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## CNN Annual Meetings

This year's CNN Annual Meetings will be held on June 24 & 25, 2009 concurrently with the Canadian Pediatric Society Conference (June 23 - 27) in Ottawa, the beautiful capital of Canada. In order to have a more desirable meeting schedule, CNN meetings will take place at Novotel Ottawa, which is just one block away from Westin Ottawa where CPS conference is located.

Date	Time	Meeting	Location	In Attendance	Catering
Wed June 24	10:30 to 12:30	CNN Annual General Meeting	Albion A, Novotel Ottawa	Open to all CNN members and individuals interested in becoming a member	Morning Break - coffee, tea, juices & pastries
	12:30 to 2:30	CNN Abstractors & Site Investigators	Albion A, Novotel Ottawa	Open to CNN Abstractors & Site Investigators	Lunch - salads, sandwiches, coffee, tea & pop
	5:00 to 6:00	CNN Research Subcommittees - Breakout Sessions	Albion A, Novotel Ottawa	Open to members of the CNN Research Subcommittees	
Thu June 25	8:30 to 11:30	CNN Research Meeting	Albion B, Novotel Ottawa	Open to all CNN members and individuals interested in becoming a member	Morning Break - coffee, tea, juices & pastries
	11:30 to 12:30	International Training	Albion B, Novotel Ottawa	Open to all CNN members and individuals interested in participating in this program	
	1:30 to 2:30	Neonatology Division Heads	Albion B, Novotel Ottawa	Open to Neonatology Division Heads	
	2:30 to 3:30	CNN Foundation	Albion B, Novotel Ottawa	Open to all CNN members	
	3:30 to 7:00	EPIQ	Albion B, Novotel Ottawa	Open to all EPIQ members	Afternoon Break - coffee, tea, pop & cookies

Please note that refreshments, where specified in the above table, will be served outside the meeting rooms prior to the meetings. So arrive a little early to pick up your tea/coffee!



## Profiles: New CNN Members

Dr. Aideen Moore is an Associate Professor of Paediatrics in the Division of Neonatology at The Hospital for Sick Children and the University of Toronto. Her clinical focus is in the care and management of the critically ill neonates and she has a special interest in the outcome of infants with congenital abnormalities.

Dr. Kamran Yusuf has an interest in placental biology and the role of cytokines and angiogenic factors in perinatal health and disease. Dr. Yusuf is an Assistant Professor of Pediatrics at the University of Calgary.

Dr. Kin Fan Young Tai is a Staff Neonatologist at Mount Sinai Hospital and an Assistant Professor of Paediatrics at the University of Toronto. His research interests are neonatal resuscitation, simulation and global health ethics.

Ms. Karen Galloway is a Staff Nurse in the NICU of McMaster Children's Hospital. Her interests include family coping and all areas of neonatal research.

## International Networks

### INC

The International Neonatal Collaboration (INC) is a group of multi-disciplinary researchers who collaborate on research issues related to neonatal care. INC includes members from District 8 of the American Academy of Pediatrics and from Latin-American countries. INC maintains a standardized database which provides a unique opportunity for international researchers to participate in collaborative projects dedicated to the improvement of neonatal-perinatal health. With the new home jurisdiction of the INC, inter-institutional agreements are required between the INC participating sites and Mount Sinai Hospital, Toronto.

The Sociedad Iberoamericana de Neonatología (SIBEN) is a non-profit organization aimed at improving quality of life of newborns and their families in the Iberoamerican population, currently with representation from 17 countries. SIBEN and INC have recently executed an agreement to establish their collaborative relationship. An agreement has also been made between The Shands Jacksonville Medical Centre in Florida and INC. We're looking forward to active data collection from the INC sites as more contracts are being finalized!

### ICONN

The International Collaboration of Neonatal-perinatal Networks (ICONN) is a group of networks aimed at improving health and health care for infants and their families through international collaboration. Affiliated Networks include the European Neonatal Network, Indian Neonatal Network, Japanese Neonatal Network, Chinese Neonatal Network, Sociedad Iberoamericana de Neonatología, INC and CNN. ICONN will establish a framework for this collaboration and the dissemination of knowledge among national neonatal networks. Representatives from various networks recently gathered in Shanghai and several collaborative projects were discussed. Future ICONN Annual Meetings will be held in Bilbao, Spain (2010) and Shanghai, PRC (2011).

For more information about INC and ICONN, please contact Priscilla Chan, CNN Coordinator.



