



**Southwestern Ontario  
Maternal, Newborn, Child and Youth Network**

## **2<sup>nd</sup> Quarterly Report 2013-2014**

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## Partner Organizations

### Partner Hospitals:

- Alexandra Hospital
- Alexandra Marine and General Hospital
- Bluewater Health
- Chatham-Kent Health Alliance
- Grey Bruce Health Services
- Hanover & District Hospital
- Huron Perth Healthcare Alliance
- Leamington District Memorial Hospital
- Listowel Wingham Hospital Alliance
- London Health Sciences Centre
- Middlesex Hospital Alliance
- North Wellington Healthcare
- South Bruce Grey Health Centre
- St. Thomas Elgin General Hospital
- Tillsonburg District Memorial Hospital
- Windsor Regional Hospital
- Woodstock Hospital

### Partner Community Care Access Centres:

- South West CCAC

### Partner Public Health Units:

- Middlesex-London Health Unit
- Chatham-Kent Public Health Unit
- Perth District Health Unit
- Windsor-Essex County Health Unit
- Grey Bruce Health Unit
- County of Oxford Department of Public Health & Emergency Services
- Elgin St. Thomas Public Health
- County of Lambton Community Health Services Department

## PREAMBLE

The purpose of the South Western Ontario Maternal, Newborn, Child and Youth Network (MNCYN) is to enable the consistent delivery of safe, quality maternal, newborn, child and youth care across our region. Our Network is seen as adding significant value through its ability to:

- Provide **better health outcomes** through systematic improvements in health promotion, illness and injury prevention, acute and follow-up care and patient safety.
- Provide **better operational management** through improved asset management within the organization and across the region resulting in greater return on investment.
- Provide **better systems integration** through improved communication, program planning, and support resulting in greater coordination across the region.
- **Enhance learning and growth** by promoting and advocating for a consistent standard of care throughout the region.

The MNCYN has been working to make advancements in the above domains through activities and projects sanctioned by the Regional Steering Committee. This Quarterly Report outlines activities underway between **July 1<sup>st</sup> and September 30<sup>th</sup>, 2013**.

## **Report Highlights**

### **MNCYN Strategic Plan 2014-17**

The MNCYN Regional Steering Committee has launched the next MNCYN Strategic Planning cycle, with initial recommendations to be presented to the Committee in spring 2014.

### **Southwestern Ontario Perinatal Capacity Assessment**

One of the first of its kind, this project is taking a population-based approach to determine the levels of maternal-newborn care required to support the needs of the population in Southwestern Ontario. The data collection stage of this project has concluded and we are currently moving forward with the analysis portion.

### **Regional Level II Nursery Skills Competency Tool**

Following the success of the Level I Perinatal Nursing Competencies Tool, MNCYN partners are working on developing a Regional Level II Nursery Skills Competency Tool, using the existing model. Anticipated benefits of this project include, standardizing of core competencies and supporting the implementation of best practices across Southwestern Ontario, with the view of delivering the best care possible, in accordance with the principles of Patient/Family Centred Care. Final draft submitted for review to committee members. To be posted to the MNCYN website soon.

### **Click for Babies**

The Click for Babies Campaign will again be taking place in November across Southwestern Ontario. As in previous years, community support has been overwhelming, with over 3,000 purple hats being donated, from as far as Malta and Sweden!

# REPORT

## I. Perinatal Outreach Program

### 1. Team visits (1):

- Bluewater Health, Sarnia –Case reviews, Discussion re: Order Sets;
- Participation: 11 RNs (incl. 1 Public Health Nurse & 2 students), 9 physicians, 1 Med. Student.

