



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

3rd Quarterly Report 2012-2013

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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

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 **October 1st and December 31st, 2012.**

REPORT

I. Perinatal Outreach Program

Recent activities of the Perinatal Outreach Program include:

1. Completed the **Maternal Newborn Nursing** course →60 participants from 14 sites;
2. Semi-annual **Regional Perinatal Nurse Managers' meeting** at Bluewater Health →Approximately 30 nurse managers, educators and others in attendance. Selected agenda items include:
 - 'MY' clinic LHSC (obesity in pregnancy);
 - Neonatal Abstinence Syndrome - Bluewater Health;
 - BORN Ontario and its role in supporting organization-specific and network-wide goals;
 - Launching of the MNCYN Whiteboard;
 - Endorsement of the standardized set of Level I Obstetrical Nursing competencies (**available in the "Members Only" section of our web site, under "Resources"**);
 - Adoption of a Preceptor package for Level II organizations providing preceptorships to Level I OBS nurses; and
 - Planning for the development of a set of Paediatric Core Competencies for our region.
3. **Nursing Education visits:**
 - Clinton;
 - Palmerston;
 - Leamington;
 - Woodstock
4. **Obstetrical Care presentation** (3 hours) provided for Neonatal Transport Team candidates → London
5. **Team visits:**
 - Goderich (skill drills);
 - Listowel (case reviews & perinatal survey);
 - Hanover (skill drills);
 - Strathroy (case reviews).
6. **Fetal Health Surveillance Workshops:**
 - Chatham (2 workshops; 22 participants);
 - Stratford (14 participants);
 - St.Thomas (13 participants);
 - Sarnia (14 participants).
7. **Lunch and Learn sessions** (2). **Important Note** → we are working with the Champlain Maternal Newborn Regional Program and the Provincial Council for Maternal and Child Health to begin the delivery of shared Lunch and Learn sessions, in an effort to reduce

duplication of work, make efficient use of available resources and broaden our audience base.

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. Paediatric Airway, Intubation Medications

- Goderich, Oct. 3, (Attendance: 6 physicians, 6 midwives);
- Follow-up session (90 min) → nursing paediatric assessment with skills (i.e. bag mask ventilation, cardiovascular assessment (Attendance: 12 nurses).

2. Paediatric Lab Draws

- Owen Sound, Oct. 4, → goal to increase proficiency of lab draws in the paediatric population. Wide interest in this project due to its potential to:
 - Increase Nurse confidence in paediatric blood draw; and
 - Reduce cost through having fewer hemolysed blood samples, and NSQs (non-sufficient quantity).
- Community hospital Nurses will benefit greatly from the opportunity to have a practical experience in blood draw at LHSC. A process will have to be developed and implemented for this to occur.

3. Skill Days

- Woodstock, Oct. 8 → OR and post anesthesia (New ENT program);
- Stratford, Oct.10 → 6 hr. skills day (this has become the most popular request - simulation included);
- Sarnia, Oct.15;
- Sarnia, Oct. 26.

4. Courses and Lectures

- Owen Sound, Nov. 6 → Common Paediatric Respiratory Problems (RSV);
- London, Nov. 19/20 → Paediatric Advanced Life Support Course;
- Stratford, Nov. 26/27 → Paediatric Advanced Life Support Course;
- Nov. 12 /13 → Emergency Nurse Pediatric Course (much requested course, as this is the first step to become a certified instructor);
- London Nov. 28 → Paediatric Assessment lecture (Hospital orientation);
- Walkerton, Dec. 10 → Paediatric Assessment lecture (OTN to Durham);
- Kincardine, Dec. 10 → Paediatric Assessment lecture (OTN to Chesley);
- Oct. 30 → Hosted Lunch and Learn for perinatal program.

