

# Lower Mainland Pharmacy Services PHARMACY PRACTICE RESIDENCY PROGRAM



Provincial Health  
Services Authority



## Medication Use Evaluation (MUE) Rotation Lower Mainland Pharmacy Services Rotation Manual

**PRECEPTORS:** PRIMARY – Angela Lo, Aaron Tejani  
OTHER PRECEPTORS: Jane Day, Isla Drummond, Linda Tang, Anthony Tung,  
Anna Yuen, Angus Kinkade  
LOCATION - Various LMPS locations, mainly based at LMPS Vancouver Office,  
VGH, Heather Pavilion, Level D

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### RELATED CHRPB STANDARDS

#### 3.2 Manage and Improve Medication Use Systems

*The resident shall demonstrate a working knowledge of medication use system(s), as well as pharmacy and other care provider roles within the system, in order to manage and improve medication use for individual patients and groups of patients.*

**R2:** The resident shall work in cooperation with pharmacy, nursing and medical staff, as well as with other members of the organization's team, to improve medication use for individual patients and groups of patients.

#### 3.3 Exercise Leadership

*The resident shall apply leadership and management skills to contribute to the goals of the program, department, organization and profession.*

**R2:** The resident shall apply knowledge of a management principle or area (e.g., organization, human resources, resource utilization, pharmacoeconomics, communications, continuous quality improvement, change management, and/or patient safety) as well as organizational structure (e.g., roles of the pharmacy management team, departments) to complete an activity or project, or to propose a solution to a problem.

#### 3.4 Exhibit Ability to Manage One's Own Practice of Pharmacy

*The resident shall apply skill in the management of his/her own practice of pharmacy, to advance his/her own learning, to advance patient care, and to contribute to the goals of the program, department, organization and profession.*

**R1:** The resident shall consistently demonstrate efforts to refine and advance critical thinking, scientific reasoning, problem-solving, decision-making, time management, communication, self-directed learning, and team/interprofessional skills that are the hallmarks of practice leaders and mature professionals.

#### 3.6 Demonstrate Project Management Skills

*The resident shall use effective project management skills to undertake, conduct and successfully complete a project related to pharmacy practice.*

**R1:** The resident shall be involved in project development, data collection, analysis and interpretation.

### OBJECTIVES

At the time of completion of the rotation, residents should be able to perform all the following activities in the following domains:

### 1. MUE Roles & Responsibilities

- Describe the roles and responsibilities of MUE within LMPS, including, but not limited to:
  - Regional and local Pharmacy / Drugs and Therapeutics Committee support
  - Pre-printed Orders creation and management
  - Drug policy / protocol / guideline creation and regulation
  - Evaluation of drug use through retrospective chart review, drug usage reports, etc.

### 2. Formulary Management

- Define formulary management and discuss the components necessary for success.
- Define the clinical problem or the drug for review, do a literature search and evaluate the information, and produce a document that meets with LMPS or BCHA P&T requirements
- Describe the steps necessary for addition/deletion of formulary items.
- Outline possible methods of alerting pharmacy/medical staff of changes to formulary items, therapeutic alternatives, and cost saving strategies

### 3. Drug Data Procurement

- Explain how drug data procurement can support decisions and improve pharmacotherapy in the institution
- Understand the DUE process including prioritizing target drugs, establishing DUE criteria, methods of intervention, implementation of programs, evaluation of patient outcomes & economic outcomes.

## RESIDENT RESPONSIBILITIES

During the rotation, the resident will:

1. Attend all meetings and discussions assigned by the preceptor(s).
2. Carry out all assigned activities and projects. Projects which are not expected to be fully completed during the rotation shall be completed to the degree and timelines assigned by the preceptor(s).
3. Thoroughly prepare, via reading (assigned & self-identified) and discussion for all learning opportunities during the rotation.
4. Regularly review **OBJECTIVES** and prepare to meet them through assigned work, self-study, assigned readings, discussion with preceptor(s), and / or discussion with or presentation to other staff and residents.
5. Document completion of relevant ProcedureLog items according to Program policies & procedures ([http://www.vhpharmsci.com/residency/resources/procedure\\_logs.html](http://www.vhpharmsci.com/residency/resources/procedure_logs.html))
6. Provide documentation and evidence of the above in their ePortfolio, including reflections and documents. (<http://www.vhpharmsci.com/residency/resources/ePortfolio.html>)

## PRECEPTOR RESPONSIBILITIES

1. Design and orient the resident to the overall plan & schedule for the rotation.
2. On Day1, discuss the rotation objectives, co-plan augmentations or modifications to them with the resident, and elicit the resident's on additional objectives for the rotation, and co-plan modifications to the rotation to achieve these if feasible.
3. Provide appropriate introductions throughout the rotation
4. Assign meaningful projects for the resident to complete related to the **OBJECTIVES**.
5. Notify the residency Program Administrator immediately if a need to reschedule the rotation arises.

## EVALUATION

- Resident will complete evaluations of (1) the Preceptor; (2) the Rotation; and complete all ProcedureLog items related to the rotation.

## READINGS

As posted in one45.com.