



In 2011, the Ministry of Health and Long Term Care (MOHLTC) requested Critical Care Services Ontario (CCSO) to lead a planning process to develop a comprehensive neurosurgical system to meet the needs of adult and paediatric patients across Ontario. As a part of this program, the MOHLTC also committed new nursing positions, including clinical Neurosurgical Outreach Nurse and Neurosurgical Nurse Educator positions, to support the management of specialized

paediatric and adult neurosurgical patients.

The Neurosurgery Education and Outreach Network (NEON) was established in May 2013 to work in collaboration with the Provincial Neurosurgery Advisory Committee to support the educational component of recommendations to better integrate access to neurosurgical services in the province. Originally comprised of Nurse Educators and Program Directors from each of the province's adult neurosurgical centres, their work formed the foundation for an educational outreach program designed to provide a wide breadth of education to non-neurosurgical centres on neurosurgical patient's care across the continuum. The

expanded network has grown to include Clinical Nurse Specialists, Advanced Practice Nurses and Nurse Practitioners working in both adult and paediatric neurosurgery.

The OUTREACHER Newsletter will be published two to three times per year to provide regional hospitals with Neurosurgery updates and education.

NEON:
**Working towards
Provincial
improvements in
neurosurgical
service delivery**

Inside this issue

Neuro-Nurse Educator and Clinical Outreach Specialist Roles 2

Educational Opportunities in your LHIN 2

What's New- Cervical Collar Care and Intracranial Pressure 3

CCSO Guidelines, Webinars and Education Links 3

Who to contact in your LHIN 4

- IMPROVING ACCESS
- IMPROVING QUALITY AND RESPONSIVENESS
- IMPROVING NEUROSURGICAL NURSING CARE ACROSS ONTARIO



Neuro-Nurse Educator (NNE) and Clinical Outreach Specialists (COS) Roles

The goal of the NNE and COS is to support system-wide improvements in neurosurgery services through education and outreach in hospitals throughout Ontario. By working together, the NNE and COS aim to support patient management, repatriation strategies, provide education and improve quality of care.

The Neuro-Nurse Educator (NNE) is responsible for:

- Increasing the skill set of hospital staff through education
- Maintaining and augmenting critical care nurses' knowledge in neurosurgery and neurological conditions
- Working with NEON to develop materials for the Local Health Integration Network (LHIN)/Catchment area
- Communicating regional educational plans
- Participating in regional and provincial education
- Monitoring data from Critical Care Information System (CCIS) and CritiCall

The Clinical Outreach Specialist (COS) is responsible for:

- Assessing and augmenting the skill set for non-neurosurgical sites
- Providing expertise in neurosurgery care to aid in repatriation
- Developing protocols and care practice guidelines for non-neurosurgery centre staff
- Working with NEON to develop materials for LHIN/catchment area
- Monitoring data from CCIS and CritiCall

EDUCATIONAL OPPORTUNITIES IN YOUR LHIN!

LHIN 2

March 23rd & 30th St Thomas Elgin General Hospital
"Hands on Spine Assessment Workshop"

March 24th & 30th St Thomas Elgin General Hospital
"Neurosurgical Case Reviews- Lunch and Learn"

April 25th Grey Bruce Health Services
"Neurosurgical Case Reviews- Lunch and Learn"

LHIN 3

Feb 22nd and 24th Grand River Hospital
Neuroassessment & case study with transfer (2 hr. sessions twice/daily)

March 20-23rd April 4th- 7th Cambridge Memorial Hospital
Critical care & Internal medicine education (3 hr. sessions)

LHIN 4

Physician education related to challenges/ improving care of the Neurosurgical patient in the Region

March 14th Niagara Health Services -Emergency Department

March 16th St. Catharines General - Internal Medicine

March 24th Greater Niagara General Hospital (Niagara Falls)-Internal Medicine

March 25th Niagara South Regional Welland General Hospital

For all venues and times contact your outreach educator

LHIN 7/8/9West/12

"Caring for your Aspen Collar" Video Produced by SMH and Sunnybrook leeWe@smh.ca

LHIN 10

March 6th: Neuroscience Workshop at Kingston General Hospital (0830-1600)

LHIN 14

TNCC will be offered at TBRHSC February 9 & 10, 2017. For more information please contact Chad Johnson @ 807-684-6252 johnsoc@tbh.net

What's New!