## CNN Application Enhancement

To keep up with the constantly changing research needs, the MiCare programming team is revamping the six-year old CNN application. The team has been gathering specifications and documentation to support the changes planned for the new application, which is scheduled to be rolled out in the first quarter of 2010. The new CNN Application will have a brand new look and will include the following key updates:



- New streamlined user-friendly interface for easier data entry
- Re-designed screens with new variables added and obsolete variables removed
- Streamlined variables for Congenital Anomalies
- ICD-9 codes to be replaced by ICD-10 codes
- Daily care process variables
- New screen for billing and shadow billing
- New Resuscitation screen and simplified TRIPS data entry screen
- Improved validation checks to reduce data entry errors before data upload

Dr. Prakesh Shah has been instrumental in assisting the programming team with the development. A demo to showcase the new screens will be presented at the CNN Annual Meeting in June. So, be there to have a sneak preview of the new CNN database!!

Got database questions? Please contact Charles Ah Knit, Database Developer.

## CNN 2008 Annual Report

Participating sites were busy abstracting and submitting 2008 CNN data to the Coordinating Centre in April, in order to meet the April 30th deadline. As of mid May, twenty-three sites have submitted data and a few remaining sites were given extensions. Our programming team has been anticipating the receipt of such so they may proceed to data cleaning and error-checking. Once all sites have submitted their data, the programming team will consolidate all records into a clean 2008 dataset. Data analyses will take place in the summer and the results will then be examined by the Annual Report Review Committee. We anticipate to publish the CNN 2008 Annual report by the fall.



**Applause to all Site Investigators and Data Abstractors for their hard work and efforts! Thank you!!**



## CNN Website

The CNN website is currently undergoing construction as we acknowledge missing and outdated information. Stay tuned for a brand new look and informative content. In the meantime, if you have any questions pertaining to CNN and its activities, please feel free to contact Priscilla Chan, CNN Coordinator at [pchan@mtsina.on.ca](mailto:pchan@mtsina.on.ca)

We thank you for your patience during this time, and look forward to your input and suggestions when the new site becomes available!



# International Neonatal Training Program



The China International Training Program is now in its sixth year of successful operation. To date, the program has had 49 trainees with representation from 28 cities in 21 Chinese provinces. Hence only 8 remaining Chinese provinces have yet had students trained under this program.

A total of 75 instructors have participated in the program, with representation from across North America as well as Australia.

In striving for continuous improvement of the training program, evaluations were recently conducted through focus group interviews of the participants. Responses are presently being compiled but feedbacks generally reveal that the program is well received by participants and hospitals.

A series of changes to the program are anticipated once the evaluation project is completed. The following are preliminary outcomes:

- Beginning in April 2009, English instructors teach students during their first two months of training
- New Canadian faculty who teach in China will make one-week visits of other hospitals in China to teach and help organize the units
- Chinese faculty will take increased responsibilities in the training program
- Exploration of alternative funding mechanisms for trainees coming to Canada

Applications are being accepted for teaching in April 2010 to January 2011. If you would like to apply for a vacant position or have questions regarding the program, please contact Sandy Maksimowska at [SMaksimowska@mtsinai.on.ca](mailto:SMaksimowska@mtsinai.on.ca)

## Canadian Perinatal Surveillance Network

### WHO Global Survey of Mode of Delivery and Maternal & Perinatal Outcomes

An update of the WHO/CIHR Grant awarded in 2007 to Dr. Shoo Lee, Dr. Anthony Armson and their team of 24 highly talented and successful members from across the nation! The team members came together on April 21, 2009 in Ottawa, Ontario to move forward on the strategic direction and implementation of the project.

The partnership between the WHO and Canada was created to move towards creating a network of focused information in regards to health and health services provided to mothers and their babies (i.e. identify trends in technology and areas of concern). The increase in health risks for both mother and baby is one of the main focuses of the study, specifically the relationship between the types of delivery, the care received immediately after delivery and health outcomes for both mother and baby. Various relationships will be compared among the provinces of Canada and between other countries. The information will enable us to improve and provide better care for mothers and their babies. This partnership has recently been named as the Canadian Perinatal Surveillance Network.

The meeting in Ottawa was a great success and we look forward to the prospect of a national perinatal database and working toward a national perinatal society!

For more information about this project, please contact Sandy Maksimowska at [SMaksimowska@mtsinai.on.ca](mailto:SMaksimowska@mtsinai.on.ca)



## Abstractors' Corner



Welcome to the Abstractor's Corner! This section is devoted to questions, answers and comments from abstractors in recent months. Our goal is to build a unified abstractors team across Canada by maintaining open lines of communication and support.

