmo), Neonatologist position Candidate selection interviews, selection meeting
Sep 2019	Search and Selection (Dr Leaker), Locum Neonatologist position
Nov 2017- Feb 2018	Neonatal Search and Selection Committee member (Dr Kellner) Interviews with written reports - 6 candidates, selection meetings
Apr 2016 – 2021	ACH Clinical Ethics Committee (Kim Stevers)
2015 – present	Pediatric Residency Program (Dr Sandhu):

- Neonatology delegate (2015-2020)
 - Assistant Program Director clinical curriculum (2020-present)
 Apr 2016 – 2018 FMC Compassionate Care Committee (Jen Orton)
 Mar 2014 -2018/ Infection Prevention Committee (IPC), (Dr Elsharkawy)
 Sep 2020 – present
 Apr 2014 -present ACH Advisory Committee (Dr Howlett)
 Nov 2013-present FMC Steering Committee (Bryan Peffers)
 Jul 2013 - present Neonatal Research Group (NRG) (Dr Yusuf)
 Jul 2013 – present Point of Care Ultrasound (POCUS) – *formally Targeted Neonatal Echocardiography (TNE)* (Dr Soraisham)
 Jul 2013 –Oct 2015 RGH Attending group ‘Meeting of the Minds’ (Dr Clark)
 May 2020 – present RGH Attending group meetings (Dr Zein)

Provincial - Member

Jul 2018-present Breastfeeding Staff Education Working Group (Lynnea Knight) – multidisciplinary group to design AHS online modules for staff education
 Mar 2016 – 2019 Provincial Neonatal Palliative Care Committee (Dr Kumaran)
 Committee authored a provincial Clinical Practice Guideline –“Neonatal Palliative Care”
 Sep 2017-2019 Provincial Neopal (neonatal palliative care working group) Goals of care provincial resource document for NICU
 Jan 2014 – present Provincial Perinatal Quality Assurance Committee (Dr L. Hendson / Dr P. Brain)

National - Member

Jan 2020-present CPS Self-Assessment advisory group (Laura Cox)
 July 2017-present CPS Self-Assessment Committee (Dr Millette)
 July 2016 – present Canadian Pediatric Society (CPS), NPM section executive member (Dr E Finan)
 • Elected Secretary Treasurer (July 2018 – present)
 • Member at large (July 2016 – July 2018)

VII. PROFESSIONAL ACTIVITIES

i. Membership in professional and learned societies:

- LIBIN Cardiovascular Institute of Alberta (since May 2019)
- Alberta Medical Association (AMA)/Canadian Medical Association (CMA)
- Canadian Neonatal Network (CNN)
- Canadian Paediatric Society (CPS)
- District VIII Section on Perinatal Paediatrics-AAP
- Canadian Medical Protective Association (CMPA) (since 2017)
- European Association of Allergology and Clinical Immunology (EAACI)
- Swiss Paediatric Society (SGP)
- Neonatal Perinatal Medicine (NPM) executive – secretary/treasurer (since July 2018)
- PanAmerican Hemodynamics Collaborative (Patrick McNamara)

ii. Professional Service:

Journal Reviews

Jan 2022 “Nasal CPAP versus Bi-level CPAP for Early Rescue Treatment of Respiratory Distress Syndrome in Preterm Infants”, PCH-ART-21-185 Paediatric & Child Health.
 Jan 2022 “Perinatal origins of adult disease and opportunities for health promotion: a narrative review”, jpm-1523490 J of Personalized Medicine, Nobile S, Di Sipio Morgia C, Vento G.

