



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

1st 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 **April 1st and June 30th, 2012.**

2012 South West LHIN Quality Award

We are this year's proud recipients of the South West LHIN Quality Award, for the implementation of the Period of PURPLE Crying® program.

This award - in the Population Based Integrated Health Services Delivery category - recognizes organizations that have implemented a sustainable quality improvement initiative by working together to achieve performance excellence.

Sincere congratulations to all!

REPORT

I. Regional Goals and Objectives

A number of task forces and committees are involved in moving forward the MNCYN agenda:

a. Regional Order Set Deployment Committees – 13 meetings

Having completed **11 training and information sessions**, for both physicians and nursing staff, the focus of the regional perinatal/ paediatric order set initiative has shifted to include:

- Internal reviews by organizations looking to pilot and/or deploy the order sets;
- Limited-scope trials.

Organizations currently reviewing and/or piloting the order sets include:

- Bluewater Health
- Huron Perth Healthcare Alliance
- Leamington District Memorial Hospital

- London Health Sciences Centre
- Middlesex Hospital Alliance
- North Wellington Healthcare
- South Bruce Grey Health Centre
- Windsor Regional Hospital
- Woodstock Hospital

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

The Data Set Working Group is:

- Working with BORN Ontario to develop a process for generating custom reports to better serve the needs of MNCYN regional partners. The first draft perinatal dashboard is anticipated to be available for review by late summer, 2012;
- Making recommendations to enhance the newest draft paediatric dashboard and improve data collection.

c. Period of Purple Crying Implementation and Evaluation Working Group

2012 South West LHIN Quality Award → The MNCYN is this year's proud recipient of the South West LHIN Quality Award, for the implementation of the Period of PURPLE Crying® program. This award - in the Population Based Integrated Health Services Delivery category - recognizes organizations that have implemented a sustainable quality improvement initiative by working together to achieve performance excellence. Sincere congratulations to all!

d. Level I Obstetrical Nursing Needs Assessment Working Group → 3 meetings

The working group has completed the development of:

- A standardized set of Level I Obstetrical Nursing competencies; and
- A Preceptor package for Level II organizations providing preceptorships to Level I OBS nurses.

The above were reviewed and approved by regional Nurse Managers and will soon be available in the "Members Only" section of our web page, under "Resources".

e. SWO Regional Paediatric Council → 1meeting

The Southwestern Ontario Regional Paediatric Council is identifying priorities and recommending strategies for the achievement of a coordinated system of secondary and tertiary child and youth health services, delivered in both community and hospital settings, and will facilitate implementation and influence adoption of approved initiatives. Current focus is on:

- Equitable access to timely, high quality, evidence-based, family-centred care at the appropriate level for all children and youth in SWO, as close to home as possible;
- Equitable access to specialized services optimizing child and youth care;
- Leading evidence-based practice and standards of care;

- Data and information systems to inform practice, policy and to promote accountability → a **tracking tool** is being implemented to track repatriation requests to community hospitals (3 sub-committee meetings).
- f. **Smoking Cessation During Pregnancy → 8 meetings**
Goal → To decrease maternal smoking rates in the South West Public Health Region (SWPHR) and potentially 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 Fall 2012.
- g. **Breastfeeding pilot in collaboration with the Middlesex-London Health Unit → 8 meetings**
- Current CPS / WHO 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 project is on track for obtaining enough consents by November 2011;
 - The initial round of follow-up calls is underway.
- h. **Baby-Friendly Initiative → 3 meetings**
Background → The World Health Organization (1) and Health Canada (2) recommend that infants should be exclusively breastfed for the first six months of life as breast milk is the best option for optimal growth, development and health. Thereafter, to meet their evolving nutritional requirements, infants should receive nutritionally adequate and safe complementary foods while breastfeeding continues for up to two years of age or beyond.
Objectives → **The Breastfeeding Services Implementation Task Force will:**
- Implement PCMCH Approved Recommendations from the Breastfeeding Services and Supports Work Group;
 - Promote the Baby Friendly Initiative at both the Public Health Unit and Hospital level;
 - Promote the WHO Code of Marketing of Breast Milk Substitutes.

II. Perinatal Outreach Program

Recent activities of the Perinatal Outreach Program include:

a. **Regional Activities**

- Nursing visits – **4 visits**
- Team visits – **4 visits**

b. **Other Activities**

- Acute Care of at-Risk Newborns(ACoRN) workshop (2.5 days) → **1**
- Neonatal Resuscitation Course → **1**
- Neonatal Resuscitation Instructor Update → **2**
- Level II Nursery Nurse Education Program (“Baby Talk” Lunch and Learn) → **2 presentations**. For more information please contact Kelly Barzsa-Jenkins: barzjenk@lhsc.on.ca
- Fetal Health Surveillance workshops → **2**
- PCMCH Maternal Newborn Advisory Committee (Dr. Renato Natale) → **1 meeting**
- Canadian Perinatal Coalition Annual Meeting → **1**
- Regional Nurse Managers’ Meeting → **1** (semi-annual)

III. Paediatric Advancement Program

a. **Regional Activities**

The Paediatric Advancement Program continues to offer a “Lunch and Learn” (**4 presentations**) Videoconferenced/Webcast learning series. Topics reflect regional needs.

