



Pediatrics – Newborn Nursery

Contact Information

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Site(s)

Royal Victoria Hospital

Elective Description

The Division of Neonatology offers an elective in Newborn Nursery at the Royal Victoria Hospital to clerkship students. The student will function as the primary physician for two to three newborn infants, round with the team, attend and present at teaching conferences. It will familiarize students with the care of newborn infants, full term and premature. This elective is particularly appropriate for students interested in pediatrics, cardiology, obstetrics, and/or clinical genetics.

Elective Duration

2, 3 or 4 weeks

Educational Objectives

1. Familiarize oneself with the normal newborn examination, with recognition of the wide variations of normal
2. Consolidate knowledge about the care of the newborn, including issues regarding feeding, weight loss, the umbilicus, ophthalmia neonatorum, Vitamin K, as well as common neonatal diagnoses such as hip dysplasia, natal teeth, hydroceles, hernias, hypospadias, skin rashes, etc
3. Consolidate knowledge about breastfeeding: benefits and difficulties, particularly exclusive breastfeeding and the primigravida mother, the premature and the low birth weight infant
4. Gain knowledge about the management of jaundice in the newborn, before and after discharge



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5. Learn about the management of the baby with risk factors for sepsis
6. Issues to consider when discharging a baby, follow-up and anticipatory guidance, particularly when potential risks factors are present, such as prematurity, low birth weight, antenatal diagnosis of pyelectasis/hydronephrosis or other anomalies/conditions
7. Learn about the different newborn screening programs (genetic conditions, hearing loss, congenital cardiopathology)
8. Anticipatory guidance: safe sleeping environment, smoking in the home, parental preparedness for emergencies for their newborn, when should parents seek help or go to the pediatric emergency

Prerequisites

N/A

Scope of Work

The day will start at 8:30am and end at 5:00pm, there are no evening/night on-call responsibilities.

Recommended Reading/Preparation

The newborn physical exam:

<https://www.aafp.org/afp/2014/0901/p289.html>

<https://www.aafp.org/afp/2014/0901/p297.html>

<https://www.youtube.com/watch?v=cracmPo3iYo>

Breastfeeding Resources:

Read the attached *evidence-based article by Feldman-Winter et al.*, around breastfeeding as well as watch a 20-minute video on breastfeeding before or during your week in the Newborn Nursery.

Video: <https://med.stanford.edu/newborns/professional-education/breastfeeding/a-perfect-latch.html>

A [90 minute UBC e-learning activity](#) (FREE) that is geared toward family physicians and covers the most pertinent and critical elements of supporting breastfeeding.

The AAP Breastfeeding Curriculum: <https://services.aap.org/en/learning/breastfeeding-curriculum/>