- Oct 2021 "Pulmonary Artery dopplers for early prediction of risk for Bronchopulmonary Dysplasia in Extremely Low Birth Weight babies", JCU-21-638 J of Clin ultrasound.
- Aug 2021 "Utilizing Near infra-Red Spectroscopy to identify Physiologic variations during Digital Retinal Imaging in Preterm Infants", 21-853 J Perinatol, Vaidya R.
- Aug 2021 "Changes in cerebral oxygenation in premature infants at risk for periventricular-intraventricular hemorrhage and posthemorrhagic ventricular dilatation", 21-Aug-M-0579 Am J of Perinatology.
- Aug 2021 "Association of antenatal terbutaline and respiratory support requirements in preterm neonates", 21-Jul-M-0519 Am J of Perinatology, Accepted.
- Aug 2021 "Comparisons of the two definitions of Bronchopulmonary Dysplasia for the prematurity infants", 21-Jul-M-0544 Am J of Perinatology, Rejected.
- Aug 2021 "Severe hypocalcemia and seizures after normalization of pCO₂ in a patient with severe bronchopulmonary dysplasia and permissive hypercapnia", Case Reports in Perinatal Medicine, Heike Jahnke editor, crpm.2021.0039, Accepted.
- May 2021 "The association between antibiotic exposure and bronchopulmonary dysplasia in premature infants", 21-May-M-0404 Am J of Perinatology, Anup Katheria.
- Jan 2021 "What is the Optimal Initial Dose of Epinephrine During Neonatal Resuscitation in the Delivery Room?" Vali P, Weiner G, et al. (Paper #20-1330), Journal of Perinatology - accepted with minor revisions.
- Jan 2021 "The Development of a Simulated Umbilical Line Insertion Model and Curriculum in the Neonatal Intensive Care Unit", Sunayna Gupta, Cereus.
- July 2020 "Hand Hygiene in the Neonatal Intensive Care Unit: Exploring Current Practices and Adherence Barriers in a Canadian Hospital", (PCH-ART-20-088). Sachin Pasricha et al, Queens University, Kingston, ON, Canada, submitted to Paediatrics & Child Health June 18, 2020, Accept with major revisions.
- May 2019 "Acute Kidney Injury Is Associated with Bronchopulmonary Dysplasia in Premature Neonates Born 29-32 Weeks Gestation", 19-May-M-0247 by Starr M, Seattle, Washington, submitted to American Journal of Perinatology.
- Jan 2019 "N-terminal pro-brain natriuretic peptide used for screening hemodynamically significant patent ductus arteriosus in very low birth weight infants: How and when?" Ying L, Juang Z, Zhang A, et al; BMC Pediatrics - BPED-D-18-01094, Dr J.Ting Editor.
- Nov 2018 "Echo-guided Surfactant THERapy (ESTHER): a quality improvement project to ameliorate the timeliness of surfactant replacement", Raschetti, R et al, Paris
- Aug 2018 "Low body weight predicted cardiac and respiratory complications in retinopathy of prematurity surgeries: a retrospective cohort study", BPED-D-18-00528, BMC Pediatrics, Dr Lodha Editor; Recommendation – Reject.
- June 2018 "Methods of surfactant administration and early ventilation in NICU in New South Wales and the Australian Capital Territory", H Aly, J of Neonatal Perinatal Med,18-0074.
- Dec 2017 "Adding Paracetamol to Ibuprofen for the Treatment of Patent Ductus Arteriosus in Preterm Infants: A Double Blind, Randomized, Placebo-Control Pilot Study", O Hochwald Manuscript#: 20172996, J of Pediatr.
- Oct 2017 "A gradient relationship between low birth weight and IQ: A meta- anyalysis" by Prof Song et al. Scientific reports@nature.com.
- Jun 2015 "Accuracy of transcutaneous carbon dioxide measurements in pretmature infants" M. Janailac, s. Labarinas, R. Pfister, O. Karam: BioMed Central for BMC Pediatrics Research article.
- Dec 2014 "Decreased Hazard of Necrotizing Enterocolitis in Preterm Neonates Receiving Red Cell Transfusions", Pediatrics: 2014-3760.
- Oct 2014 "Gut Reactions to Blood Transfusions", Pediatrics: 2014-3760.
- Jul 2014 "Near Infrared Spectroscopy as a Biomarker for Transfusion Associated Necrotizing

- Enterocolitis”, Pediatrics: 2014-1780.
 Jan 2014 “The Relationship between Feeds, Transfusion and Necrotizing Enterocolitis”, Pediatrics 2013-3866.

