



Pediatrics – Complex Care Service

Contact Information

Supervisor	Dr. Sara Long Gagné	Telephone	(514) 412-4260
		E-mail	slonggagne@gmail.com
Coordinator	Dominique Parent-Isabelle	Telephone	(514-412-4200, ext 24260)
		E-mail	dominique.parent-isabelle@muhc.mcgill.ca

Site

Montreal Children's Hospital

Elective Description

What is Pediatric Complex Care Service (CCS)?

CCS provides specialized outpatient and inpatient care for children with chronic, complex and/or illnesses characterized by complexity, fragility and/or technological dependency.

Patient groups include:

- Neuromuscular disease (ex. Duchenne muscular dystrophy, spinal muscular atrophy)
- Multiplex (ex. rare genetic syndromes, complicated Trisomy 21)
- Chronic lung disease requiring home oxygen
- Total Parental Nutrition (ex. short gut syndrome)
- Tracheostomy and Home Ventilation
- Outpatient IV Antibiotics (ex. Osteomyelitis, mastoiditis, UTIs)
- Heart and Liver Transplant
- Congenital Hemostasis (ex. Hemophilia)
- Thalassemia

CCS is an interdisciplinary service consisting of:

- Pediatricians
- Nurses
- Physiotherapist
- Occupational Therapist
- Psychologist
- Dietician
- Child life worker
- Social worker



Undergraduate Medical Education Elective

What can you expect to get out of this rotation?

Whether you are specifically interested in pediatrics or not, almost all future clinicians will need to develop a skill set in caring for patients with chronic and increasingly complex problems. Why? Because our acute care has improved significantly, patients of all ages are living longer and families want to optimize this longevity as much as possible. The comprehensive, longitudinal care of patients is very different than acute, intermittent problem-based (not patient-based) care that you have probably seen much more often.

What can you expect to observe in the CCS?

- i) Interdisciplinary, and multidisciplinary, teamwork
- ii) Comprehensive longitudinal care of children, focused on optimizing development, overall health
- iii) Proactive care planning (not traditional “reactive” health care where we wait for a problem and then seek to treat it)
- iv) a strong model of patient and family centred care

What can you expect to improve in your own clinical skill set?

You will have many opportunities to practice your skills in:

- History taking
- Physical exam
- Writing progress notes
- Completing comprehensive consultations
- Developing your skills in clinical analysis and planning of care

Elective Duration

2, 3 or 4 weeks

Educational Objectives

Most of these objectives are, in fact, general skills that are applicable to the broad range of patients with chronic and/or complex medical conditions, of any age. At the end of the rotation the trainee will be able to:

Medical Expert

- Discuss the concept of the medical home



- Identify children with medical complexity (CMC) by virtue of their complexity, fragility high intensity/ technological dependency and functional dependency
- Participate in home, school and daycare visitations(if available)
- Demonstrate medication reconciliation for CMC
- Identify the potential polypharmacy drug interactions for CMC

Communicator

- Elicit a thorough and comprehensive history from a complex pediatric patient and/or his/her caregivers
- Assess the psychosocial impact of chronic illness on patients and families
- Develop the skills necessary to work effectively in the interdisciplinary setting
- Present and discuss patient cases to team members in a thorough and concise manner
- Document clinical encounters in a thorough and concise manner; including summaries, consults and medical visits
- Provide timely and appropriate information for the patient's primary care provider (community pediatrician/family physician) if applicable

Scholar

- Demonstrate skills related to critical appraisal of the literature

Collaborator

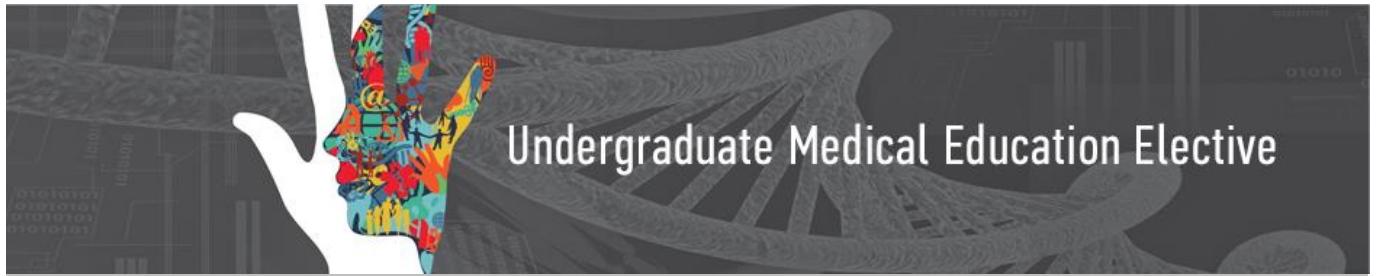
- Identify the roles of all team members in the care of CMC
- Appreciate that parents/caregivers of CMC are our partners and have shared decision making
- Demonstrate an understanding of the resources available in the community needed to support CMC

Manager

- Consult appropriately the interdisciplinary team members in developing patient care plans
- Advocate
- Appreciate the role of the pediatrician in advocating for community resources for CMC

Professional

- Practice respectful interactions with patients, families, colleagues, and co-workers
- Acknowledge the potential of personal bias and emotional response and how this may influence one's attitude, team function and patient care
- Demonstrate a sense of ethics and responsibility
- Demonstrate sensitivity to the diversity of humanity



- Act only within their level of competence and seek help, advice, or consultation when appropriate

Prerequisites

Students are required to have completed their core pediatric clerkship rotation.

Scope of Work

There will be both inpatient and outpatient care.

Inpatients: Round on inpatients, do ward consults.

Outpatients: Acute clinical visits, scheduled clinic visits.

Work hours are variable Monday to Friday depending on the volume of patients; however generally hours are from 8:30 to 5:30. There is no on-call.

Recommended Reading/Preparation

We will provide you with reading materials once elective is approved.



McGill

Faculty of
Medicine Faculté de
médecine