5. Other Activities

- London, Nov. 28 → CCAC goal to facilitate ongoing dialogue re. best practices and predictive discharge;
- Child and Adolescent Eating Disorders → meeting to explore opportunities for collaboration with the Eating Disorders Program at LHSC;
- Preliminary discussions with LHSC - Risk Management re paediatric experiential training;

- Collection of paediatric repatriation data to inform discussion about repatriation, capacity and competencies;
- MNCYN participated in simulation demonstration for accreditation for the Royal College of Pediatrics;
- Paediatric Core Competencies → have begun the process of information collection and planning, with a view of developing a document/resource similar to the Level I OB Core Competencies.

III. Regional Goals and Objectives

1. Regional Order Set Deployment

- Goderich, Alexandra Marine and General Hospital presentation (Oct. 8);
- Meeting with the SW LHIN ED Medical Lead to promote the LHIN-wide adoption of the Asthma order sets.

2. Paediatric / Perinatal Dashboard (Data Set Working Group) → 2 meetings

The Data Set Working Group is:

- Working with BORN Ontario to:
 - Put in place the agreements necessary to access regional data through BORN;
 - Develop a process for generating custom reports to better serve the needs of MNCYN regional partners;
- The first version of the paediatric reporting tool is being finalized and will be available for initial review in the first part of 2013.

3. Smoking Cessation During Pregnancy → 3 meetings

Goal → To decrease adverse pregnancy outcomes through a systematic approach to smoking cessation. The Perinatal Smoking Cessation Task Force is:

- Continually engaging MNCYN partners in the planning process;
- Expanding the Task Force to include the most appropriate members to help drive this initiative forward;
- Finalizing the planning stage, with a view to roll out the project in early 2013.

4. Breastfeeding survey in collaboration with the Middlesex-London Health Unit 4 meetings

- Current Canadian Paediatric Society / World Health Organization guidelines suggest exclusive breastfeeding to minimum 6 months. We know that a high percentage of mothers breastfeed exclusively at discharge, however, breastfeeding rates drop sharply in our region and elsewhere. We hypothesize that earlier interventions will have higher success;
- Consents from mothers of healthy newborns are being obtained for follow-up by the MLHU;
- The consent collection process is taking longer, due to lower than anticipated birth volumes;
- The initial round of follow-up calls is underway.

5. Baby-Friendly Initiative → 4 meetings

The Regional BFI Task Force is:

- Reviewing the results of the base-line survey completed by birthing hospitals in the region and summarizing its findings;
- Working on an information package and Participation Agreement to be signed by hospital CEOs or designates. This set of documents will build a compelling argument for implementing the Baby-Friendly initiative in hospitals, while leveraging existing resources and enhancing the working relationship with Public Health at the local level.

IV. Network Infrastructure

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

1. Executive Committee → 2 meetings

The Executive Committee continues to support and guide the implementation of the current Network priorities and routinely considering emerging opportunities. The topics addressed at the most recent meetings include:

- The breastfeeding survey;
- The MNCYN budget;
- The MNCYN human resources strategy.

2. Annual Perinatal Outreach Planning Day → December 21, 2012

3. Review of the MNCYN website, based on user feedback and discussion about the feasibility of updates → ongoing.

V. Other activities

To provide better health outcomes, better operational management, better systems integration and to enhance learning and growth, the MNCYN continues to play an active role in regional and provincial strategies and planning:

1. Collaboration with the SW LHIN and ESC LHIN

- On behalf of all MNCYN partners, the ESC and SW LHINs have been invited to appoint representatives to the MNCYN Executive and Regional Steering Committees. We are optimistic that a closer strategic and working relationship will have positive impacts on the system of care in Southwestern Ontario;
- **Provincial Hospital Resource System (PHRS)** → a number of Network representatives attended a SW LHIN-sponsored information session to learn about the PHRS and its potential to enhance repatriation processes, in alignment with the principles of family-centred care;
- **Southwestern Ontario Perinatal Capacity Assessment** → The ESC LHIN, SW LHIN and MNCYN have collectively identified an opportunity to enhance the delivery of maternal-newborn care across Southwestern Ontario (SWO), through a collaborative approach. This approach is embraced and highly valued by stakeholders in the region and focuses on assessing regional capacity in light of historical, current and projected birth volumes in SWO, and will support existing gaps future planning initiatives. Enhancing our understanding of transfer and retrotransfer patterns, as well as addressing identified issues, is anticipated to contribute to better

family centered care, sustainability and will further enhance our culture of system integration. Funding for this 18 month project has been approved and will be available in early 2013.

