



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

1st 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 **April 1st and June 30th, 2013.**

Report Highlights

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. Improving our understanding of transfer and retro-transfer patterns and optimizing system functionality will contribute to an enhanced culture of integration, births at the appropriate level of care, which will minimize acute transfers. Enhancement of Level II services, where volume is appropriate, will foster more care closer to home, and will improve family centered care.

Data Sharing Agreement Signed

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.

MNCYN Website Redesign

In response to suggestions made by our partners, we are taking steps to re-design the MNCYN website, in order to make it more user-friendly, and to include features which were previously not available to our member organizations.

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.

Perinatal Outreach Scholarship

MNCYN Perinatal Outreach Program leaders are exploring opportunities to support perinatal nursing education in Southwestern Ontario through the establishment of the Perinatal Outreach Scholarship Fund.

I. Perinatal Outreach Program

Recent activities of the Perinatal Outreach Program include:

1. **Team visits (5):**

- Woodstock → Survey / Case reviews;
- Owen Sound → Survey / Case reviews;
- Chatham → Case reviews / Skills drills;
- Walkerton → Case reviews;
- Sarnia → Case reviews.

2. **Nursing visits:** Topics included → Mother-baby Dyad Care, Shoulder Dystocia, Breech Delivery, Pre-term Neonatal Hypoglycemia, PPH, Epidurals, Nurse-assisted Birth, NRP megacodes.

- Hanover;
- Walkerton;
- Strathroy;
- Goderich;
- Owen Sound.

3. **Lunch and Learn** - Learning Café (3) → topics:

- Oral Immune Therapy;
- MY Clinic: Obesity in Pregnancy;
- Smoking Cessation.

4. **Regional Level II Nursery Skills Competency Tool (3)**

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.

5. **NRP New Instructor Course (2 courses)**

6. **Regional Perinatal Nurse Managers' Meeting (1)** → Networking, information sharing and regional updates.

7. **Period of Purple Crying / Click for Babies (2)** → two meetings to plan upcoming activities/events and address any existing sustainability issues.

8. **Data Quality Strategy Meeting (2)** → to address data quality issues: BORN/Perinatal/Neonatal.

9. **London Perinatal Rounds** (Dr. Renato Natale, Dr. Henry Roukema, Kelly Barzsa-Jenkins, Gwen Peterek, Vicky Gaudet) → Case Reviews.

10. MNCYN Perinatal Manual Chapters (3)

The Perinatal Manual Chapters are undergoing a periodical, planned review to ensure that their content continues to reflect the latest guidelines and best practices. This is a significant undertaking and we anticipate the process to take several months. (With the launch of the re-designed MNCYN website, these chapters will be available to view without requiring member log-in).

11. ACoRN (Acute Care of at-Risk Newborns) workshop (June 5-6, 2013)

- Two-day workshop and skills stations.

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. **Community Hospital Paediatric Nurse Managers meeting** → St. Thomas Elgin General Hospital
 - Plan to adopt a core pediatric competency document that is mutually agreed upon and could be used throughout the region;
 - Utilize the same template that the Perinatal Outreach Program is using to promote consistency and support cross-training;
 - Develop an index of existing paediatric policies;
 - Emerging opportunity: regional project to enhance and standardize the approach to paediatric experiential learning.
2. **Collaboration with LHSC paediatric orientation**
 - This is a program that will continue to be offered when space is available;
3. **Site visits**
 - **Paediatric Skill Days**
 - Stratford (25+ participants);
 - St. Thomas (10 participants);
 - Woodstock ;
 - Sarnia (2);
 - Windsor (25+ participants).
 - **Neonatal Resuscitation Program (NRP)** (2 courses) → LHSC, London;
 - **OSCE exam** for LHSC Transport Team (provided paediatric simulation scenarios for transport team members);
 - **Pediatric Advanced Life Support (PALS)** (2 courses) → LHSC, London;
 - Lunch and Learn - Learning Café :
 - “RSV” - for ICU nurses in Owen Sound - invitation extended to all partners ;
 - Facilitated one **observational visit** to LHSC by partner hospital staff nurse (this was requested as many of the hospitals are now cross training their nurses).

4. Other activities

- Finalized Asthma order sets with Dr. Bok;
- Projects in progress:
 - Paediatric Core Competencies tool;
 - Paediatric repatriation (3 meetings) → data analysis and creation of categories of patients potentially suitable for repatriation;
 - Paediatric blood draw;
 - Paediatric policy harmonization.

III. Regional Goals and Objectives

1. Call to Action: The MNCYN Baby-Friendly Initiative

All MNCYN partners were invited to work together towards implementing and sustaining the Regional Baby-Friendly Initiative (BFI). In preparation for rolling-out this “Canadian first”, the Southwestern Ontario Baby-Friendly Task Force has developed a comprehensive information package, including a participation agreement. 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.

- BFI Hospital Leads’ Meeting (June, 2013) → included on the agenda:
 - BFI Guiding Principles;
 - An overview of Ontario hospitals and community health services who have achieved Baby-Friendly designation;
 - An overview of the Canadian Practice Outcome Indicators (The Ten Steps) for being designated as a Baby-Friendly organization;
 - Information on the WHO Code;
 - Benefits of achieving Baby-Friendly designation;
 - Overview of the BORN reports available to support the Baby Friendly Initiative journey.

2. The Southwestern Ontario Perinatal Capacity Assessment →12 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 will be collected from BORN, CIHI, etc., without the burden of additional work to partner hospitals. They may, however, be asked to validate data/information obtained or generated during the course of the project, to ensure that emerging recommendations are factual. Progress to date includes:

- Approval of the **Study Questions** / Indicators → The Perinatal Capacity Assessment Task Group approved the draft study questions/indicators;
- **Initiation of data collection** → in the spirit of our existing Hospital Data Sharing Agreement a request was sent to all partner hospitals, asking everyone to provide time-sensitive information for the purpose of improving our system of care. The

request was received with overwhelming support and patient data along with financial data is now being collected.

