



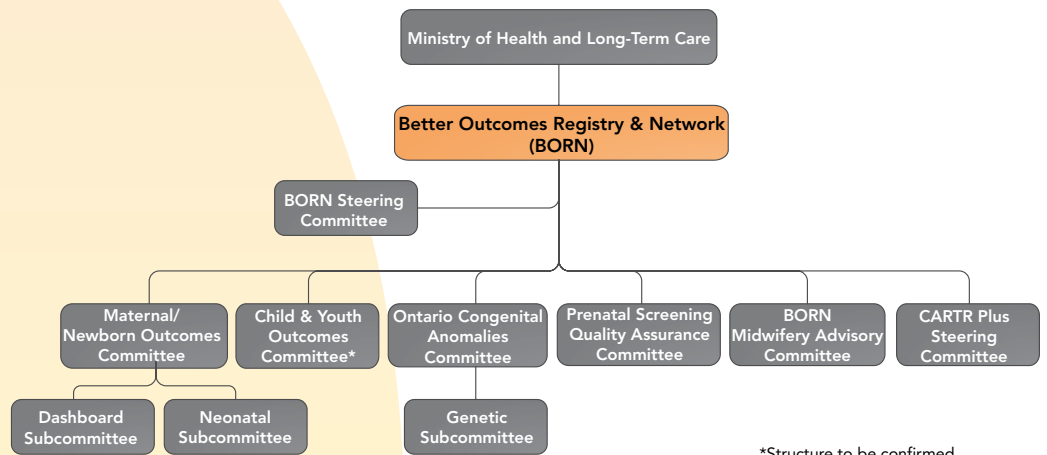
BULLETIN

In this Issue

- COMMITTEES UPDATE 1
- BORN STEERING COMMITTEE 2
- MIDWIFERY ADVISORY COMMITTEE 3
- ONTARIO CONGENITAL ANOMALIES COMMITTEE 4
- MATERNAL NEWBORN OUTCOMES COMMITTEE 5
- CARTR PLUS STEERING COMMITTEE 6
- PRENATAL SCREENING QUALITY ASSURANCE COMMITTEE 7

COMMITTEES UPDATE

BORN depends on the expert advice from the members of its eight committees and subcommittees to help translate the data and research gathered in the BORN Information System into tangible improvements. These dedicated and passionate volunteers provide scientific and leadership advice to help BORN Ontario in its mission of creating and maintaining an authoritative and definitive source of accurate and timely information to monitor, evaluate and plan for the best possible beginnings to lifelong health. Advice is provided on topics from helping to select indicators for BORN dashboards to providing quality assurance for prenatal screening. This issue of the BORN Bulletin will highlight the activities of these important committees over the past year and the key role they play in advancing BORN’s vision and promoting maternal child health across Ontario.



*Structure to be confirmed

Scientific Committee Structure

Chairs

- BORN Steering Committee – Ms. Susan Richardson
- Maternal Newborn Outcomes Committee (MNOC) – Dr. Joel Ray
- Ontario Congenital Anomalies Committee (OCAC) – Dr. Aideen Moore
- Prenatal Screening Quality Assurance Committee (PSQA) –Dr. Christine Armour
- Midwifery Advisory Committee (MAC) – Dr. Liz Darling
- CARTR Plus Steering Committee – Dr. Matt Gysler



BORN STEERING COMMITTEE

BORN strives to be an authoritative source of accurate and timely information used to improve the health of mothers and their children across the province. To ensure we're on the right track, we receive guidance regarding our strategic directions and priorities from the BORN Steering Committee. The committee is comprised of BORN Leadership, the BORN committee chairs, and representatives from key stakeholder groups including the Ministry of Health and Long-term Care, Ministry of Children and Youth Services, and the Provincial Council for Maternal and Child Health. Meeting at least twice a year, the Steering Committee will continue to advise BORN on how to adapt to changing market needs, including connecting with an increasingly "plugged in" patient/parent population and responding to stakeholder data needs. With the dedicated members of the BORN Steering Committee, we can rest assured the future will be even brighter. *It's a good time to be born in Ontario.*



Members*:

Ms. Susan Richardson, BORN Leadership, BORN Executive Lead (Chair) (to be replaced by Mari Teitelbaum in summer 2015)