### 2. Courses and Workshops

- **Lunch and Learn - Learning Café (1):**
  - Traumatic Experiences: Supporting Patients and Ourselves For Better Outcomes – Kerrie Ritchie, PhD, C. Psych, clinical and Health Psychologist, Ottawa Hospital - 3 sites registered.
- **Fetal Health Surveillance Workshop**
  - Chatham Kent Health Alliance – 13 RNs, 1 Dr., 1 Midwife.
- **Maternal Newborn Nursing Course**
  - Hosted in London / videoconferenced to 16 sites in province - 65 RNs.
- **Regional Perinatal Nurse Managers' Meeting** → St. Joseph's Health Care London – 28 attended. Topics included:
  - MNCYN Update – Perinatal Capacity Assessment, Smoking Cessation in Pregnancy, Data Set Work Group, Perinatal Manual Chapters, Website Re-Design, PCMCH Update, Regional BFI Update;
  - BFI Expo – Information Sharing – A. Lanting;
  - Perinatal Outreach Update – Level II Competency Indicator Tool;
  - Annual Conference, MNN course, Lunch & Learn;
  - Pediatric Advancement Update;
  - Home Safety Program – Jane Harrington, Injury Prevention Specialist, Trauma Program LHSC / Children's Hospital;
  - Upcoming Conferences;
  - Review of Pertinent Journal Articles;
  - OTN Mobile Application – Jennifer Mill-Beaton, Engagement Implementation Manager, Emergency Services OTN; Julie Ridgewell- Regional Manager OTN ;
  - BORN – NICU Profile Update;
  - Round Table Discussion.
  - **Potential emerging opportunities:**
    - Follow up from the Regional Perinatal Capacity Assessment Project;

- BFI Course;
- Possible Regional Interest in Home Safety Program if funding issue can be addressed – J. Harrington to approach Child Health Foundation;
- Use of OTN Mobile System for Neonatal Assessments prior to Transport etc.

### 3. Regional Projects:

- **Core Competencies**

Level II Nursery Core Competency Tool – final draft submitted for review to committee members. To be posted to the MNCYN website soon.

- **Period of Purple Crying / Click for Babies → 2 meetings**

**The Click for Babies Campaign will again be taking place in November across Southwestern Ontario. As in previous years, community support has been overwhelming, with over 3,000 purple hats being donated, from as far as Malta and Sweden!**

- **MNCYN Perinatal Manual Chapters (Number of meetings)**

20 Perinatal Manual chapters reviewed, updated and submitted for Physician review;

### 4. Data Quality Strategy Meeting (2)

The Data Set Working Group has met to provide support for the ongoing Perinatal Capacity Assessment project.

### 5. Evaluation

Nurses expressed how much they value the networking and sharing of information at the Regional Perinatal Nurse Leaders Meeting (new name).

## II. Paediatric Advancement Program

MNCYN is working to build regional paediatric capacity, and this work is gaining momentum with ongoing projects. Recent activities of the Paediatric Advancement Program include:

### 1. Courses → Paediatric Advanced Life Support System (1)

- Hanover 24 participants including physicians, medical residents, Nurses.

### 2. Collaboration with LHSC paediatric orientation

- This is a program that will continue to be offered when space is available;

### 3. Site visits

- **Owen Sound → Paediatric Skills Day, 2 days, 45 participants**

- Physical assessment, growth and development, shock and fluids;
- Simulation scenarios;
- Attended by Nurses, Respiratory Therapists, Nursing students.

- **Woodstock → 2 days**
  - Physical assessment and simulation;
  - Attended by MDs and nurses, 23 participants.
- **St. Thomas → 1 day**
  - Simulation scenarios, 16 Nurses.
- **Palmerston → 1 day**
  - Simulation, physical assessment;
  - Care of Burns in the ER;
  - Physicians and Nurses, 14 participants.
- **Chatham → 1 day**
- Physical Assessment, 4 Nurses

*Many thanks to Karen Laidlaw, Educator for Paediatric ER, Transport and Critical Care and Allison Armstrong, Educator, Adult ER, who provided support with some of the MNCYN site visits.*

#### 4. Other activities

- Paediatric Core Competencies tool → anticipated completion by November 30<sup>th</sup>, 2013;
- Facilitated LHSC visit by Jill Cousins (CKHA). Meeting with floor coordinators regarding repatriation, toured mental health floor as they are remodeling their paediatric floor;
- Planning for Paediatric Nurse Managers' Retreat. Date to be determined but February is most likely. Regional partners being surveyed re topics of common relevance (e.g. experiential learning, cross-training, etc.);
- Co-developed with Karen Laidlaw (LHSC) post-anesthetic recovery (PACU) module for paediatric orientation. Best practice principals to be available to partner hospitals as they are increasingly involved in minor OR procedures;
- Co-developed Skills Days once monthly for paediatric residents at LHSC to ensure residents meet requirements. Topics include sterile procedure principles, isolation guidelines, insertion of NG urinary catheters, umbilical line insertion. This will be ongoing and written up for a paper with Dr. Janice Tijssen concerning retention of skills by residents during paediatric residency.
- Participation in mock code committee that looks into the skill sets of health care team members, as well as evaluation metrics (Dr. Jennifer Foster, M.D., Paediatric Critical Care);
- Simulation with residents on the floors including nurses and allied health;

- Invited to Co-Chair the Joint Services Project of Woodstock Hospital, Alexandra Hospital and Tillsonburg District Memorial Hospital;
- Central line dressing bundle and **iLearn** module released.