Care of Cervical Orthosis Devices and Collar Care

The cervical collar is routinely used for patients with confirmed or suspected spine instabilities. The prevalence of cervical collar use in the treatment of critically ill patients necessitates the need for health care professionals to be competent in the use and management of cervical orthosis devices. The presentation on "Care of Cervical Orthosis Devices and Collar Care" teaches health care professionals the skills and knowledge needed to appropriately care for and manage patients requiring cervical collars. This presentation provides direction for cervical collar care use and management and is not meant to be exhaustive. Its contents are recommended but not mandated for use. RNs should use their clinical judgment and utilize other assessment parameters if determined necessary. **Click here to view the OTN presentation:** <http://webcast.otn.ca/mywebcast?id=61253803>

Intracranial Pressure (ICP): Causes, Concerns and Management

Rising Intracranial Pressure (ICP) is a primary concern of any injury or disease state involving the components of the cranial vault. The delicate, dynamic, and balanced interaction of the brain, blood flow and cerebrospinal fluid is maintained through a complex interaction of autoregulation and compensatory mechanisms to ensure cerebral perfusion is optimally maintained at all times. Injuries or conditions that can cause these internal mechanisms to fail have the potential for a fatal outcome if not identified early, managed effectively or acted upon quickly. The presentation "Intracranial Pressure: Causes, Concerns and Management" helps frontline staff in Neurosurgical and Non-Neurosurgical centers across Ontario identify the injuries and disease processes that may cause intracranial pressure to rise, the detection, signs, symptoms and management techniques associated with rising ICP, and medical and nursing care strategies effective in lowering or managing rising ICP.

Click here to view the OTN presentation: <http://webcast.otn.ca/mywebcast?id=61487073>



CCSO Critical Care Services Ontario

Presents:

Guidelines for Basic Adult Neurological Observation

Special Thank-you to:

Health Sciences North
Horizon Santé-Nord

CAMBRIAN COLLEGE

Neurosurgery Education & Outreach Network (NEON)
Provincial Neurosurgery Ontario (PNO)

Check us out on YouTube!

[Guidelines for Basic Neurological Observation](#)

Please visit:
www.criticalcareontario.ca
For the latest neurosurgical
guidelines and educational
webinars

CCSO Critical Care Services Ontario

LHIN	Organization	Neuro-Nurse Educator	Clinical Outreach Specialist
LHIN 1	Windsor Regional Hospital	Sean Hopkins	Sean Hopkins
LHIN 2	London Health Sciences Centre	Jean Morrow	Kimberly Salway
LHIN 3/4	Hamilton Health Sciences	Brenda Bousfield	Klaudia Gogishvili Sera Nicosia Tina Petrelli (Paeds)
LHIN 5/6	Trillium Health Partners	Beverly Espedido	Beverly Espedido
LHIN 7/8/9W/12	University Health Network	Charmaine Arulvarathan	Dawn Tymianski
LHIN 7/8/9W/12	St. Michael's Hospital	Wendy Legacy	Wen-Ya (Lory) Lee
LHIN 7/8/9W/12	Sunnybrook Health Sciences Centre	Lars Kure	Catherine Morash
LHIN 7	The Hospital for Sick Children	Elisabeth White	Elisabeth White
LHIN 9E/10	Kingston General Hospital	Marnie Cranston	Nicole Chenier-Hogan
LHIN 11	The Ottawa Hospital	Raizha Gramcko	Dianna Hughes
LHIN 13	Health Sciences North Sudbury	Lisa Weiler	Lindsay Roach
LHIN 14	Thunder Bay Regional Health Sciences Centre	Chad Johnson	Kim Belluz