Dr. Christine Armour, Committee Chair, Prenatal Screening Quality Assurance Committee

Dr. Pranesh Chakraborty, BORN Leadership, BORN Medical Director

Dr. Liz Darling, Committee Chair, Midwifery Advisory Committee

Dr. Sandra Dunn, BORN Leadership, Acting BORN Scientific Manager

Dr. Matt Gysler, Committee Chair, CARTR Plus Steering Committee

Ms. Esther Levy, Ministry Children and Youth Services, Director

Mr. James Meloche, PCMCH Executive Director (replacing Ms. Marilyn Booth)

Dr. Aideen Moore, Committee Chair, Ontario Congenital Anomalies Committee

Ms. Joanne Plaxton, Ministry of Health and Long-term Care, Director

Dr. Joel Ray, Committee Chair, Maternal Newborn Outcomes Committee

Dr. Ann Sprague, BORN Leadership, Acting BORN Director

Dr. Mark Walker, BORN Leadership, BORN Scientific Director

Vacant, BORN Leadership, BORN Manager of Health Informatics (replacing Ms. Alicia St. Hill Nasser)



MIDWIFERY ADVISORY COMMITTEE

The Midwifery Advisory Committee was designated a committee within BORN as of January 2014. The committee is comprised of 23 members from the midwifery community across Ontario representing rural and urban communities, researchers, students, experienced midwives and midwives new to practice. Additionally, the group includes representatives from midwifery provincial stakeholders: the College of Midwives of Ontario, the Association of Ontario Midwives, and the Midwifery Education Program. A new Ontario Midwifery Program (MOHLTC) representative will be confirmed this year to replace a vacancy due to staffing changes.

The mandate includes:

- Advising BORN Ontario on the use of data generated by midwives throughout the province.
- Reviewing and steering system enhancements that

improve facilitation of care and adherence to emerging quality care pathways and guidelines.

- Offering midwifery insight across BORN projects including development of reporting tools, QI and reflective practice initiatives, data requests, and midwifery focused Provincial Rounds.
- Providing leadership advice to BORN Ontario through representation on the BORN Steering Committee.

In the last fiscal year, the Midwifery Advisory Committee prioritized work on midwifery specific data definitions and midwifery specific data collection options for the next BORN enhancements timeline. Next fiscal year enhancement ideas include work on continuity of care and consultations and transfers of care. Longer term projects for midwifery, as led by the Committee, relate to a Health Equity Data Collection Project.

Members:

Dr. Liz Darling (Chair)	Ms. Karen Lawford	Ms. Jenna Robertson	BORN Manager - Health Informatics
Ms. Kelly Dobbin	Ms. Christie Lockhart	Ms. Simone Rosenberg	Ontario Midwifery Program representative
Ms. Remi Ejiwunmi	Ms. Tasha MacDonald	Ms. Maureen Silverman	
Ms. Harriet Ferrant	Ms. Helen McDonald	Ms. Sarah Jean Smith	Resource:
Ms. Johanna Geraci	Ms. Ann Montgomery	Ms. Carla Sorbara	Ms. Vivian Holmberg
Ms. Heather Keffer	Ms. Lisa Morgan	Dr. Vicki Van Wagner	Ms. Dana Sidney
	Ms. Janessa Otto	Ms. K. Wilson-Mitchell	

ONTARIO CONGENITAL ANOMALIES COMMITTEE

The Ontario Congenital Anomalies Committee (OCAC) is an interdisciplinary group with diverse backgrounds, perspectives and areas of expertise. OCAC supports BORN by providing scientific and technical leadership on congenital anomalies (CA) surveillance in Ontario.

Over the last year, one member completed their term and the committee welcomed Jennifer Milburn as the new Vice-Chair.

Accomplishments include:

- Supporting BORN to complete contract deliverables for the Ontario Congenital Anomalies Surveillance Enhancement project through the Public Health Agency of Canada (PHAC). This includes the transfer of the 2013 dataset to PHAC and an update on data quality activities focused on core anomalies, possible gaps and strategies to improve ascertainment.
- Continuing to provide feedback on the quality of CA data collected in the BORN Information System (BIS) for 2012-2014. This includes comparing the BIS with the Canadian Institute for Health Information (CIHI) databases, and combining both data sources to produce the most accurate picture of anomalies in Ontario given the current data limitations.
- Prioritizing anomalies for data quality improvement, reporting and confirmation of suspected anomalies using additional data sources. Several anomalies within

the chromosomal, cardiovascular, orofacial clefts, open neural tube defect (NTD) and abdominal wall categories were selected.

