

Course Syllabus

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Course Code: MW 365

Course Title: Newborn Pharmacology

Credits: 0.5

Course Description: This course covers the various allopathic and non-allopathic medications that might be used for the care of a newborn in the postpartum stage. The student will learn about the use of oxygen and medications that aid in the resuscitation of a newborn. The various options for ophthalmic and vitamin K prophylaxis are covered in detail.

This course uses current research in midwifery and obstetrics to broaden the student's understanding of the NARM skills and MEAC essential competencies learned under clinical supervision.

Learning Objectives

Learning objectives are identified through the linking of MEAC Essential Competencies and the NCM Degree Qualification Profile.

Learning Activities

Newborn Courses

Read, listen to, watch assigned lesson materials.

Submit a written summary of current research.

Complete oral and/or written formative didactic assessments with a final summative submission.

Identify and cite high-quality sources.

Use articulated reasoning while participating in an oral presentation, facilitated discussions and skills demonstrations.

Optional: Participate in a skills demonstration and/or role playing activity.

Create an infographic, handout, and/or community resource.

Optional: Develop a study aid.

Complete a final exam.

Note: The clinical requirement of NARM /Clinical Skills is completed at any time throughout the ASM apprenticeship during actual clinical practice and is NOT a requirement to complete this academic course. Typical clinical manifestations of knowledge learned in this course are identified in the learning objective document above.

Learning Materials / Resources:

Please use textbooks less than 5 years old or most recent edition.

1. Thureen, et al. Assessment and Care of the well newborn. 2nd ed. Elsevier Saunders. 2004.
2. Cunningham, Kenneth Leveno, Steven Bloom, and John Hauth. William's Obstetrics. 24th edition. McGraw-Hill Professional. 2014.
3. Marshall, Jayne E, Raynor, Maureen D(editor). Myles Textbook for Midwives. Churchill Livingstone; 16 edition. 2014.
4. Varney, Helen. Varney's Midwifery, 5th Edition. Jones and Bartlett Publishers. 2014.
5. Frye, Anne. Holistic Midwifery: A Comprehensive Textbook for Midwives in Homebirth Practice, Vol. 2. 2nd edition. Labrys Press. 2013
6. Weaver, Pam and Evans, Sharon K. Practical Skills Guide for Midwifery, 5th Edition. Morningstar Publishing Co. Wasilla. 2012.

Resources for all Courses:

MEAC Abbreviated NARM Skills Form:

<http://www.midwiferycollege.org/AcademicProgram/Downloads/ASM/Clinical/FormNARMSkills.pdf>

MEAC Essential Competencies:

<http://www.midwiferycollege.org/downloads/worddocs/Curriculum-Checklist-of-EssentialCompetencies-rev-2014.pdf>

Midwives Model of Care®: <http://cfmidwifery.org/mmoc/brochures.aspx>

Students must find 1 article/study less than 5 years old. Recommended internet links as needed for latest developments in midwifery care:

<https://www.midwiferycollege.edu/resources-national-college-of-midwi>

Evaluation Tools / Methods:










The minimum passing grade for all courses is a cumulative 80% / B-. Grades are not recorded until both the student and preceptor submit end of trimester evaluations and in the case of general education courses supervision is completed.

All assignments for this course are evaluated using the following criteria:

1. Responses to each didactic assessment are evaluated utilizing the NCM rubrics and degree level profile.
2. Answers should reflect a thorough review of the current literature regarding best current practices in midwifery care.
3. Non-plagiarized paraphrased answers from the text which demonstrate appropriate comprehension of the learning objective. (Formative Assessment) Students and preceptors are encouraged to work together until the student masters the information. (Summative Assessment)
4. Random evaluation of cited sources and page numbers for each written assignment.

Course credit: One Academic credit equals approximately 15 hours of formal time plus 30 hours of additional study or homework. Formal time is defined as the amount of time taken to answer the Learning Objectives to the level of 80% for midwifery courses and 70% for general education courses and to complete any learning activities to the preceptor's satisfaction, including any time spent face to face with the preceptor. Informal time includes any time spent actively reading relevant sources and textbook/s, researching Learning Objectives, and studying for examinations.

Course Summary:

Date	Details
Tue Jul 25, 2017	 Office Hours (https://ncm.instructure.com/calendar?event_id=154&include_contexts=course_184) 8am to 9am
	 A Note on Community Building Activities https://ncm.instructure.com/courses/184/assignments/10556
	 Exams and Quizzes (https://ncm.instructure.com/courses/184/assignments/10557)
	 Herbalist (https://ncm.instructure.com/courses/184/assignments/10704)
	 Highly Recommended Optional Enrichment Activities https://ncm.instructure.com/courses/184/assignments/13501
	 Journal Article Summary https://ncm.instructure.com/courses/184/assignments/10558
	 MW365-001 - Describe the use of ophthalmic prophylaxis in the newborn. https://ncm.instructure.com/courses/184/assignments/10486
	 MW365-002 - Discuss the use of silver nitrate on the newborn. https://ncm.instructure.com/courses/184/assignments/10488
	 MW365-003 - How and when should silver nitrate be administered and at what dosage. (https://ncm.instructure.com/courses/184/assignments/10490)