- April 26 Paediatric Respiratory Assessment
- May 5-9 Facilitated 3 events for Palliative Care Week
- May 24 Paediatric Cardiac Assessment for CCAC
- June 21 Paediatric General Assessment

For more information please contact Doug.Jowett@lhsc.on.ca

b. **Neonatal Resuscitation Instructor Workshops → 2 workshops**

Windsor (April) and Owen Sound (May). This doubled as an introduction to paediatric educational instructors in both locations and to talk about the role of the paediatric portion of MNCYN.

c. **Paediatric Advanced Life Support (PALS) → 4 courses**

PALS is the first step to ensure minimum standard of care in providing paediatric care in peripheral hospitals. These courses promote teamwork and set the stage for continuing paediatric education.

- Chatham 2 ;
- Sarnia 1;
- London 1.

d. **Paediatric Skills Day → 2 courses**

MNCYN in conjunction with the Paediatric Critical Care Unit has developed and presented two full-day courses in Owen Sound (June 6 ,7, 2012). These

Paediatric Skills Days will be offered to all of our partner hospitals. A successful launch in Owen Sound resulted in very positive evaluations. Delivering hands-on paediatric assessment skills to nurses and allied health care workers is one of the MNCYN's most sought-after educational events.

e. **Site Visits → 2**

- Alexandra Marine and General Hospital with Dr. Ram Singh was well attended by 6 physicians. Topics were Paediatric Head Injury and Near-drowning.
- Woodstock General Hospital, met with Steve Baker (Emergency/CCU Clinical Educator) to introduce the MNCYN Paediatric component and scheduled a half day simulation on paediatric emergencies July 27, 2012.

f. **Central Line Update – CCAC Collaboration**

Working Huron Perth Healthcare Alliance to develop a network of experts to help maintain PICC lines at home and in the peripheral hospitals. Information garnered will be shared with CCAC and peripheral hospitals who maintain paediatric PICC lines. London Health Sciences Centre is working on a new Maintenance Bundle.

g. MNCYN has been reaching out to LHSC referral hospitals (Thunder Bay Regional and CPRI (Child and Parent Research Institute, London) to identify paediatric educational needs.

h. **Simulation Half-Days →** MNCYN has been working closely with the LHSC's Paediatric Critical Care Educator, Karen Laidlaw, in bringing simulation half days to partner hospitals.

i. **Paediatric Order Sets**

- Positioning the Paediatric Asthma Order sets for trial in LHSC Paediatric Emergency Department. Presently the order sets have been submitted for review. We are targeting September 2012 for the trial commencement.
- Collaborating with the Ontario Lung Association and Children's Hospital of Eastern Ontario to identify opportunities for broader trials/evaluation → **4 meetings**

j. **Ongoing Support to Partner Hospitals:** Topics include paediatric blood draw, child abuse policies, mock code evaluations, equipment evaluations/references, various policies.

IV. Network Infrastructure

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

Executive Committee → 2 meetings

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

- The breastfeeding survey;
- The SW LHIN CEO Forum;
- The MNCYN budget;
- The MNCYN human resources strategy.

V. Other activities

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

1. Network Lead - PCMCH 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.

2. 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 is being planned for Fall 2012;
- Criteria are being developed to inform the selection of topics suitable for national guideline development.

3. The Electronic Child Health Network (e-CHN) → 3 meetings

Background: The e-CHN is an integrated electronic health record that facilitates the sharing of patient health information among medical professionals. eCHN is operated as a non-profit, government-funded institution. It collects the data resulting from patients' interactions with the health care system and consolidates them into the form of a single medical WebChart.

- The purpose of these meetings was to explore ways of further integrating eCHN in Southwestern Ontario.

4. Provincial Council for Maternal and Child Health

- Child and Youth Advisory Committee (Felix Harnos) → **1 meeting**

5. Conferences:

We have submitted abstracts for poster presentations at the following conferences:

- The Society of Obstetricians and Gynaecologists of Canada;
- 4th Biennial Nursing Conference (Windsor, ON);
- Canadian Association of Paediatric Health Centres.

6. South West LHIN CEO Forum – 1 meeting (June 22, 2012)

Dr. Henry Roukema (MNCYN Executive Committee) provided SW LHIN CEOs with a comprehensive update re MNCYN activities. He also outlined several opportunities for our Network, answered questions partner organization leaders, and highlighted the importance of their continued support.

7. MNCYN has participated in the recent OSCE exam at the **Canadian Surgical Technologies & Advanced Robotics (CSTAR)**, LHSC. This provided an opportunity to network with physicians, nurse educators from other areas of Ontario, and discuss the MNCYN program.

VI. MNCYN Partner Feedback

“[I would like to] express my appreciation to your team being able to come to HPHA, Stratford site and provide Paediatric education last November and on March 30th, 2012. Their knowledge and vast experiences have enhanced the knowledge, judgment and skill levels of the Emergency and Paediatric nurses, ensuring optimal paediatric patient care. [...] The [team] incorporates humor and energy into their sessions. The attraction of applying learned theory to the simulator mannequin is an added bonus as our budget is unable to accommodate the purchase of similar simulators.”

HPHA

“My staff loved the presentation – when are you coming back?”

STEGH

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 October, 2012.