- Presenting a poster entitled “Combining Data Sources to Enhance the Surveillance of Congenital Anomalies in Ontario” at the Canadian National Perinatal Research Meeting (CNPRM) and BORN conference.

Over the next year, the committee will set up working groups to recommend data sources for BORN to integrate into the BIS to increase the ascertainment of anomalies, as well as confirm suspected cases already entered in the BIS. Other projects include Geographic Information System (GIS) cluster work, publishing a paper on data quality, preparing reports for the general public to raise awareness, and working with other BORN committees to develop strategies to acquire cytogenetic data and streamline antenatal data collection.

Members:

On behalf of Drs. Aideen Moore (Chair) and Jennifer Milburn (Vice chair), we wish to recognize and thank committee members Drs. Kate Bassil, David Chitayat, Karen Harman, Edgar Jaeggi, Julian Little, Ahmed Nasr, Patrick Shannon and Rory Windrim, as well as Susan Conacher, Erin Graves and Heather Ramshaw for their commitment to the project.



MATERNAL NEWBORN OUTCOMES COMMITTEE

The mandate of the Maternal Newborn Outcomes Committee (MNOC) is to provide scientific, health system and technical leadership advice to BORN Ontario. Membership is interdisciplinary and includes expertise in: neonatology, maternal/fetal medicine, obstetrics, nursing, midwifery, epidemiology, screening, health economics, pediatrics, quality, ethnicity/aboriginal issues and public health/health policy. A call for new members was initiated this year and Drs. Joel Ray and Jessica Dy have been elected as Chair and Vice Chair respectively.

Committee members were consulted on a number of initiatives this year:

- A cost analysis of elective repeat cesarean sections for low risk women less than 39 weeks' gestation
- Improving data capture for stillbirth and termination of pregnancy data capture
- Electronic fetal monitoring/Neonatal resuscitation quality improvement audit
- The Ontario Antenatal Record (A1A2) revision process
- The Ontario Birth Centre evaluation Project
- The MOREOB Evaluation Project
- Data element and report revisions to support the Ontario BFI Implementation Strategy

Additionally, a Data Element Advisory Working Group (with obstetrical, maternal newborn and neonatal expertise) provided advice to inform data element revisions and additions for the April 2015 BORN Information System (BIS) enhancements.

Two subcommittees report to MNOC – the Dashboard Subcommittee (DBSC) and the Neonatal Subcommittee (NSC). The mandate of the DBSC is to provide advice to MNOC and BORN Ontario on issues related to the current Maternal Newborn Dashboard (MND) key performance indicators (KPIs) and related benchmarks, the KPI revision and cycling process, and the BORN Dashboard Development Roadmap. In addition, the DBSC is spearheading work to identify clinically relevant, feasible to measure and actionable KPIs and benchmarks for an NICU/SCN Dashboard to be developed in the future.

The MNOC Neonatal Subcommittee (NSC) provides advice and recommendations to BORN for data collection and reporting for the BIS NICU/SCN encounter. This year the committee has contributed immensely to development of the NICU/SCN dashboard and to design and refinement of the NICU cube. The cube is an analytic reporting tool designed to allow users to create specific queries based on the needs of their unit. The cube is expected to be online and available for users by 2016. Members include experts from pediatric, neonatal and community based practice. At present Laurel Silenzi, BORN Coordinator and NICU lead is chairing the subcommittee. A call for members in June will ensure provincial subject matter experts in neonatal care continue to contribute to the important work of this group.