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

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.

4. Smoking Cessation During Pregnancy → 2 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). To help us meet our common goals, the MNCYN has partnered with Smokers' Helpline, a free, confidential service operated by the Canadian Cancer Society, offering support and information about quitting smoking and tobacco use. The initiative is being **implemented in 8 of our 15 birthing hospital partners**.

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

- Consent collection completed by April 26, 2013;
- Follow-up telephone calls being completed by the Middlesex-London Public Health Unit.

3. SWO Paediatric Council → 1 meeting

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

4. Paediatric Repatriation → 12 meetings

MNCYN partners are actively involved in reviewing the current system of paediatric repatriation in Southwestern Ontario.

IV. Network Infrastructure

The MNCY 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 in April, 2013, in Woodstock. Significant accomplishments include:
 - Launching the MNCYN Baby-Friendly Initiative
 - Launching the MNCYN Perinatal Smoking Cessation Initiative

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 → 7 meetings

There is ongoing planning regarding incorporating user feedback into the MNCYN website, including adoption of social media, to enhance the availability of resources and the user experience.

4. New MNCYN Paediatric Director: We welcome **Dr. Tim Lynch** (Paediatric ER Physician). We are currently exploring opportunities for an additional Paediatric Medical Co-Director.

- MNCYN Medical Directors' meeting (1).

5. Perinatal Outreach Scholarship (1)

MNCYN Perinatal Outreach Program leadership are exploring opportunities to support perinatal nursing education in Southwestern Ontario through the establishment of the Perinatal Outreach Scholarship.

6. Site visits (Felix Harnos, Regional Leader) to:

- Sarnia;
- Owen Sound;
- Hanover;
- Walkerton;
- Leamington;
- St. Thomas;
- Palmerston;
- Listowel.

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**;
- MNCYN Order Sets demonstrated in June, 2013.

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. Communities of Practice:

- Pain;
- Sepsis;
- Transitions from Paediatric to Adult Care,
- Management of Medically Complex Children Through the Continuum of Care.

The **goals** of the Communities of Practice (CoP) are as follows:

- Work toward solutions to issues identified as priorities within the priority area;
- Evaluate the success of the CoP on an 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 standards adoption.

7. Conferences and Continuing Education

- Poster Presentation: “Providing Outreach Education for Nurses using High Fidelity Simulation” (Doug Jowett and Karen Laidlaw);
- BORN Ontario Grand Rounds (LHSC, May 8, 2013) (entire team);
- Conference (LHSC, May 8, 2013) → Patient and Family-Centred Care: Benefits and Challenges (Gwen Peterek);
- Obstetrical Triage Assessment Scale (OTAS) presentation (Dr. Rob Gratton, Tim Rice, LHSC) → this constitutes an **emerging regional opportunity**;
- Annual Canadian Paediatric Society Conference (Dr. Kevin Coughlin, Dr. Henry Roukema, Kelly Barzsa-Jenkins, Gwen Peterek);
 - Canadian Perinatal Programs Coalition meeting;
 - National NRP steering committee;
- The Conference for Administrative Assistants (Sheila Johnston, Alex Brown);
- Poster submission for Child and Adolescent Mental Health: CMHO 2013 Conference, Nov 17-20 2013: “Building capacity for the treatment of Child and Adolescent Eating Disorders in Southwestern Ontario” → ACCEPTED.

8. Born Ontario / MNCYN Leadership forum

- Agenda included
 - a. BORN Ontario updates
 - b. MNCYN data needs
 - c. BORN?MNCYN Data Sharing Agreement

9. Experiential Learning Opportunities at LHSC

10. MNCYN Order Set Deployment → 4 meetings

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

Ontario Medical Informatiocs Working Group
PCMCH CAYAC

VI. Evaluations / partner feedback / suggestions

“Once again I would like to express my gratitude for having [the team] bring their pediatric education “roadshow” to Woodstock Hospital. This session started out with a lecture on pediatric assessment, followed by mock pediatric resuscitation scenarios. In total, 15 staff were able to attend some or all of this session, including 3 ED physicians. The importance of these sessions to staff is demonstrated by those that came in on a day off to attend, and many staff staying longer than they initially intended to. [The team] always does a super job of teaching, and we are looking forward to their return on September 13th.”

Clinical Educator CCU/ED

Woodstock Hospital

Thank You!

The MNCYN Perinatal Capacity Assessment Task Force appreciates the assistance and support provided by partner hospitals to the Perinatal Capacity Assessment Project. The data provided by partner hospitals will facilitate more births at the appropriate level of care, which will minimize acute transfers. We anticipate that enhancement of Level II services, where volume is appropriate, will foster more care closer to home and improve family centered care.

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

APPENDIX I
Member Financial Contributions 2012 – 2013*

Invoice Date: May 16, 2013

MNCYN Annual Membership Revenue (Fiscal 2013-14)			
	Organization	Level of Support (Can \$)	Contributed by Sept. 5, 2013 (Can \$)
Hospitals	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	0
	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	1,000	
CCAC	Southwestern CCAC	25,000	25,000
Public Health Units	Middlesex-London Health Unit	5,000	0
	Grey Bruce Health Unit	1,000	1,000
	Perth District Health Unit	1,000	0
	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		0
	County of Oxford Department of Public Health & Emergency Services	1,000	1,000
Membership Revenue Total		432,000	214,000

*Updated September 5, 2013