### III. Regional Goals and Objectives

#### 1. **Call to Action: The MNCYN Baby-Friendly Initiative → 4 meetings**

The Baby-Friendly Initiative was formally launched at the MNCYN Regional Steering Committee meeting in Woodstock (April, 2013). To date, 11 of 15 hospitals have signed the Hospital Participation Agreement. This accounts for approximately **90% of births** in Southwestern Ontario. 14 of 15 hospitals have completed the Baby-Friendly Hospital Initiative Self-Appraisal Tool.

- A working meeting is being planned for regional Hospital and Public Health BFI Leaders to come together and develop an implementation plan and evaluation strategy. This meeting will be held on November 1<sup>st</sup> in London.

#### 2. **The Southwestern Ontario Perinatal Capacity Assessment → 15 meetings**

One of the first of its kind, this project (supported by the SW and ESC LHINs) is taking a population-based approach to determine the levels of maternal-newborn care required to support the needs of the population in SWO. Data has been collected from and validated by our partner hospitals to support the goals of this project. Progress to date includes:

- Data collection and validation is complete;
- The first two LHIN progress reports have been submitted;
- Data analysis (including mapping and projections) has commenced. Sincere thanks to the London Health Sciences Centre for providing support with this stage of the process.

#### 3. **Paediatric / Perinatal Dashboard (Data Set Working Group)**

A memorandum of Understanding (MOU) was signed between BORN Ontario, MNCYN, London Health Science Centre (LHSC) and the Windsor Regional Hospital (WRH). This MOU identifies specific individuals at both LHSC and WRH as BORN Agents, who will be instrumental in accessing relevant BORN data to inform current and upcoming MNCYN projects. The MNCYN BORN Agents have received mandatory privacy and data management training.

#### 4. **Smoking Cessation During Pregnancy → 4 meetings**

The aim of the Regional Perinatal Smoking Cessation Initiative is to support smoking cessation, from preconception to postpartum, including every entry point into the healthcare system (2 phase approach). The regional working group has begun work on developing the Project Charter for the Phase 2 of this initiative, while simultaneously aiming to meet the training needs of the eight participating hospitals.

#### 5. **Breastfeeding survey in collaboration with the Middlesex-London Health Unit → 1 meeting**

- Consent collection completed on April 26, 2013;

- Follow-up telephone calls (3 weeks and 6 months) are being completed by the Middlesex-London Public Health Unit;
- The data analysis portion of the project is underway, with initial results anticipated over the coming months.

### **3. SWO Paediatric Council → 1 meeting**

Paediatric repatriation and data collection were part of the agenda for this meeting.

### **4. Paediatric Repatriation → 4 meetings**

MNCYN partners are actively involved in reviewing the current system of paediatric repatriation in Southwestern Ontario. Clinicians at LHSC have proposed a draft set of criteria for appropriate repatriation to community hospitals. Paediatric Chiefs from across our region have provided feedback and proposed a number of changes to this evolving document. We anticipate that the Standardized Paediatric Core Competencies will support the repatriation process.

## **IV. Network Infrastructure**

The MNCYN Network continues its efforts to build a strong foundation for future activity.

### **1. MNCYN Regional Steering Committee meeting (1)**

The MNCYN Regional Steering Committee met on September 20<sup>th</sup> in St. Thomas. Committee members received updates on all ongoing and proposed MNCYN projects/work. Significant accomplishments include:

- Launching Phase 2 of the MNCYN Perinatal Smoking Cessation Initiative;
- Launching of the next MNCYN Strategic Planning cycle, with initial recommendations to be presented to the Committee in Spring 2014.

### **2. Executive Committee (1)**

The Executive Committee continues to support and guide the implementation of the current Network priorities and routinely consider emerging opportunities.