VIII. RESEARCH SUPPORT

Principal Investigator

1. Advanced neonatal procedural skills – A simulation-based boot camp. August 2018 – August 2020
 Awarded \$5,000 from Office of Health and Medical Education Research and Innovation Funding (OHMES) Jan 2019
2. Assessment of cardiac filling for neonatal high risk transport personnel. **Stritzke A**, Murthy P, Thomas S, Co Principal Investigator, Department of Pediatrics, Section of Neonatology Awarded \$10,000 equipment grant, May 2017-May 2018
3. Impact of Red Cell Transfusion on Superior Mesenteric Artery Flow Patterns and intestinal Oxygenation in Fed Preterm Neonates (SPARTAN: Sma PAttern Related to TrAnsfusion in Neonates). January 2015 – June 2016, Innovation Award funding \$24,996, extended to Dec 2018

Co-Investigator

1. *Therapeutic Hypothermia in Neonates with Hypoxic ischemic encephalopathy and severe congenital heart disease.* Mohammad K, Gurram Venkata S, **Stritzke A**. PAS submission 2022
2. *Does Hydrolyzed Formula reduce the Risk of Developing Type 1 Diabetes Mellitus in Infants at Risk compared to Non-hydrolyzed formula? – A Systematic Review and Meta-Analysis.* Abul A, Murthy P, **Stritzke A**, Robertson HL, Lodha A. Abstract PAS 2022
3. *Enhancing Safe handover at FMC NICU.* QI, Abul A, Murthy P, Soraisham A, **Stritzke A**. 2021 - present
4. *Efficacy of Pharmacologic Therapy for Patent Ductus Arteriosus Closure in Preterm Newborns According to Their Gestational Age-Specific Z-Score for Birth Weight.* Srivastava A, Soraisham S, **Stritzke A**. PAS submission 3535059
5. *Targeting Cerebral Perfusion to Prevent Intraventricular Hemorrhage in Extremely Preterm Infants.* Keister F, **Stritzke A**, Leijser L. 2021
6. *Alberta Post-Preeclampsia Longitudinal Evaluation Study (APPLES).* Nerenberg K, Hawkins T, Metcalfe A, **Stritzke A**, et al, REB17-0825_MOD3, multi departmental
7. *Effect of blood transfusions on the oxygen affinity of cord blood.* Department of Pediatrics, Section of Neonatology 2016-2018
8. *Initiation of resuscitative care on placental perfusion.* Thomas S, Singhal N, Soraisham A, Abou Mehrem A, **Stritzke A**, et al. Awarded Internal \$10,000 for research budget January 2015
9. *Impact of maternal thiopurine therapy on pregnancy outcome and fetal anemia.* Metcalf A, Kuret, B, Leung Y, Seow C, **Stritzke, A**, MSI grant \$49, 000/a for 2 yrs, \$9,999 by ACG Aug 2015-2017, extension to July 2018
10. *Pulmonary Hypertension in Preterm Infants with Bronchopulmonary Dysplasia and their Outcomes-A Prospective Study.* Mallinckrodt Young Investigators Research Fund \$9,958, July 1, 2015-July 1, 2017

IX. INVITED ADDRESSES/PRESENTATIONS

i. Invited Addresses

- Nov 2019 “Arterial Hypertension”, Respiratory Health care group, Royal Columbian Hospital, Port Coquitlam, BC
 Oct 2019 “Arterial Hypertension”, Respiratory health care group, Surrey Memorial Hospital, Surrey, BC
 Jun 2019 “Sonographic Clinical Assessment of the Newborn (SCAN)”, facilitator cardiac simulator station, Alaska, 2 presentations
 May 2019 “Neonatal cardiovascular health in Calgary”, Calgary Health Trust, 150 attendees

- Oct/Nov 2018 “Sonographic Clinical Assessment of the Newborn (SCAN).” India, 4 presentations, 120 total participants
- Sep 2018 “Arterial hypertension in neonates.” International Conference on Pediatrics and Primary Care, Zurich, Switzerland
- Feb 2015 “Taller de ecografía funcional cardiaca y cerebral de neonatología” PDA and post ligation syndrome, Pulmonary hypertension, Hospital Carlos Andrade Marin, Quito, Ecuador
- Jun 2014 “Transfusion Associated Necrotizing Enterocolitis”, Alberta Neonatal Nursing Association, invited speaker
- Jan 2011 “Transfusion Associated Necrotizing Enterocolitis (TANEC) in Neonates: Single Site.” 32nd Western Conference on Perinatal Research, Palm Springs, USA (January 12-14)

