

## CAPWHN 6<sup>th</sup> National Conference - Poster Presentations

### **P01**

#### **Skin-to-Skin During Newborn Metabolic Screening Tests**

**Authors:** Heather Coutts RN; Grace Han RN BScN IBCLC; Reichelle Prefontaine RN BScN; Cyriac Cinol RN BScN; Carol Pullen; Wilma Haughton

**Purpose:** To promote newborns utilizing skin-to-skin with their mothers during the newborn metabolic screening process.

#### **Learning Objectives:**

- Describe benefits of skin-to-skin between infants and mothers
- Identify ways that nursing staff and laboratory staff can facilitate skin-to-skin during newborn metabolic screens
- Explain how skin-to-skin can be utilized as a form of analgesia

**Presenter:** Heather Coutts, Misericordia Community Hospital, Covenant Health, Edmonton AB

### **P02**

#### **Increasing Exclusive Breastfeeding Rates - Meeting the Needs of Today's Mothers**

**Authors:** Janine Jackson RN BScN MN; Sarah Thomas RN BScN (Hons)

**Purpose:** Discuss the innovative concepts used by The Scarborough Hospital to increase exclusive breastfeeding rates.

#### **Learning Objectives:**

- Describe results from the exclusive breastfeeding rate gap analysis
- Share innovative concepts used by The Scarborough Hospital to increase exclusive breastfeeding rates
- Describe the use of early education and technology to enhance exclusive breastfeeding rates

**Presenters:** Janine Jackson and Sarah Thomas, The Scarborough General Hospital, Scarborough ON

### **P03**

#### **Design and Evaluation of an ehealth Intervention: Breastfeeding Resources**

**Authors:** Jennifer Abbass Dick PhD; Joanne Huizinga RN BScN; Amber Newport RN BScN; Michele Brolly RN BScN MN; Fangli Xie MSc MHSc

**Purpose:** The purpose of this project was to design and evaluate an ehealth intervention. The ehealth intervention consisted of on-line breastfeeding resources designed specifically to target three populations, mothers, fathers/partners, and Indigenous families. The members of each target population were involved in the design and evaluation of the resources.

#### **Learning Objectives:**

- Discuss the effectiveness of ehealth intervention use in providing breastfeeding education
- Describe the three breastfeeding resources designed to target specific populations, young mothers, fathers, and Indigenous families
- Present user feedback regarding the ehealth intervention related to content, usability, and design

**Presenter:** Jennifer Abbass Dick, University of Ontario Institute of Technology, Oshawa ON

#### **P04**

### **Investigating the Effectiveness of a Breastfeeding Education Session Delivered in the Secondary School Reproductive Curriculum on the Breastfeeding Intentions, Knowledge and Attitude of Grade 9 and 10 Females Students**

**Authors:** *Celina Reyes BHSc MHSc Student; Jennifer Abbass Dick RN BNSc MN PhD*

**Purpose:** The purpose of this study was to determine the effectiveness of a breastfeeding education session delivered with the reproduction curriculum in grade 9 and 10 health class on breastfeeding intention, knowledge and attitude. Students' feedback on the session was also obtained.

#### **Learning Objectives:**

- Discuss why breastfeeding education should be added to the secondary school reproductive health curriculum
- Describe the breastfeeding workshop designed to meet the needs of grade 9 and 10 female secondary school students
- Present the findings regarding the impact the breastfeeding education session had on grade 9 and 10 female students' breastfeeding knowledge, attitude and intentions

**Presenter:** Jennifer Abbass Dick, University of Ontario Institute of Technology, Oshawa ON

#### **P05**

### **A Call For Action: An Integrated Perinatal Mental Health Care Pathway for the Calgary Zone**

**Authors:** *Katherine Bright RN BN BSc MN Doctoral Student; Cynthia Mannion RN PhD*

**Purpose:** There is a need to increase the public, health care professionals, and families' knowledge regarding perinatal mental health and the importance of early, timely, and appropriate assessments and interventions. Through early universal screening and a clear care pathway for mental health concerns, nurses have the opportunity to engage women in early mental health interventions including but not limited to therapy, skill development, medications, and psychiatric consultations that will promote healthy pregnancies and postpartum periods.