### **3. Review of the MNCYN website → 4 meetings**

The new MNCYN is on track for being launched later this year. The website will deliver a number of improvements over the previous version and has received positive feedback from regional reviewers.

### **4. Site Visits (Felix Harnos, Regional Leader) to:**

- Tillsonburg;
- Strathroy;
- Stratford;
- SW Community Care Access Centre (London).



## V. Other activities

### 5. **Ongoing collaboration with the Provincial Council for Maternal and Child Health**

- PCMCH - Network Lead teleconferences – **3 teleconferences** aimed at sharing information with PCMCH and Network Leaders across Ontario;
- Child and Youth Advisory Committee **1 meeting**;

### 6. **Canadian Association of Paediatric Health Centres (CAPHC) National Guidelines Collaborative → 3 meetings**

Consistent with its mission and strategic priorities, the Canadian Association of Paediatric Health Centres (CAPHC) has initiated a National Collaborative focused on the development, implementation and evaluation of paediatric practice guidelines aimed at improving and promoting quality of care, safety and efficiency across the continuum of care.

- Work toward solutions to issues identified as priorities within the priority area;
- Evaluate the success of the CoP on a regular basis;
- Look for collaboration points within the child and youth health service community and with external stakeholders & partners;
- Develop and support the implementation and evaluation of paediatric practice guidelines;
- Identify unrecognized pockets of related projects across child and youth health service delivery and share work openly with those projects;
- Encourage adoption of standards.

### 7. **Clinical Services Renewal at London Health Sciences Centre → 7 meetings**

The **Clinical Strategy** work stream is:

- Conducting a strategic review of LHSC's clinical programs in the context of both regional and provincial priorities, future needs and emerging strategies;
- Making strategic program priority and delivery model recommendations;
- Implementing recommendations.

### 8. **Experiential Learning Opportunities at LHSC → 2 meetings**

- A committee has been convened to review the existing issues related to obtaining experiential learning opportunities for Level II / Community Hospital Nurses and propose a feasible approach streamlining and enhancing the current process;

### 9. **MNCYN Order Set Deployment → 1 presentation**

The order sets developed by the MNCYN have received attention from other areas of the province and beyond.

- Felix Harnos outlined the MNCYN order Set Initiative at a meeting of Maternal-Newborn Community of Practice at Hamilton Health Sciences (September 9).

**The next Quarterly Report will be available in January, 2014.**

**APPENDIX I**  
**Member Financial Contributions 2012 – 2013\***

Invoice Date: May 16, 2013

<b>MNCYN Annual Membership Revenue (Fiscal 2013-14)</b>			
	<b>Organization</b>	<b>Level of Support (Can \$)</b>	<b>Contributed by Oct. 30, 2013 (Can \$)</b>
<b>Hospitals</b>	London Health Sciences	150,000	0
	Windsor Regional Hospital	75,000	75,000
	St. Thomas Elgin General Hospital	25,000	25,000
	Huron Perth Hospital Alliance	25,000	25,000
	Chatham-Kent Health Alliance	25,000	25,000
	Grey Bruce Health Services	25,000	0
	Bluewater Health	25,000	25,000
	Hanover & District Hospital	5,500	5,500
	South Bruce Grey Health Centre	5,500	5,500
	Listowel Wingham Hospitals Alliance	5,500	5,500
	Alexandra Marine & General Hospital	5,500	0
	North Wellington Healthcare	5,500	5,500
	Leamington District Memorial	5,500	0
	Middlesex Hospital Alliance	5,500	5,500
	Woodstock Hospital	5,500	5,500
	Tillsonburg District Memorial Hospital	1,000	1,000
Alexandra Hospital	1,000	0	
<b>CCAC</b>	South West CCAC	25,000	25,000
<b>Public Health Units</b>	Middlesex-London Health Unit	5,000	0
	Grey Bruce Health Unit	1,000	1,000
	Perth District Health Unit	1,000	1,000
	Elgin St. Thomas Public Health	1,000	1,000
	County of Lambton Community Health Services Department	1,000	1,000
	Windsor-Essex County Health Unit	1,000	0
	Chatham-Kent Public Health Unit	1,000	1,000
	County of Oxford Department of Public Health & Emergency Services	1,000	1,000
<b>Membership Revenue Total</b>		<b>432,000</b>	<b>240,000</b>

\*Updated October 30, 2013