ii. Presentations

- Jul 2019 “Antibiotic Stewardship in the NICU” poster presentation by student Faith Keister at ACHRI summer student presentation day
- Jun 2018 “Rates of Newborn Anemia Exposed to Thiopurine Therapy are not Higher Compared to Non Exposed Population” (2911226) Digestive Disease Week, Washington Convention Center, Washington, DC
- May 2018 “Use of just-in-time training module and high fidelity simulation improved trainee competency in neonatal cranial ultrasonography” K. Mohammad, C. Fajardo, F. Aguinaga, P. Murthy, A. Soraisham, **A. Stritzke**, E. Al Awad, S. Thomas, PAS
- May 2018 “Early inotrope use is associated with higher risk of death and/or severe brain injury in extremely premature infants” A. Abdul Aziz, S. Thomas, P. Murthy, A. Patel, J. Scott, J. Rabi, A. Howlett, A. Soraisham, **A. Stritzke**. PAS
- May 2018 “Association between intraventricular hemorrhage (IVH) and the treatment of patent ductus arteriosus (PDA) in extreme preterm infants” I Khanafer, A Soraisham, **A Stritzke**, E Al Awad, S Thomas, P Murthy, M Kamaluddeen, K Mohammad, PAS
- May 2018 “Does the Timing of medical treatment of Patent Ductus Arteriosus (PDA) have an impact on the success of treatment in preterm infants?” I Khanafer, K Mohammad, CPS Poster Presentation
- May 2017 “Prophylactic propranolol in prevention of severe retinopathy of prematurity in premature infants born ≤ 32 weeks gestational age: A systematic review and meta-analysis” **Stritzke A**, Kabra N, Kaur S, Robertson HL, Lodha A. PAS
- May 2017 “Does postmenstrual age have an association with response to pharmacological management of hemodynamically significant PDA in preterm newborns?” S. Kaur, **A. Stritzke**, A. Soraisham, CPS Poster presentation (May/June)
- May 2017 “The Impact of Timing of Umbilical Cord Clamping on Cord Blood Gas Results”, Clara Christie Research Day, Co-Investigator, Best Poster Presentation
- May 2014 “*Managing Infant Stress during Targeted Neonatal Echocardiography in the NICU: A Randomized Controlled Trial*”, Pediatric Academic Society Poster Presentation (abstract # 751315) Holsti PhD, OT, **A. Stritzke** MD, E. Kwan PhD, J. Ting MBBS, MP, PJ. McNamara MB, A. Jain MRCPC, P. Brooks MBBS, E. Chakkarapani MRCPC M, R. Brant PhD, D. Human BM, FRCPC, PM. Lavoie, MD, PhD, PAS
- Dec 2005 “Moebius Syndrome, Case Presentation”. <http://www.neonet.ch>. Swiss Society of Neonatology

X. PUBLICATIONS

i. Peer reviewed

1. **Stritzke A**, Tierney A, Keister F, et al. *Antimicrobial Stewardship at Birth in Preterm Infants: Not Just*