#### **Learning Objectives:**

- Definition of a care pathway
- Characteristics of care pathways
- Addressing perinatal mental health requires action in five key areas

**Presenters:** Katherine Bright and Cynthia Mannion, Alberta Health Services/University of Calgary, Calgary AB

#### **P06**

### **Can Transcutaneous Bilirubin Measurement Safely Replace Total Serum Bilirubin Measurement for Universal Screening and for Assessment for Phototherapy in Well Newborns 35 Weeks or More Gestation?**

**Authors:** *Laurie Yamamoto RN BScN MHSc; Alida Bowman RN BScN MScN; Stephen Hill; Janet Simons MD BSc; Meghan Jamieson 4th Yr. BScN Nursing Student; Eunice Antwi-Boasiako 3rd Yr. BScN Nursing Student; Jordan Field 3rd Yr. BScN Nursing Student*

**Purpose:** To compare transcutaneous bilirubin (TcB) jaundice meter measurements to total serum bilirubin (TSB) laboratory test results in well newborns 35 weeks or more gestation to determine if the TcB measurements can provide an acceptable estimate of the TSB results and replace laboratory analysis in healthy, term and late pre-term newborns within an acceptable margin of safety.

**Learning Objectives:**

- Understand the analytical accuracy of TcB measurements in comparison with TSB lab measurements to change practice to the use of TcB measurement as the primary standard of measurement for both universal discharge screening assessment for hyperbilirubinemia
- Outline the safety parameters for use of the TcB jaundice meter and the quality improvements that TcB measurement will provide related to a decrease in the number of painful procedures for the newborn, potential savings related to laboratory and health care
- To share the outcomes amongst our Local Health Integrated Network hospital sites, midwifery practices and Public Health as part of continuous efforts to provide safe, high quality, evidence-based care for patients and their families throughout our regions

**Presenter:** Laurie Yamamoto, Hamilton Health Sciences, McMaster University Medical Centre Site, Hamilton ON

**P07****Day One Discharge for Cesarean Sections**

**Authors:** *Monica Nicholson RN MN; Carrie Winslade RN*

**Purpose:** An innovative strategy to decrease length of stay for post cesarean section patients while maintaining patient satisfaction and quality of care.

**Learning Objectives:**

- Identify patient and newborn factors that qualify for early discharge
- Discuss aspects that contribute to patient satisfaction with their postpartum recovery and early discharge
- Identify how early discharge affects operational elements of such as length of stay

**Presenters:** Monica Nicholson and Carrie Winslade, Sunnybrook Health Sciences Centre, Toronto ON

**P08****Breastfeeding Support for Mothers of Preterm Infants in Canadian Neonatal Intensive Care Units: An Environmental Scan**

**Authors:** *Natalie Scime BHSc MSc (c); Shauna Burke PhD*

**Purpose:** The purpose of this environmental scan is to identify and investigate the postnatal breastfeeding resources available to mothers of preterm infants in neonatal intensive care units (NICUs) across Canada.

