



To: Various Committee Meetings and Departments in GBHS, HDH, SBGHC

From: Andrea Rawn, Program Coordinator, Evidence-Based Care Program
Chair GBHN Order Set Committee

Date: June 2014

RE: 1st and 2nd Quarter Report 2014 - 2015 from GBHN Evidence Based Care Program and Order Set Committee

Please note that all Order Sets developed MUST have a clear physician/department based stakeholder(s) list. Protocols may be developed, but are not limited to, different disciplines outlining their scope of practice, with the understanding that ALL protocols must have an Authorized Provider order to initiate them and that the contents cannot be altered. All Authorized Providers are required to know the content of the protocols before initiating them.

Please also note that the policy and procedures to accompany new order sets are the responsibility of the corporations that utilize them. Stakeholders are encouraged to ensure ALL involved parties have been properly consulted and supporting documentation is in place.

For more in-depth description of changes, please refer to the Order Set Committee Meeting Minutes by contacting the Administrative Professional - Julia Metzger at jmetzger@hdhospital.ca or the Program Coordinator - Andrea Rawn at arawn@gbhs.on.ca

NEW ORDER SETS AND PROTOCOLS RELEASED FOR USE:

NEW – Packed Red Blood Cell (PRBC) Transfusion Order Set – In an attempt to standardize this practice an order set has been developed to assist in conforming to Lab requirements in reporting, as well as facilitating receipt of transfusion in the patients home site. This is more patient centered for the population that requires transfusion support for ongoing care. This order set is owned by the Lab and Nsg Committee and its representatives. This order set is Network approved for all corporations.

NEW – Platelets Transfusion Order Set – same as above

NEW – NEONATAL Therapeutic Hypothermia For Pre-Tertiary Care Admission Order Set – This order set is designed to prepare this population for transport to a higher level facility. Inclusion and exclusion criteria clearly laid out. The Paediatric group are the owners of this order set. This order set is Network approved for all corporations.

NEW – PAEDIATRIC – Intravenous Immune Globulin (IVIG) Infusion Order Set – This order set mirrors the adult set, but is directed to the paediatric population. One highlight of this set is that the calculator is NOT RECOMMENDED in this group because of their size. Currently WCCU is using a highbred adult set and this was developed to increase safety. The Paediatric group are the owners of this order set and protocol and is Network approved, although should only be given outside of Owen Sound with Paediatrician consultation.

NEW – PAEDIATRIC – Intravenous Immune Globulin (IVIG) Clinical Protocol and Nursing Worksheet – same as above.



MODIFIED ORDER SETS (Change Request Forms CRF) AND PROTOCOLS:

- CRF - Critical Care Intensive Insulin Therapy Clinical Protocol* – Name change to include “Owen Sound Site only”. This protocol was used on a med/surg unit and is designed strictly for critical care.
APPROVED as submitted.
- CRF – Ischemic Stroke Non-Thrombolytic Admission Order Set* - Some wordsmithing around diet orders and texture. Modified Rankin Scale had previously been requested to be removed, but that has been corrected as that is not best practice, although inquiries to other Stroke Centers state it is rarely used. Ondansetron added and Clopidogrel stat loading dose.
APPROVED with corrections to spelling for Clopidogrel updates to General formatting.
- CRF – Ischemic Stroke Thrombolytic Therapy Admission Order Set* – same changes as above with the exception of Clopidogrel and addition of notification order for temp greater than 37.5 C
APPROVED as submitted.
- CRF – Ischemic/Hemorrhagic Stroke Admission Order Set Rehab Stage* – same as above with the addition of the removal of VRE testing. This is a site specific order set and therefore conforms to the guidelines from GBHS.
- CRF – Organ Donation Order Set* – Trillium Gift of Life has requested that sub-typing for blood group A patients be done for kidney transplant patients. This order set has been changed to reflect that.
- CRF - Sepsis Admission Order Set* – change in diet orders to reflect recent changes in diet menus.
- CRF – Spinal/Epidural Analgesia Post-Operative Order Set* – clarification around wording of infusion rates of fentanyl, but not dosages. Suggestions added in dosing of trazodone and zopiclone. This will help to standardize wording that has been done to PCA order set (recent biannual review complete)
- CRF – Amputation Major Limb Post-Operative Order Set* – clarification around rehab referral and removal of pre-selection. Only about 50% of this population are referred and it is usually initiated by physio.
- CRF – Fractured Hip Post Op Order Set* – Request to clarify removal of foley catheter in “24 – 36 hours unless otherwise ordered”. This will facilitate best practice by removing the catheter in a timely fashion as presented best practice for antibiotic stewardship. Also clarification around saline lock and capping of IV.
- CRF – Total Hip Replacement Post-Operative Order Set* – same as above
- CRF – Total Knee Replacement Post-Operative Order Set* – same as above
- CRF – GBHS – Continuous Enteral Feeding Order Set* – addition of more monitoring of blood work after initiation of enteral feeding to gauge appropriateness of applied treatment. Also the addition of triglycerides and application of approved general order set changes keeping each order set consistent in the language. Addition of Artificial Saliva unselected for patient comfort.
- CRF – TPN Short-Term Monitoring Order Set* – same as above for Enteral Feeding
- CRF – GBHS – Owen Sound site only – Continuous Epidural Catheter During Labour Order Set* – change of diphenhydramine to ondansetron to keep all of these similar sets consistent. Anesthesia and pharmacy recommend ondansetron for its reduction of CNS effects. Also general order set changes to be consistent with standardization with all sets.
- CRF – HDH and SBGHC Continuous Epidural Catheter During Labour Order Set* – same as above
- CRF – GBHS – Post Cardiac Arrest Hypothermia Order Set* – correction of concentration for norepinephrine to make consistent with drip chart.



