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**(New born nursing care) Course Catalogue 2020-2021**

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| **College** | **Erbil Polytechnic University** | |
| **Institute** | **Erbil Medical Technical Institute** | |
| **Department** | **Midwifery Department** | |
| **Module Name** | **New born nursing care** | |
| **Module Code** | **NNC302** | |
| **Semester** | **3** | |
| **ECTS** | **6** | |
| **Module type** | **(Core module)** | |
| **Weekly hours** | **4** |  |
| **Weekly hours (Theory)** | **( 2 )hr Class** | **( 3 )hr Workload** |
| **Weekly hours (Practical)** | **( 2 )hr Class** | **( 2 )hr Workload** |
| **Lecturer (Theory)** | **Hanaa.othman.Saadi** | |
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| **Lecturer (Practical)** |  | |
| **Email** |  | |

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| **course overview: This course subject provides the midwife students with the basic knowledge and information about the fetus, its development and its physiology. It allows midwives to treat and prevent potential health problems throughout the course of the pregnancy, while promoting feto-maternal monitoring to reduce miscarriages as well as birth defects, low birth weight, and other preventable health problems. The student will be introduced to monitor the fetal wellbeing. Students will be provided with knowledge about problems that might arise at birth. Student will study the physiological changes immediately after birth of the baby. The course emphasis on neonatal resuscitation. Students will be exposed to situations like pregnancies at risk to fetus in clinical settings as in clinics, or on labour ward, and in the theatre.** | |
| **course objectives**: On completion of this course the student will be able to:   * **To demonstrate basic knowledge about fetal development throughout pregnancy** * **To assess the fetal wellbeing** * **To recognise the normal and abnormal growth of the fetus** * **To recognise fetus at risk** * **To do nursing care of newborn and to do primary assessment** * **To be prepared to receive the baby after birth** * **To be familiar with equipment's required for resuscitation** * **To do nursing intervention when necessary** * **To make a nursing plan in abnormal babies** * **To indicate cases for admission** * **To provide parents with information.** * **Be familiar with medications that is given to neonates** | |
| **Student's obligation**  Presence of the student regularly in the theory classes and frequent quizzes to help review the subjects. Attending the clinical sessions and collecting cases on the delivery and postnatal ward. Assessment of the student depending on the collected cases and her performance. | |
| **Forms of teaching**  **Theory**: lecture halls with computers equipment for lecture presentations, white board, overhead projector, posters  **Laboratory practice**: Laboratory with equipment for training, white board, computer with equipment for PowerPoint presentations, overhead projector, posters  **Field practice**: equipment available in various settings and hospitals. skill demonstration, case-based learning, group work, group discussion, clinical facilitation, clinical mentorship, seminar, workshop.  **General:** library, computer suite with internet access | |
| -  **Assessment scheme** : 6% Mid. Theory exam, 10% Mid. practical exam, 4% Quiz, 60% Assignments, 15% final practical, 10% final theory | |
| **Student learning outcome:** At the end of the course the student should be able to work as a midwife, this will include understanding newborn’s health problems and monitoring of newborn babies through basic skills obtained during course time. She will be efficient to understand and help first few days of baby’s life problems and help breastfeed babies. She can handle preparing patients before operation and do follow ups on both baby and mother. She will have good knowledge in diseases related to feeding or jaundice and infection. She will be confident to work with the gynecologist and pediatric team in private or public clinics and neonatal care units. Capable to do minor blood tests and procedures like inserting a venflon. | |