**Question 1:** Are there codes for Positive Barbiturate and Opioid Drug Screen?

**Answer:** *Under the Mother/Obstetrics screen there is an area for Risks and a box to check for drugs. Under diagnosis you would enter Drug withdrawal if it was indicated.*

**Question 2:** I have the scenario of a baby that is acting like a NEC - has 14 days NPO - X-Rays never do show NEC. However baby does continue to have problems - several Bariums later and a stricture is discovered and in the end surgery for a bowel obstruction - post NEC stricture - a colostomy being done. Do I complete NEC screen as surgical since at the time of the colostomy confirming that it is a post NEC. Do I complete medical treatment and date back to the original suspect and treated as a NEC?

**Answer:** *This would be coded as medical NEC if there was no surgery at the time of the NEC and this would classify as stage I NEC. NEC requiring a peritoneal drain insertion or laparotomy would be scored as NEC: Surgical Tx. Score the post NEC stricture surgery separately in the "other Diagnosis" selection list: Other specified perinatal disorders of the digestive system. Then make a comment in the comments box.*

**Question 3:** I found a endotracheal tube aspirate, positive for Staphylococcus Aureus and Enterobacter asburiae. It does not mention in the chart that this baby has respiratory infection, do I need to capture this? It just mentioned "yellow secretions ETT" on the day culture was taken, which was found positive.

**Answer:** *Presently CNN does not collect this information.*

**Question 4:** I'm not able to find in the manual "papular rash" which the baby develop after removal of gel tape.

**Answer:** *Presently CNN does not collect this information.*

## New CNN Abstractors

We are happy to introduce the following new Abstractors:

Joy Roque at Royal Columbian Hospital, New Westminster, BC

Nancy Dodman at St. Joseph Health Centre, London, ON

Rashmi Raghaven at British Columbia Children's Hospital, Vancouver, BC

**Welcome!!**



## Abstractors Meeting at CPS

Attendance at the CPS may not be feasible for many CNN Abstractors, therefore teleconferences will be scheduled in June to gather abstractors across the country. The purposes are to review database issues, concerns and suggestions, which will be further discussed at the Abstractors Meeting at CPS in Ottawa (Wednesday June 24th 12:30-14:00). Minutes from the teleconferences as well as the meeting at CPS will be circulated.



## Transition from Edmonton to Toronto

It was with gratitude that we said goodbye to the former CNN staff at iCARE, Edmonton. We would like to thank them for their hard work in establishing such a wonderful network. The CNN Coordinating Centre is now up and running at Mount Sinai Hospital, Toronto. Many of you have been communicating with our new staff over the past few months, but there may still be confusions with respect to our roles. Please see the appropriate contact information below. Your patience is very much appreciated during this period of transition.

## Maternal-Infant Care Research Centre

### Contact Information

Maternal-Infant Care Research Centre (MiCare)  
 Mount Sinai Hospital  
 700 University Avenue, Room 8-500  
 Toronto, Ontario  
 M5G 1X6  
 Fax: 416-586-8546

#### **For CNN, INC and ICONN inquiries, contact**

Priscilla Chan, CNN Coordinator

Email: [pchan@mtsinai.on.ca](mailto:pchan@mtsinai.on.ca)

Phone: 416-586-4800 ext 3833

Sandy Maksimowska, Project Coordinator

Email: [smaksimowska@mtsinai.on.ca](mailto:smaksimowska@mtsinai.on.ca)

Phone: 416-586-4800 ext 3828

*Priscilla will be going on maternity leave effective September 2009. During her absence, Sandy will be looking after all aspects of CNN, INC and ICONN coordination.*

#### **For China Training Program, CPSN-WHO and interim EPIQII inquiries, contact**

Sandy Maksimowska, Project Coordinator

Email: [smaksimowska@mtsinai.on.ca](mailto:smaksimowska@mtsinai.on.ca)

Phone: 416-586-4800 ext 3828

#### **For EPIQII and MiCare inquiries, contact**

Sukhy Mahl, Program Manager of MiCare

Email: [smahl@mtsinai.on.ca](mailto:smahl@mtsinai.on.ca)

Phone: 416-586-4800 ext 6746

#### **For Database inquiries, contact**

Charles Ah Knit, Database Manager

Email: [cahknit@mtsinai.on.ca](mailto:cahknit@mtsinai.on.ca)

Phone: 416-586-4800 ext 3839