CRF – GBHS – Critical Care Post Cardiac Arrest Hypothermia Clinical Protocol – Clarification of TOF monitoring

CRF – Vaginal Birth Postpartum Order Set – clarification around Maternal Fetal Screen and when it must be drawn. Also because of some of the changes to the Epidural Order Set, there are consistencies that need to be communicated through this set. The continuation of the IV post epidural as well as the Ondansetron for pruritis. Also the NSAIDS used across the three corporations are different and this clarification has been made more prominent.

WITHDRAWN CHANGE REQUEST FORMS

Withdrawn CRF – Continuous Enteral Feeding Order Set – Changes to blood work monitoring to Mon – Thurs from Mon – Wed – Fri have been withdrawn due to different interpretation of best practice. The blood work will continue to be M – W – F until further notice.

Withdrawn CRF – TPN Monitoring Short-term Order Set – same as Enteral Feed above

BI-ANNUAL REVIEWS

BAR – Bowel Resection Post-Operative Order Set – Request from pharmacy originally to add “Pharmacist to dose on weight and renal function” for enoxaparin. Bi-annual review to update this order set with general changes and approval of the Chief of General Surgery.

BAR – Fractured Hip Pre-Operative Order Set – General order set updates applied as previously approved with the addition of ondansetron to replace diphenhydramine to be consistent with the Analgesia order sets.

BAR – Fractured Hip/Total Hip Replacement Post-Operative Receiving Hospital Order Set – same as above

BAR – Total Hip Replacement Post-Operative Order Set – general order set changes as applied to all to be consistent. Clarification of blood draw for increased drainage requiring a possible group and screen to maximize patient centered care in not having to have blood drawn twice. Clarification of mixing of Tranexamic Acid and timing. Removal of sedation as this is on the pain control sets and the duplication is causing confusion. Removal of some nursing instruction to inform as this is best surgical practice and would be standard with surgical patients. Removal of discharge instruction that is standardized for all surgical patients. Unselected CCAC as requested.

BAR – Fractured Hip Post-Operative Order Set – same as above.

BAR – Total Knee Replacement Post-Operative Order Set - same as above. Removal of DNR options as generally this population is having elective surgery for a common procedure.

BAR – GBHS – Owen Sound & Markdale only – PCA Post-Op Order Set – This order set has been completely overhauled in process as well as medication, as laid out by pharmacy and anesthesiology. Care of the foley catheter will now fall to the surgeon. Some clarification as to medications has been updated so that there is not duplication on two sets that are commonly applied to one patient. Instruction to nursing are now listed under communication orders, which, moving forward, is where they will be represented in the Carenet environment. Many changes have been applied to this set in terms of content and geography on the set itself.

BAR – Laparoscopic Pyeloplasty Post-Op Order Set – General order set changes applied to this in consult with the Chief of Urology and aligning with changes in medications on the anesthesiology sets.

BAR – Alternate Level of Care (ALC) Order Set – updates to formatting and general order set changes. New evidence states Mantoux test not suitable to patients over 65 years.