2. Ongoing collaboration with the Provincial Council for Maternal and Child Health:

- PCMCH - Network Lead teleconferences – 3 meetings - monthly teleconferences aimed at sharing information with PCMCH and Network Leaders across Ontario;
- MNCYN and the Champlain Maternal Newborn Regional Program are exploring opportunities for collaborating on the development and delivery of “Lunch-and-Learn” presentations;
- Child and Youth Advisory Committee: **Current and Planned CYAC Initiatives**
(Please see table below)

Initiative	Focus		
	Development of Report/ Recommendations	Implementation of Recommendations	Establishment of Network/ Collaborative
Current			
ED Pathways for children/youth with mental health conditions and/or addictions		✓ Current	
Medically Fragile/Technologically Dependent		✓ Current	
Paediatric Palliative Care		✓ Planned	
Paediatric Echocardiography		✓ Current	
Transition to Adult Healthcare Services	✓		
Planned (2013/14)			
Paediatric Bed Capacity	✓ Planned		
Paediatric Obesity Network			✓

3. Canadian Association of Paediatric Health Centres (CAPHC) National Guidelines Collaborative → 7meetings

Consistent with its mission and strategic priorities, the Canadian Association of Paediatric Health Centres (CAPHC) is initiating a new 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.

- A National workshop was planned for Fall 2012, following the CAPHC Annual Conference;

- Criteria are being developed to inform the selection of topics suitable for national guideline development.

4. Eating Disorders

Discussions with the Child & Adolescent Eating Disorders Program at LHSC to identify areas where closer, ongoing collaboration with the MNCYN would benefit patients in our region, while simultaneously promote efficient resource utilization.

5. Conferences and Continuing Education:

- The Society of Obstetricians and Gynaecologists of Canada (Ottawa, ON) → poster presentation;
- 4th Biennial Nursing Conference (Windsor, ON) → poster presentation;
- Canadian Association of Paediatric Health Centres (Vancouver, BC) → poster presentation;
- HealthAchieve (Toronto, ON) → oral presentation / panel discussion;
- Project Management Course → completed by Felix Harnos, Gwen Peterek, Alex Brown.

On a personal note, I wish to thank and congratulate all our colleagues who have worked hard to advance the agenda of the MNCYN, often under very tight time lines.

The next Quarterly Report will be available in April, 2013.

APPENDIX I
Member Financial Contributions 2012 – 2013*

MNCYN Annual Membership Revenue (Fiscal 2012-13)			
	Organization	Level of Support (Can \$)	Contributed to Date (Can \$)
Hospitals	London Health Sciences	150,000	150,000
	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	25,000
	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	5,500
	North Wellington Healthcare	5,500	5,500
	Leamington District Memorial	5,500	5,500
	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	1,000
CCAC	Southwestern CCAC	25,000	25,000
Public Health Units	Middlesex-London Health Unit	5,000	5,000
	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
	Huron County Health Unit	1,000	1,000
	Windsor-Essex County Health Unit	1,000	1,000
	Oxford county Public Health Unit	1,000	1,000
Membership Revenue Total		432,000	432,000

*Updated February 4, 2013

APPENDIX II

Maternal Newborn Child and Youth Network Statement of Revenues, Program Expenses For the Quarter ended December 31st, 2012*

MNCYN Membership Revenue

Total Membership Revenue	\$432,000
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Expenses

Salaries

Total Salaries	\$225,407
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Benefits

Total Benefits	\$29,617
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Travel and Supplies

Total Travel and Supplies	\$14,784
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Total Expenses	\$269,808
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Revenue Less Expenses	\$162,192
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*Statement is not audited.