



*British Columbia Centre for Excellence in HIV/AIDS*

## **Therapeutic Drug Level Monitoring Request at the British Columbia Centre for Excellence in HIV/AIDS (BC-CfE) Laboratory**

### **Principle**

The British Columbia Centre for Excellence in HIV/AIDS (BC-CfE) Laboratory is committed to supporting physicians in delivering personalized HIV medication treatment by offering Therapeutic Drug Monitoring (TDM) of most Antiretrovirals (ARVs). The TDM program operates as Research Study approved by the PHC/UBC Research Ethics Board. The following information will describe the process for healthcare providers to enroll a patient in the study who is not able to visit the John Ruedy Clinic at St. Paul's Hospital.

### **Process for Enrollment**

1. To enroll a patient in the therapeutic drug monitoring (TDM) Research Study, contact Dr. Marianne Harris at [jrcclab@bccfe.ca](mailto:jrcclab@bccfe.ca). Do not include any of the patient's personally identifying information in your email.
2. A physician from the BC-CfE will contact you to discuss the case and the TDM process, then will provide you with the informed consent form and TDM requisition form. If appropriate, the BC-CfE physician will work with you to determine the optimal timing of the TDM sampling, based on the patient's ARV regimen and the time they take their ARV medications.
3. Book an appointment for the patient to have their blood drawn for TDM at the advised time(s)(e.g. trough and follow up sample).
4. Before the blood draw, review the informed consent with the patient and have them sign and date the consent form. The signed the consent form will need to be sent to the lab with the requisition form before the sample can be processed.
5. Note times of medication intake and blood draw(s) on the TDM requisition form, as those times will be used for reporting. Detailed instructions are provided with TDM requisition.

For details about Untimed Drug Level (UDL) monitoring on previously stored viral load samples, visit <http://bccfe.ca/research/laboratory-program/about#therapeutic-drug-monitoringspecialized-research-use-only-assay>

Or see "Laboratory Requisition Form, Untimed Drug Level Pilot Program" at <http://bccfe.ca/research/laboratory-program/laboratory-test-order-forms>