



# CNN-CPTBN Research Meeting II

## Thursday April 8, 2021 [1400 - 1700 hr Eastern Time]



Moderator: Prakesh Shah

Eastern Time

1400 - 1405 Welcome and Introductions

### CNN Early Career Investigator Award

1405 - 1420 Long-term survival and neurodevelopmental outcomes of very-preterm infants born in Canada between 2009 and 2016

**Ricci MF**, Shah P, Moddemann D, Alvaro R, Ng E, Lee SK, Synnes A



### CNN / CNFUN / CPTBN / iNeo Abstracts

1420 - 1425 Association of 24-hour in-house neonatologist coverage with outcomes of extremely preterm infants.

**Debay A**, Shah PS, Lodha A, Shivananda S, Redpath S, Seshia M, Dorling J, Lapointe A, Canning R, Strueby L, Beltempo M

1425 - 1430 Determinants of neurosensory impairment in infants born extremely preterm: comparison of the Canadian Neonatal Network, EPIPAGE 2, and the Australian and New Zealand Neonatal Network

**Chevalier M**, Debillon T, Darlow B, Synnes A, Pierrat V, Hurrion E, Yang J, Ancel PY, Ego A, Lui K, Shah P, Luu TM

1430 - 1435 Neonatal intensive care unit occupancy rate and probability of discharge of very preterm infants in a regionalized healthcare system

**Sargi E**, Patel S, Piedboeuf B, Lapointe A, Taylor-Ducharme S, Morin S, Beltempo M

1440 - 1445 Neurodevelopmental Outcomes of Extremely Preterm Infants with Late Onset Bacterial Sepsis According to Type of Bacteria

**Roychoudhury S**, Lodha A, Synnes A, Ting J, Augustine S, Afifi J, Bizgu V, Shah PS, Soraisham A

1445 - 1450 Use of high initial oxygen concentration for Delivery Room resuscitation is associated with increased mortality in extremely preterm infants

**Styranko D**, Shah PS, Ye XY, da Silva O, Piedboeuf B, Afifi J, El-Naggar W

1450 - 1455 Escalation of oxygen concentration during Delivery Room resuscitation of extremely preterm infants

**Styranko D**, Shah PS, Ye XY, Ethier G, Emberley J, El-Naggar W

1500 - 1505 Neurodevelopmental outcomes at 18-21 months corrected age of preterm neonates less than 29 weeks gestation who developed a pneumothorax

**Armour E**, Synnes A, Alshaikh B, Lodha A, Masse E, Fajardo C, Shah PS, Yusuf K

1505 - 1510 Effect of blood transfusion on outcomes of singleton preterm infants < 33 weeks gestation born small for gestational and appropriate for gestational age

**Hamid F**, Beltempo M, Alshaikh B, Ng E, Kanungo J, Shah PS, Yusuf K

1510 - 1515 Stratifying the risk of neurodevelopmental impairment based on postmenstrual age of receipt of postnatal steroids in preterm infants

**Kandraju H**, Jasani B, Shah PS, Church P, Luu TM, Ye XY, Shah V

1520 - 1525 Regional neonatal intensive care unit occupancy rate and access to appropriate level of care for very preterm infants in a regionalized healthcare system

**Patel S**, Piedboeuf B, Drolet C, Lapointe A, Bizgu V, Masse E, Beltempo M

1525 - 1530 Neurodevelopmental outcomes of singleton large for gestational age infants < 29 weeks gestation: A retrospective cohort study

**Rustogi D**, Synnes A, Alshaikh B, Hasan S, Drolet C, Masse E, Hasan S, Murthy P, Shah PS, Yusuf K



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1530 - 1535	Trends in Costs for Extreme Preterm Care in Canada between the Years 2010 to 2019	<b>Yeung T</b> , Rio JD, Beltempo M, Khurshid F, Toye J, Ojah C, Lee SK, Pechlivanoglou P, Shah PS
1535 - 1540	The Association of Neonatal Intensive Care Unit Design Change and Move with Neonatal Outcomes - A Multicentre Study	<b>Attari Z</b> , Patel S, Saeed S, Drolet C, Bizgu V, Charbonneau L, Lapointe A, Massé E, Bertelle V, Platt R, Piedboeuf B, Beltempo M
1540 - 1545	Early weight changes and short-term neonatal outcomes in preterm infants < 29 weeks gestation	<b>Zozaya C</b> , Aziz K, Singhal N, Ye XY, Drolet C, Emberley J, Lee KS, Shah V

### 1545 - 1600 Break

1600 - 1605	In Canada, which pregnant women delivering preterm are at risk of not receiving antenatal steroids?	<b>Pylypjuk C</b> , Murphy K, Liauw J, Helewa M, Louis D, Seshia M, McDonald S
1605 - 1610	Poractant alfa versus bovine lipid extract surfactant for respiratory distress syndrome in preterm infants: a prospective comparative effectiveness cohort study	<b>Lemyre B</b> , Bodani J, Louis D, Monterrosa L, Mukerji A, Shah PS
1610 - 1615	Reduction of antimicrobial usage in very-low-birth-weight infants receiving prophylactic probiotic administration	<b>Ting JY</b> , Yoon E, Fajardo C, Daboval T, Bertelle V, Shah PS
1620 - 1625	Regional variations in length of stay and readmission of preterm infants in Canada	<b>Beltempo M</b> , Ye XY, Synnes A, Piedboeuf B, Bacchini F, Shah PS
1625 - 1630	Association of unit occupancy and nurse staffing with mortality and morbidity among very preterm infants: a multicentric study	<b>Beltempo M</b> , Platt R, Julien AS, Blais R, Bertelle V, Lapointe A, Lacroix G, Gravel S, Cabot M, Piedboeuf
1630 - 1635	Umbilical artery and vein gas values for diagnosis of extremely preterm with death or intraventricular hemorrhage or infection in first 7 days	<b>Shah PS</b> , Claveau M, Cieslak Z, Makary H, Monterrosa L, Sherlock R, Beltempo M
1635 - 1640	Apgar score at 5 minutes and outcomes of extremely low gestation neonates: Association, predictive characteristics and validation	<b>Shah PS</b> and iNeo Collaborators

### Affiliated Network Update

1645 - 1700	Canadian Neonatal Follow Up Network (CNFUN)	Anne Synnes & Thuy Mai Luu
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