MNOC Members:

Dr. Joel Ray, Chair, St. Michaels Hospital – Keenan Research Centre
 Dr. Jessica Dy, Vice-Chair, The Ottawa Hospital
 Dr. Sandra Dunn, BORN Resource, BORN Ontario

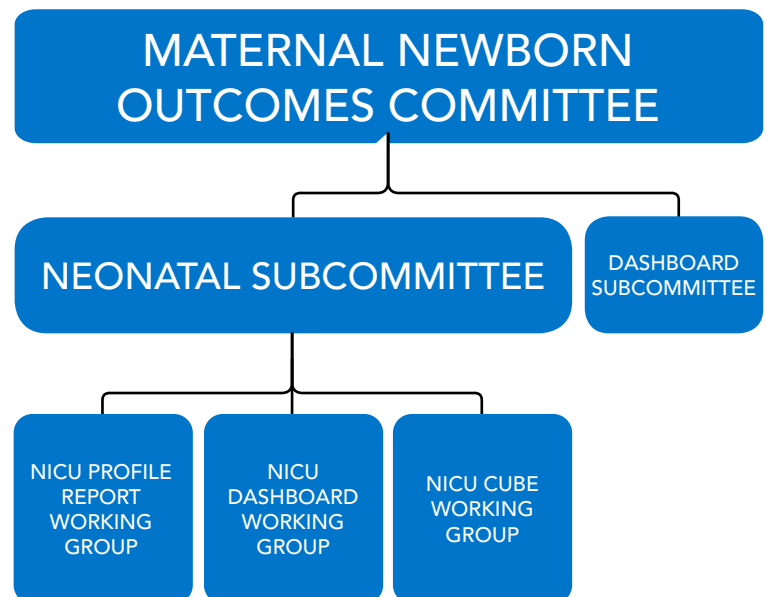
Ms. Cathie Badeau, Trillium Health Partners
 Dr. Liz Darling, Midwifery
 Dr. Sandra de la Ronde, Wabano Centre for Aboriginal Health
 Dr. JoAnn Harrold, CHEO
 Dr. Chris Longo, McMaster University
 Ms. Joanne Mackenzie, Mount Sinai Hospital
 Dr. Amani Roushdi, Mackenzie Health
 Dr. Prakesh Shah, Mount Sinai Hospital
 Dr. Graeme Smith, Kingston General Hospital
 Dr. Shi Wu Wen, Ottawa Hospital Research Institute

DBSC Members:

Dr. Sandra Dunn, BORN Resource, BORN Ontario
 Dr. Liz Darling, Midwifery
 Dr. Jessica Dy, The Ottawa Hospital
 Dr. JoAnn Harrold, CHEO
 Ms. Erin Graves, BORN Ontario
 Ms. Joanne MacKenzie, Mount Sinai Hospital
 Dr. Renato Natale, London Health Sciences Centre
 Dr. Joel Ray, St. Michaels Hospital
 Dr. Prakesh Shah, Mount Sinai Hospital
 Dr. Graeme Smith, Kingston General Hospital
 Dr. Mark Walker, The Ottawa Hospital
 Dr. Shi Wu Wen, Ottawa Hospital Research Institute
 Ms. Wendy Seidlitz, Hamilton Health Sciences Centre
 Dr. Henry Roukema, London Health Sciences Centre
 Ms. Laurel Silenzi, BORN Ontario

NSC Members:

Laurel Silenzi (Chair and BORN resource)
 Dr. JoAnn Harrold, CHEO
 Ms. Deborah Aylward, CMNRP
 Dr. Doug Campbell, St Michaels Hospital
 Ms. Marion Deland, Sunnybrook
 Dr. Shaheen Doctor, North York General Hospital
 Dr. Henry Roukema, London Health Sciences Centre
 Ms. Wendy Seidlitz, Hamilton Health Sciences Centre
 Dr. Prakesh Shah, Mount Sinai Hospital



CARTR PLUS STEERING COMMITTEE

Fertility clinics across Canada have submitted their in-vitro fertilization (IVF) data into the BORN Information System since January 2013. This data, entitled the Canadian Assisted Reproductive Technologies Register (CARTR Plus) is managed by the IVF Medical Directors (usually Fertility clinic owners) through a Data Sharing Agreement with BORN. In Ontario, the outcomes data for the IVF cycles are automatically populated from the BORN Information System. In other provinces, they still need to manually input their outcomes after calling/contacting their patients. The CARTR Plus Steering Committee is the governing body representing the IVF Medical Directors.

In the fall of 2014, the first CARTR Plus Annual Report was presented at the Canadian Fertility and Andrology Society (CFAS) Conference in Quebec City. The CARTR Plus Steering Committee met with BORN shortly after the presentation and provided feedback on the first year of data collection, analysis and reporting. The Steering Committee congratulated BORN on the success of the report and the first year of CARTR Plus data under BORN.

