



Delegation and/or Medical Directive

Title: Administration of Vitamin K to the Newborn

Policy Number: 06-01

Approval Date: March 2008

Review Date: Annually

Review Due Date:

Sponsoring Person: Chief of Department of Paediatrics, QHC BGH

Does this policy include a delegation of a controlled act? Yes No

Orders:	Appendix Attached: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Title:
If the appropriate physician or health care provider with ordering authority is not immediately available to provide the order, the nurse caring for the newborn infant at Quinte Healthcare Corporation (QHC) may administer Vitamin K intramuscularly to the neonate. Vitamin K dosage: 1 mg IM for newborn with a birth weight greater than 1500 grams 0.5 mg IM for newborns with a birth weight less than 1500 grams	

Recipient Patients:	Appendix Attached: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Title:
Newborn infants at Quinte Healthcare Corporation (QHC).	

Approving Physician(s)/ Authorizer(s):	Appendix Attached: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Title: Appendix 1: Designated Physician Authorization Sheet
Ensure a signed copy of approvals is maintained with the Medical Directives on the unit, Medical Directive Manual (Patient Services), and Chief of Staff office.	



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Authorized Implementers:	Appendix Attached: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Title: Appendix 2: Authorized Implementer Form Appendix 3: Self - Learning Package Appendix 4: Self Appraisal of Competency Statement for Authorized Staff
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All Quinte Healthcare Corporation nurses, who have:

1. Completed the Self - Learning Package or attended an education session and have reviewed the Medical Directive annually (*See Appendix 3 – “Self - Learning Package”*).
2. Completed the Self Appraisal of Competency Statement form and submitted to the manager, clinical educator or designate (See Appendix 4 – *“Self Appraisal of Competency Statement for Authorized Staff”*).

Indicators:	Appendix Attached: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Title: Appendix 3: Self - Learning Package
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- Newborns must receive Vitamin K within the first 6 hours of life (See Appendix 3 – *“Self - Learning Package”*).

Contraindications:	Appendix Attached: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Title:
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- Parent/legal guardian/substitute decision maker refuses treatment.
- Presence of a written order by a physician/health care provider with ordering authority, contravening the implementation of the order found in this medical directive.

Consent:	Appendix Attached: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Title:
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The patient is registered at QHC.
 The patient or substitute decision maker has given a verbal consent for the implementation of the Medical Directive.



Delegation and/or Medical Directive

Guidelines for Implementing the Order/Procedure:	Appendix Attached: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Title: Appendix 5: Implementing a Medical Directive
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The authorized nurse at QHC will ensure:

- A patient-physician relationship will be established in the near future.
- If needed, initial resuscitation measures will be completed before implementing this medical directive.
- The patient has no contraindications for the implementation of the Medical Directive.

Documentation and Communication:	Appendix Attached: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Title:
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Following QHC documentation policy and CNO standards, the nurse will document the appropriate assessments, treatments, and patient responses and outcomes, and ensure the directive is documented on the Administration of Vitamin K to the Newborn Directive Order Set. Administration of this medication will be documented on the MAR.

Review and Quality Monitoring Guidelines	Appendix Attached: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Title: Appendix 4: Self-Appraisal of Competency Statement for Authorized Staff
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The Designated Instructor (Clinical Educator or designate) will supervise the clinical component every 2 years, either on the Unit or at a designated education session.

Staff identifying any untoward or unintended outcomes arising from implementation of orders under this directive, or any issues identified with it will report these to the manager as soon as possible for appropriate disposition. This does not include untoward or unintended outcomes or issues that are possible clinical sequelae regardless of whether a directive or direct order is used.

Administrative Approvals:	Appendix Attached: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Title:
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Date of Pharmacy and Therapeutics Committee Approval: October 2015

Date of Maternal/Child Care Program Advisory Committee: February 21, 2019

Date of MAC approval:

Ensure a signed copy of approval is maintained with the medical directive manual coordinator, and with the Chief of Staff office.

Chief of Staff

Chief Nursing Executive

Date

Date

References:

- Canadian Paediatric Society (CPS) (1997). Routine administration of vitamin K to newborns [Practice Statement: Reaffirmed 2013]. *Paediatrics and Child Health*, 2 (6), p. 429 – 431. <http://www.cps.ca>
- College of Nurses of Ontario. (2004). *Directives. [Practice Guideline: Revised 2014]*. Toronto, ON: Author. www.cno.org
- Evans, R. J., Evans, M. K., Brown, Y. M. & Orshan, S. A. (2010). *Canadian maternity, newborn and women's health nursing*. Philadelphia, PA: Wolters Kluwer | Lippincott Williams & Wilkins.
- Giuseppe, L., Franchini, M. (2011). Vitamin K in neonates: facts and myths. *Blood Transfusion*, 9. P. 4 – 9. doi: 10.2450/2010.0034-10.
- Jones, C. (2013). Separating fact from fiction in the not-so-normal newborn nursery: Vitamin K shots... p. 1 – 28. Retrieved from: <http://www.sciencebasedmedicine.org>

Appendices:

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| Appendix 1: | Designated Physician Authorization Sheet |
| Appendix 2: | Authorized Implementer Form |
| Appendix 3: | Self – Learning Package |
| Appendix 4: | Self Appraisal of Competency Statement for Authorized Staff |
| Appendix 5: | Implementing a Medical Directive |