



# Undergraduate Medical Education Elective

<b>Pediatrics – Neonatology</b>
<b>Sites</b>
Montreal Children’s Hospital Jewish General Hospital

## Montreal Children’s Hospital

<b>Contact Information</b>			
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**Elective Description**

The Division of Neonatology offers an elective in Neonatal Intensive Care in our level IV unit at the Montreal Children's Hospital to clerkship students. The student will function as the primary physician for two to three newborn infants, round with the NICU 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, intensive care, cardiology, surgery, and/or clinical genetics. If the student has a particular interest in the developmental outcome of infants with complex problems, arrangement could be made with our Neonatal Follow-up clinic.

## Jewish General Hospital

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**Elective Description**

This elective will give an opportunity for clinical and/or research work in both the regular nursery and our Neonatal Intensive Care level III unit. It will attempt to familiarize students with the care of newborn infants, full term and premature. Emphasis is placed on the understanding of the physiology and pathophysiology of neonatal conditions and also parental support and counseling. Opportunities also exist



for clinical and research exposure to developmental pharmacology and drug therapy of the newborn. Time can also be spent at the Follow-Up Clinic.

<b>Elective Duration for both sites</b>
2, 3 or 4 weeks
<b>Educational Objectives for both sites</b>
Familiarize with the environment of the NICU and improve knowledge.
<b>Pre-requisites for both sites</b>
Last year of medical school.
<b>Scope of Work for both sites</b>
Participate in all activities of the department, including clinical and teaching rounds and conferences. However, not directly responsible for patient care.
<b>Recommended Reading/Preparation for both sites</b>
Basic elements of newborn care including common problems and solutions Topics: <ul style="list-style-type: none"> <li>• Jaundice</li> <li>• Hematology disorders</li> <li>• Respiratory distress syndrome and modes of respiratory support</li> <li>• Perinatal asphyxia</li> <li>• Hypothermia / Cooling</li> </ul>



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