BORN has continued to develop reports as outlined by the Reporting and Outcomes Work Group. The Profile of ART – Pregnancy Report was showcased at the CFAS conference and the remaining ART Clinical Reports (Birth Mother, Birth Infant, Embryology Lab) are in progress. For the Fertility Dashboard, Evidence Summaries have been completed for two of the six Key Performance Indicators and the remaining four summaries will be developed as resources permit. The CARTR Plus Steering Committee met in March 2015 to review the status of the 2014 data and to discuss the annual report to be presented at the CFAS Conference in October 2015. There will be one more meeting in June/July to review the report.

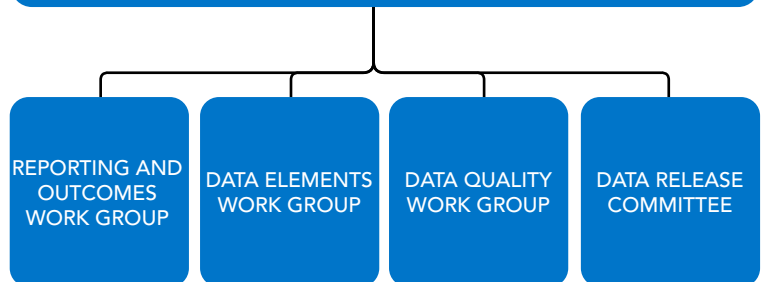
Members:

Dr. Ann Sprague (Chair)
Dr. Francois Bissonnette
Dr. Matt Gysler
Dr. Marié-Claude Leveillé
Dr. Mark Walker
Dr. Al Yuzpe

Resource:

Ms. Moya Johnson
BORN Coordinator – CARTR Plus

CARTR PLUS STEERING COMMITTEE





PRENATAL SCREENING QUALITY ASSURANCE COMMITTEE

As Ontario's prescribed registry for maternal child health information, BORN is able to work with the province's prenatal screening labs to report on quality assurance measures and utilize aggregate data to perform analysis on screening uptake, follow up utilization and shifting trends in parental choice.

Quality assurance (QA) in screening is particularly important, as sensitivity and specificity measures dictate the chance of missed cases and the rate of overtreatment. As screening modalities and screening targets shift, so do the opportunities for quality measurement and improvement, necessitating an ongoing QA committee within BORN to respond to these shifts.

BORN's Prenatal Screening Quality Assurance Committee held its inaugural meeting in October of 2014. Current areas of particular interest to this committee include:

- The introduction of non-invasive prenatal testing (NIPT) to the Ontario prenatal screening landscape.
- Expanding awareness of and access to the Nuchal Translucency Quality Assurance report in BORN.

- Enhancing the current BORN prenatal screening Laboratory Quality Assurance report.
- Supporting BORN capture of cytogenetics data to improve our understanding of screening performance (both biochemical and NIPT).

Members:

Dr. Christine Armour (Chair), CHEO
 Dr. Nan Okun (Vice-Chair), Mount Sinai Hospital
 Dr. Ritu Aul, North York General Hospital
 Ms. Karen Boucher, North York General Hospital
 Dr. Patricia Cairns, True North Imaging
 Dr. Barry Hoffman, Mount Sinai Hospital
 Dr. Tianhua Huang, BORN Ontario
 Mr. John Lai, Trillium Health Partners
 Ms. Tracey Marshall, The College of Physicians and Surgeons of Ontario

Resource:

Ms. Shelley Dougan, BORN Ontario

How does BORN data help you facilitate care?

Have you been able to use BORN data to inform practice or improve outcomes?

We want to tell your story.

If you have a success story you would like to share please contact info@BORNOntario.ca with details so we can write your story.

INTERESTED IN JOINING ONE OF BORN'S COMMITTEES?

If so, please send your CV and committee preference to committees@bornontario.ca to have your application considered for upcoming calls for expressions of interest



BORN Ontario

CHEO Research Institute | Centre for Practice Changing Research Building
401 Smyth Road | Ottawa, ON | K1H 8L1

T: 613.737.7600 x 6022 | F: 613.737.6504

info@BORNOntario.ca | www.BORNOntario.ca

Stay connected with BORN Ontario.

Join our distribution list