- About a Decrease!* *Pediatr Infect Dis J*, Jan 2022 (online) DOI: 10.1097/INF.0000000000003462
2. **Stritzke A**, Ismail R, Rose SM, Lyon AW, Fenton T. *Cord-Blood Derived Chemistry Reference Values in Preterm Infants for Sodium, Chloride, Potassium, Glucose, and Creatinine*. *Am J Perinatol*. Jan 2022 (online). <https://doi.org/10.1055/a-1730-8536>
 3. Ismail R, Murthy P, Abou Mehrem A, Liang Z, **Stritzke, A**. *Fluid handling and blood flow patterns in neonatal respiratory distress syndrome versus transient tachypnea: a pilot study*. *BMC Pediatrics*, Dec 2021 21:541.
 4. Perlsteyn M, **Stritzke A**. *The catch with urine: A justification for ultrasound-guided suprapubic tap in the NICU*. *Paediatrics & Child Health*, Aug 2021, 1-2. <https://doi.org/10.1093/pch/pxab055>
 5. **Stritzke A**, Mills L. *Large Left Ventricular Thrombus in a Neonate — A Rare Complication of Severe Persistent Pulmonary Hypertension of the Neonate*. *Indian Pediatr* 58, 793 (2021). <https://doi.org/10.1007/s13312-021-2293-4>
 6. **Stritzke A**, Bhandari V, Lodha A. *Use of Inhaled Nitric Oxide in Preterm Infants: Is There Sufficient Evidence?* *Indian J Pediatr*. 2021, July 21. PMID: 34287800 DOI: 10.1007/s12098-021-03827-0
 7. Joghee S, Srivastava A, **Stritzke A**. *Anterior urethral valves- An unusual cause of hydrops fetalis*. *J Pediatr Perinatol Child Health* 2020;4 (2):31-7.
 8. **Stritzke A**. *Renal arterial Doppler perfusion pattern with and without ductal steal*. *J Pediatr*. 2020 May 3:S0022-3476(20)30565-5.
 9. Mohammad K, Murthy P, Aquinaga F, et al. *Simulation-Based Structured Education Supports Focused Neonatal Cranial Ultrasound Training*. *J Ultrasound Med* 2019; 9999:1-7.
 10. Khanafer I, Soraisham A, **Stritzke A**, et al. *Intraventricular hemorrhage: risk factors and association with patent ductus arteriosus treatment in extremely preterm neonates*. *Frontiers in Pediatrics*, 2019
 11. **Stritzke A**, Soraisham A, Murthy P, et al. *Neonatal Transport Clinician Performed Ultrasound Evaluation of Cardiac Function*. *Air Medical Journal* 2019 July.
 12. **Stritzke A**, Kabra N, Kaur K, et al. *Oral propranolol in prevention of severe retinopathy of prematurity: A systematic review and meta-analysis*. *J perinatology* 2019.
 13. **Stritzke A**, MacPherson J. *Split frenulum: Nonaccidental trauma or frenotomy?* *Paediatr Child Health*. 2019 May; 24(2):72-73.
 14. **Stritzke A**, Murthy P, Kaur S, et al. *Arterial flow patterns in healthy transitioning near-term neonates*. *BMJ Paediatrics Open*. 2019 Feb 14.
 15. Kaur S, **Stritzke A**, Soraisham AS. *Does Postmenstrual Age Affect Medical Patent Ductus Arteriosus Treatment Success in Preterm Infants*. *Am J Perinatol* 2019 Feb 8.
 16. Abdul Aziz AN, Thomas S, Murthy P, Rabi Y, Soraisham A, **Stritzke A**, et al. *Early inotropes use is associated with higher risk of death and/or severe brain injury in extremely premature infants*. *J Matern Fetal Neonatal Med*. 2019 Jan 24:1-8.
 17. Vayaltrikkovil S, Vorhies E, **Stritzke A**, Bashir RA, Mohammad K, et al. *Prospective study of pulmonary hypertension in preterm infants with bronchopulmonary dysplasia*. *Pediatr Pulmonol*. 2019 Feb 03; 54(2):171-178.
 18. Aziz AA, **Stritzke A**. *Giant transient dural sinus dilatation with neonatal nuchal cord*. *Pediatr Neonatol*. 2018 Aug 20.
 19. **Stritzke A**, Shah PS. *Erroneous conclusion due to mis-calculation of data: reply to Rai SE, Sidhu AK, Krishnan RJ. Transfusion-associated necrotizing enterocolitis re-evaluated: a systematic review and meta-analysis”* *J Perinat Med* 2017. *J Perinat Med* 2018 Feb 22.
 20. **Stritzke A**, Thomas S, Amin H, Fusch C, Lodha A. *Renal consequences of preterm birth*. *Mol Cell Pediatr*. 2017 Dec 03;4(1):2.
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iii. **Abstracts**

1. Targeting Cerebral Perfusion to Prevent Intraventricular Hemorrhage in Extremely Preterm Infants. Pediatric Academic Society, 2021; Canadian National Perinatal Research Meeting 2021 and The Newborn Brain Society Conference 2022
2. Rates of Newborn Anemia Exposed to Thiopurine Therapy are Not Higher Compared to Non Exposed Population. Gastroenterology 2018

iv. **Clinical Practice Guidelines/Curriculum Development**

1. “Point of Care Ultrasound (POCUS) Selective”; Rotation Specific Objectives. Pediatric Emergency Medicine Subspecialty Residency – University of Calgary, Oct 2021
2. “Neonatal Palliative Care Guideline”, Provincial CPG, developer-Neonatal Palliative Care Committee, 2019
3. “Ultrasound guided suprapubic bladder tap” CPG addition, Department of Pediatrics, Section of Neonatology, developer – TNE group, Nov 2016
4. “Herpes simplex neonatal management”, New CPG, Department of Pediatrics, Section of Neonatology, developer – IPC and pediatric infectious diseases, July 2016
5. “PDA management”(principal author A. Soraisham), Department of Pediatrics, Section of Neonatology, reviewer, Oct 2016