| **Course Reading List and References‌:**   * Varney’s Midwifery, 4th edition * PN Nobis, second edition, Clinical methods in Obstetrics and gynecology * RCOG,Resuscitation of babies at birth. * <http://www.mayoclinic.org/healthy-living/pregnancy-week-by-week/in-depth/high-risk-pregnancy/art-20047012?pg=2> | |
| **The Topics:** | **Lecturer's name** |
| |  |  |  |  | | --- | --- | --- | --- | | **Week** | **Unit** | **Outline** | **No. of Hours**  **2hours** | |  |  | History background of neonatal care |  | |  |  | The fetus: development of the fetus, | 15/9/2019 | |  |  | Fetus wellbeing | 22/9/2019 | |  |  | Fetus at risk and nursing care | 1/10/2019 | |  |  | Fetal circulation |  | |  |  | Physiological Changes at birth |  | |  |  | Failure of normal transition:Birth asphyxia |  | |  |  | Ongoing changes of normal newborn |  | |  |  | Premature babies |  | |  |  | Birth injuries |  | |  |  | Congenital abnormalities |  | |  |  | Newborn affected by Maternal infections |  | |  |  | Heart problems |  | |  |  | Neonatal hypothermia |  | |  |  | Neonatal jaundice |  | |  |  | Stillbirth and neonatal death |  | |  |  | Bereavement care |  | |  |  | Midwifery/nursing intervention |  | |  |  | Midwifery/nursing evaluation |  | |  |  | Communication with parents and medical professionals |  | |  |  | Record keeping |  | |  |  | Special considerations; Babies born at 24 weeks or less |  | |  |  | Severe congenital abnormalities |  | |  |  | Special Care Unit /ICU/RCU |  | |  |  | Special Care Unit /Quality of care |  | |  |  | Modern Special Care Unit |  | |  |  | Survival rates in Special Care Unit |  | |  |  | Skills required to work at SCU |  | |  |  | Baby outcome at Maternity Hospitals |  | |  |  | Babies requiring immediate surgical interference |  | | **Total** | | |  | | Lecturer's name Hanaa.Othman.Saadi  MSc. In paediatric nursing |
| **Practical Topics (If there is any)** |  |
| |  |  |  | | --- | --- | --- | | **Week** | **Outline** | **Number of hours:3** | |  | Newborn assessment immediate afterbirth |  | |  | Newborn heartbeat |  | |  | Newborn breathing |  | |  | Newborm colour |  | |  | Newborn muscle tone |  | |  | Newborn reflexes |  | |  | Newborn breast feeding |  | |  | Newborn history |  | |  | Gestational age assessment |  | |  | Neuromuscular evaluation |  | |  | Physical maturity |  | |  | Newborn measurements |  | |  | Physical examination of the newborn |  | |  | Measurements |  | |  | Assessment for birth defects |  | |  | Neurological examination |  | |  | Becoming confident at physical examinations |  | |  | Newborn resuscitation |  | |  | asphyxia |  | |  | anticipation |  | |  | Equipment preparation |  | |  | PPV |  | |  | Chest compression |  | |  | medications |  | |  | Case scenario |  | |  | Case scenario |  | |  | Case scenario |  | |  | Case scenario |  | |  | Case scenario |  | |  | Case scenario |  | | **Total** | |  | | Lecturer's name  Dr.Zjian Muhammad Ommar |
| **Examinations:**  ***1. Compositional:*** The commonest type of jaundice is the physiological jaundice, how this develops? What are the other types?  ***2.******True or false type of exams:***  Q1. The colour of most babies when they are bornis blue.  Answer: True  ***3. Multiple choices:***  Baby respiratory rate is:   1. Below 30/minute 2. 30-60/minute 3. 90/minute | |
| **Extra notes:**  2nd semester is short and full of holidays which affects the teaching process as it will be difficult to complete some course subjects. My suggestion is to take this issue seriously. | |
| **Peer review پێداچوونه‌وه‌ی هاوه‌ڵ**  This course book has to be reviewed and signed by a peer. The peer approves the contents of your course book by writing few sentences in this section.  *(A peer is person who has enough knowledge about the subject you are teaching, he/she has to be a professor, assistant professor, a lecturer or an expert in the field of your subject).*  ئه‌م کۆرسبووکه‌ ده‌بێت له‌لایه‌ن هاوه‌ڵێکی ئه‌کادیمیه‌وه‌ سه‌یر بکرێت و ناوه‌ڕۆکی بابه‌ته‌کانی کۆرسه‌که‌ په‌سه‌ند بکات و جه‌ند ووشه‌یه‌ک بنووسێت له‌سه‌ر شیاوی ناوه‌ڕۆکی کۆرسه‌که و واژووی له‌سه‌ر بکات.  هاوه‌ڵ ئه‌و که‌سه‌یه‌ که‌ زانیاری هه‌بێت له‌سه‌ر کۆرسه‌که‌ و ده‌بیت پله‌ی زانستی له‌ مامۆستا که‌متر نه‌بێت.‌‌ | |