Preamble:
The Community Medicine Specialist uses current population health knowledge and skills to play leading and collaborative roles in the maintenance and improvement of the health and well being of the community. Through inter-disciplinary and inter-sectoral partnerships, the Community Medicine Specialist measures the health needs of populations and develops strategies for improving health and well being through health promotion, disease prevention and health protection.

General Objectives:
In the course of the rotation residents will gain experience in assessing CD related health needs of a population; investigating CD health issues; assessing sociopolitical realities and advocating the appropriate action to improve health; plan, implement and evaluate CD/immunization related health programs and/or strategies; contribute to the formulation of public policy; collaborate and build partnerships; contribute to the body of knowledge of community medicine; demonstrate ethical attitudes and behaviour; demonstrate leadership skills.

Medical Expert/Clinical Decision maker
Assessment: Demonstrate skill in the assessment of the health of a population as it relates to CDs using a variety of methods to collect information relevant to the clinical setting and situation at hand. These include the ability to access and interpret existing CD and immunization data sources and indicators; health behaviour data; social, economic and environmental factors related to a CD issue; epidemiologic data; CD/infection control guidelines. Demonstrate the ability to gather information, analyze and describe the health of the population as it pertains to the communicable disease issue at hand (e.g. communicable disease rates, biological risk markers, health behaviours including immunization practices, sexual practices, risk taking, environmental monitoring (e.g. water, food), infection control practices or other practices which impact on disease transmission). Use microcomputers in epidemiologic investigations. Understand the principles of CD control, reporting requirements, case definition, and the roles of various agencies in CD control (provincial, federal, lab). Demonstrate knowledge of the major CDs in Canada (natural history, descriptive epidemiology, risk factors, impact, and prevention and treatment).

Interventions: Investigate and manage a communicable disease outbreak. Develop, implement and evaluate a CD surveillance and control program. Apply the principles and strategies of harm reduction, health protection, disease prevention and health promotion to a CD issue. Use legal dispositions as appropriate. Assess ethical issues in surveillance and control. Demonstrate use of prophylaxis and treatment modalities as appropriate in the Community Medicine context.

Communicator:
Demonstrate skill in communicating assessment and recommendations related to a CD issue (including rationale) to community partners, service providers, policy makers and the public, both orally and in writing. Develop a communication plan about a CD issue, including a media
component. Demonstrate knowledge of principles of risk communication. Respond to media enquiries about CD issues. Demonstrate effective listening skills, and elicit and provide feedback. Demonstrate group facilitation skills.

**Collaborator:**
Develop effective relationships for gathering and sharing of information with physicians and other service providers, community partners, clients and patients. Effectively participate in interdisciplinary teams for the purpose of information exchange, conflict resolution and problem solving. Identify and seek out appropriate partners who can contribute to the assessment and resolution of a CD issue. Employ a variety of means to engage stakeholders. Clearly articulate the goals and objectives of a given collaborative process. Identify and describe the role and expected contribution of members of an interdisciplinary team assembled to address a health issue. Demonstrate collaborative approach to delivery of services.

**Manager:**
CD, Immunization, or Infection control program planning: Conduct a needs assessment. Prioritize program alternatives. Design an implementation plan. Assess the evaluability of a program. Carry out a program evaluation. Understand and use leadership, negotiation, and conflict resolution skills. Develop an organizational policy and procedure. Set an agenda, chair a meeting, act as secretary.

**Health Advocate:**
Apply knowledge of distribution and determinants of health status information to develop a position on a CD/Immunization/Sexual Health/Environmental Health issue as it pertains to the CD issue at hand. Demonstrate policy development and implementation. Identify opportunities for policy change and/or advocacy. Define an advocacy position and defend it persuasively. Understand and utilize strategies to support policy change. Demonstrate ability to assist development of community capacity.

**Scholar:**
Pose a research question and participate actively in research process (e.g, epidemiologic research, document an outbreak investigation). Contribute to new knowledge through dissemination of findings. Develop a personal learning plan. Provide educational and training support to others (colleagues, public). Demonstrate ability to critically appraise research and literature. Demonstrate ability to use and interpret statistics. Carry out a field investigation or survey as it pertains to the CD issue at hand.

**Professional:**
Evaluates own skills and abilities, knows limits of professional competence, knows when to consult with others. Identifies ethical issues (e.g. informed consent, privacy rights, conflict of interest) in the course of practice and applies appropriate strategy to address them. Recognize and respond effectively to unprofessional behaviours in others. Demonstrate awareness of and exhibit appropriate interpersonal behaviours in professional relationships. Find opportunities to evaluate and improve skills in this area.