**Learning Objectives:**

- Learn about the diverse and potentially innovative breastfeeding resources available to mothers in NICUs across Canada
- Identify what breastfeeding resources are most and least often utilized and/or accessed in Canadian NICUs
- Identify where gaps in the provision of breastfeeding resources may exist in NICUs across Canada

**Presenter:** Natalie Scime, Western University, London ON

**P09****Coming Together: Discovering the Narrative of Nurses Who Care for Families Experiencing Early Miscarriage**

**Author:** *Patrice Drake RN BSc MN*

**Purpose:** To discover the narratives of nurses who care for families experiencing early miscarriage.

**Learning Objectives:**

- Understand the overview of a proposed research study to discover the perceptions and experiences of Registered Nurses who care for families experiencing early miscarriage
- Learn about a review of the literature that describes the experience of early miscarriage from the families' perspective and the experience of early miscarriage from the Registered Nurses' perspective
- Discover how narrative inquiry could be used as a methodology to use story as data to understand the perceptions and experiences of Registered Nurses who care for families experiencing early miscarriage

**Presenter:** Patrice Drake, University of Prince Edward Island, Charlottetown PE

**P10****Evidence Based Care of Newborn and Infant Diaper Dermatitis**

**Author:** Sharon Dore RN PhD

**Purpose:** To review the physiological basis of diaper dermatitis and present evidence on best prevention and treatment strategies.

**Learning Objectives**

- Review the evidence related to physiology of diaper dermatitis
- Discuss the various causes and types of diaper dermatitis
- Present an ABCDE guide for prevention and care of diaper dermatitis

**Presenter:** Sharon Dore, McMaster University, Hamilton ON

**P11****An Interprofessional Approach: Supporting Postpartum Families through the Development of an Educational Resource**

**Authors:** Sue Hermann RN MN IBCLC PNC(C) CTDP; Monica Nicholson RN MN; Hanna Grosman RN BSc BScN; Shelley Pett CCE; Caite Harvie-Conway BSc BEd IBCLC; Jo Watson RN(EC) PhD IBCLC PNC(C); Batya Grundland MD CCFP MEd; Marie Sanderson

**Purpose:** The purpose of this presentation is to describe an innovative process using the interprofessional team and the family to develop a postpartum teaching resource booklet, available in both print and web format, for use during the family's postpartum stay and post-discharge. By using a collaborative approach and nursing being a key stakeholder, this resource can be used by the interprofessional team to support women and their families to receive consistent information throughout the continuum of care.

**Learning Objectives:**

- Describe the process for involving the interprofessional team and the family in the development of the postpartum education resource
- Outline the benefits and challenges of using an interprofessional team approach
- Describe key learnings and future implications

**Presenters:** Sue Hermann, Monica Nicholson, and Hanna Grosman, Sunnybrook Health Sciences Centre, Toronto ON

**P12****Rockyview Induction of Labour Quality Improvement Project**

**Authors:** Wynne Leung MD FRCSC; Leila Jackson RN BN; Heather Bensler RN MSN; Lorna Spitzke RN BN; Brad Sullivan MD MSC4; Kirk Stephanson MSC1; Selphee Tang PhD

**Purpose:** To present a quality improvement initiative and knowledge translation project to encourage the implementation of best practice guidelines related to labour induction in a multidisciplinary team environment.

**Learning Objectives:**

- Examine the challenges of implementing multidisciplinary practice change
- Discuss the role of knowledge translation in realizing unit-wide multidisciplinary practice change
- Identify relevant KT strategies related to barriers to multidisciplinary practice change

**Presenter:** Heather Bensler, Rockyview General Hospital, Mount Royal University School of Nursing and Midwifery, Calgary AB

**P13**

**What Do You Get When You Cross an Enterostomal Therapy (ET) Nurse and an Obstetrical (OB) Nurse?**

**Authors:** Heidi de Lange RN BScN; Camille Ream RN BScN ET; Rahimah Moosa RN BScN ET

**Purpose:** Development and implementation of dressing guidelines for post operative Caesarean section patients to prevent surgical site infections (SSI) and wound dehiscence

**Learning Objectives:**

- Identify the risk factors for Caesarean section patients
- Discuss how to collaborate resources and opportunities in various areas of expertise to improve patient care
- Recognize recommendations for interventions from dressing guidelines to prevent surgical site infections and wound dehiscence

**Presenter:** Heidi de Lange, Grey Nuns Community Hospital, Edmonton AB