BAR – Caesarean Section Postpartum Order Set – clarity added around the timing of the Maternal Fetal Screen. Removal of self medication section as this was added to this order set in error. Updates in general formatting and content. Changes to make this discipline consistent in content ie ondansetron. Clarification around which sites have which medications to use on formulary.

BAR – Vaginal Birth – Labour and Birth Admission Order Set – Addition of Oxytocin drip pre delivery. General order set changes and changes consistent with this discipline of order sets.

MODIFIED PATHWAYS:

COPD Pathway – Changes to ER documentation to promote usage. This part of the pathway is consistently underused. A documentation audit was conducted with the ER Clinician to identify areas of concern and suggestion. Best practice recommendations for charting are frequently missing.

General Order Set Changes (Requests involving all order set)

General Order Set Changes – at the request of Acute Pain Service, all referrals to this service have been removed. Moving forward all requests will be placed physician to physician.

General Order Set Changes – updates to current isolation practice as outlined by the Provincial Infectious Diseases Advisory Committee (PIDAC).

Order Sets affected:

GBHS – OS only – Routine Psychogeriatric Admission Order Set: Completely remove Patient Isolation statement.

Cellulitis Admission Order Set: Change to read: Isolation: Consult Infection Prevention and Control

CAP Admission Order Set: Change to read: Isolation: Consult Infection Prevention and Control

C-Diff (Recurrence) Treatment Order Set: Remove words: “for confirmed case”

Febrile Neutropenia: Remove Isolation statement

General Order Set Changes – Request from SBGHC that all order sets that list Blood Gases now included “POC Blood Gas – Notify”

General Order Set Changes – Request to remove reference to Family Health Team (FHT) as a referral. When this was first added it was a simple request of Brockton, as they were one of the first FHT’s. This has now become much more complicated in that there must be a specific referral for service and is not longer feasible to be in the admission order set.

EBC Activity/Discussion:

The EBC Program had a vendor from Zynxcare present to a group of clinicians, HIS, and Administration from across the network. Further work is required to find comparison companies to look at options for Power Plans and Pathway build moving toward all sites going to EMR.

The Expert Panel for CHF for Health Quality Ontario wrapped up its final recommendations for QBP’s. These recommendations have been updated and released.

Request from ER physicians to have Stroke Inclusion/Exclusion Criteria page print with every Stroke order set as the use of TNK must be justified whether it is used or not. The group agreed that this will be part of the Stroke order sets to print each time they are used automatically. There is also a request to add a trial form for the physician to indicate type of stroke with each printing of the order sets for this population.

ORDER SET INCIDENTS TO REPORT

Alcohol Withdrawal Order Set - It was noted that the CIWA-ar form scale did not match the order set. The order set still had the old scale from the CIWA and since the form has been updated to the CIWA-ar the scale score had not been changed. It used to be 10, but now is a score of 8 for treating and not treating.



Artificial saliva was inadvertently added unselected to all order sets that had NPO as an option, instead of being limited to just the order sets named. An internal review was conducted, with consultation from pharmacy and it is now understood that ALL medications added, changed or deleted must be signed off by no less than the pharmacy rep on the order set committee, but certainly by some representative of the pharmacy department. This will include direct requests from the physicians. A RMP was completed and is ongoing. A list of affected order sets was compiled.

REQUESTS FOR NEW AND UNDER DISCUSSION:

Insulin Drip/ Dose Adjustment Order Set/Protocol (outside of Critical Care)
Diabetic Ketoacidosis Order Set
Insulin Pump Application Order Set
Paediatric Insulin Pump Application Order Set
Paediatric Methadone Admission Order Set
Paediatric Nalaxone Order Set
Altered Level of Orientation Diagnosis Order Set
Amputation Pre-op Order Set
GBHS only - Post Oncology Clinic Chemo Order Set for Admitted Patients
Request for EMERG specific order sets
 - EMERG - Smoke Inhalation Treatment Order Set
 - EMERG – DVT Treatment Order Set
 - EMERG – Owen Sound site only - CIWA-ar
 - EMERG – TIA Treatment Order Set (being trialed)
Wound Vac Order Set/Protocol
Warfarin Dosing Protocol
Diabetes Pathway
HDH only - PICC Line Placement Order Set
Palliative Care Admission Order Set
Upper Limb Post-op Order Set
Critical Care Sepsis Order Set
Therapeutic Phlebotomy Order Set
Same Day Admission Post-op Order Set
Complex Continuing Care Admission Order Set