Date



MW365-004 - What are the adverse effects and contraindications for the use of silver nitrate? (<https://ncm.instructure.com/courses/184/assignments/10492>)



MW365-005 - Discuss the use of erythromycin ointment on the newborn. (<https://ncm.instructure.com/courses/184/assignments/10494>)



MW365-006 - What are the adverse effects and contraindications for the use of erythromycin? (<https://ncm.instructure.com/courses/184/assignments/10496>)



MW365-007 - Discuss the use of tetracycline on the newborn. (<https://ncm.instructure.com/courses/184/assignments/10498>)



MW365-008 - What are the adverse effects and contraindications for the use of tetracycline? (<https://ncm.instructure.com/courses/184/assignments/10500>)



MW365-009 - Describe the use of vitamin K prophylaxis for the newborn. (<https://ncm.instructure.com/courses/184/assignments/10502>)



MW365-010 - Describe the use of injectable vitamin K prophylaxis and its expected effect on preventing vitamin K deficient bleeding. (<https://ncm.instructure.com/courses/184/assignments/10504>)



MW365-011 - Discuss the dose, route, and timing of injectable vitamin K prophylaxis. (<https://ncm.instructure.com/courses/184/assignments/10505>)



MW365-012 - Discuss any side effects or contraindications for the use of injectable vitamin K prophylaxis. (<https://ncm.instructure.com/courses/184/assignments/10506>)



MW365-013 - Describe the use of oral vitamin K prophylaxis and its expected effect on preventing vitamin K deficient bleeding. (<https://ncm.instructure.com/courses/184/assignments/10508>)



MW365-014 - Discuss the dose route and timing of oral vitamin K prophylaxis. (<https://ncm.instructure.com/courses/184/assignments/10514>)



MW365-015 - Discuss any side effects or contraindications for the use of oral vitamin K prophylaxis. (<https://ncm.instructure.com/courses/184/assignments/10515>)



MW365-016 - Describe the uses and composition of colostrum. (<https://ncm.instructure.com/courses/184/assignments/10516>)



MW365-017 - Review the benefits of each of its components, how it should be administered and how often. (<https://ncm.instructure.com/courses/184/assignments/10517>)



MW365-018 - Describe the uses of oxygen for the neonate. (<https://ncm.instructure.com/courses/184/assignments/10518>)





















MW365-019 - What are the known risks of oxygen overdose in the neonate? (<https://ncm.instructure.com/courses/184/assignments/10519>)



MW365-020 - Why is room air now recommended for use in neonatal resuscitation? (<https://ncm.instructure.com/courses/184/assignments/10520>)



MW365-021 - Explain when epinephrine is indicated during resuscitation. (<https://ncm.instructure.com/courses/184/assignments/10521>)

Date	Details
	 MW365-022 - What concentration, preparation and dosage of epinephrine are given? (https://ncm.instructure.com/courses/184/assignments/10523)
	 MW365-023 - Discuss the expected effect, follow-up, and special attributes to keep in mind when using epinephrine. (https://ncm.instructure.com/courses/184/assignments/10525)
	 MW365-024 - Explain when sodium bicarbonate is indicated during neonatal resuscitation. (https://ncm.instructure.com/courses/184/assignments/10527)
	 MW365-025 - Give the concentration, dosage and route of sodium bicarbonate used. (https://ncm.instructure.com/courses/184/assignments/10529)
	 MW365-026 - Discuss the expected effects, signs, and follow-up procedures when using sodium bicarbonate. (https://ncm.instructure.com/courses/184/assignments/10531)
	 MW365-027 - Discuss an herbal or homeopathic remedy that can be used for an infant with thrush. (https://ncm.instructure.com/courses/184/assignments/10533)
	 MW365-028 - Discuss the expected action for the use of the above remedy and any follow-up that is necessary. (https://ncm.instructure.com/courses/184/assignments/10535)
	 MW365-029 - Discuss an herbal or homeopathic remedy that can be used for an infant with colic. (https://ncm.instructure.com/courses/184/assignments/10537)
	 MW365-030 - Discuss the expected action for the use of the above remedy and any follow-up that is necessary. (https://ncm.instructure.com/courses/184/assignments/10539)
	 MW365-031 - Discuss an herbal remedy for diaper rash. (https://ncm.instructure.com/courses/184/assignments/10541)
	 newborn eye prophylaxis (https://ncm.instructure.com/courses/184/assignments/10702)
	 One Opinion on Vitamin K (https://ncm.instructure.com/courses/184/assignments/11306)
	 Optional NARM Like Exam (https://ncm.instructure.com/courses/184/assignments/10554)
	 Optional: Create a Set of Flashcards to Study for the NARM Exam (https://ncm.instructure.com/courses/184/assignments/15217)
	 START HERE: Learning Objectives (https://ncm.instructure.com/courses/184/assignments/10559)
	 Student Evaluation of Course and Instructor (https://ncm.instructure.com/courses/184/assignments/10543)
	 Updated Knowledge and Technology (https://ncm.instructure.com/courses/184/assignments/10560)
	 vitamin K (https://ncm.instructure.com/courses/184/assignments/10703)

