



Photo from the NI: Ellen Anderson

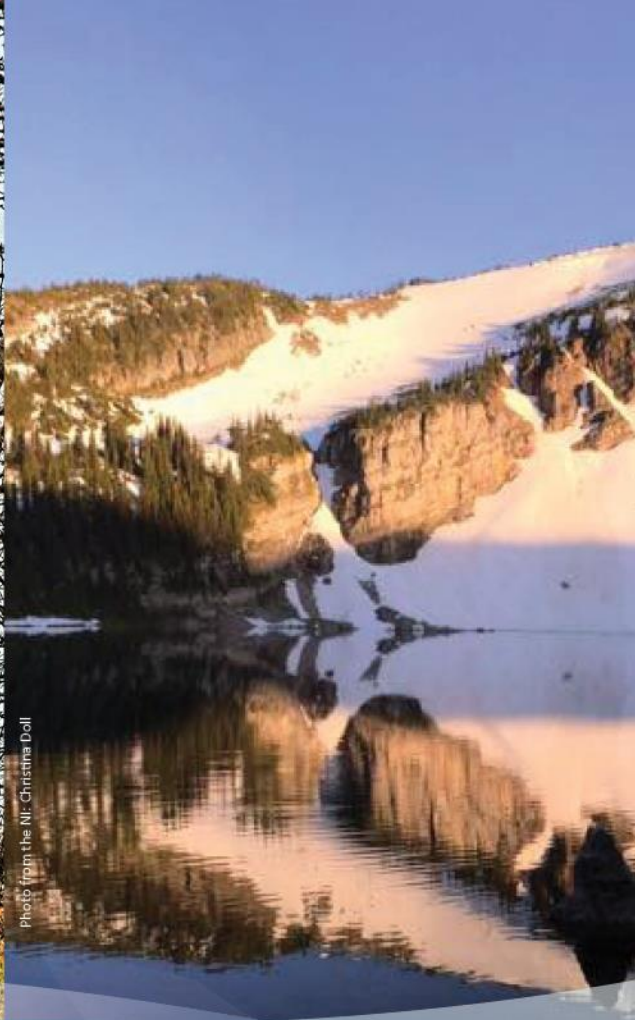


Photo from the NI: Christina Doll



Photo from the NI: Michelle Sterling



# Lifelabs to Cerner Interface

Through Excelleris

# Overview

- The goal of the *Excelleris to Cerner Interface* project is to electronically receive referred out test results from LifeLabs through Excelleris and display them in Cerner PowerChart
- This will reduce risk to patients for delayed or missing referred out tests and is aligned with the Lab Agency's initiative for an integrated network for referral testing

# Current Order Statistics

Test	2017 Volume	2014 Volume
Fecal Immunochemical Test	11377	18409
Clozapine Level	744	911
H pylori Breath Test	710	690
Fungal Culture LifeLabs	482	367
Semen Morphology	324	515
Sex Hormone Binding Globulin	174	122
Androstenedione	154	97
Calprotectin Fecal	14	5
Fat: Stool	9	7

# Current PowerChart Display

**Navigator** ✕

- Therapeutic Drugs
- Fecal Studies
- Semen Analysis
- Endocrinology
- BCCDC
- BCCH
- LifeLabs

[Show more results](#)

<b>Lab View</b>	2018-08-28 15:34 PDT
<b>BCCH</b>	
Androstenedione	* See Comment
<b>LifeLabs</b>	
C Telopeptide	* See Comment
Calprotectin Fecal	* See Comment
Cloz Ds Dt	27Aug2018
Cloz Ds Tm	2300
Clozapine Lvl	* See Comment
Fecal Fat Coll'n Type	24
Fecal Fat Quan	* See Comment
Fecal Immchem Test	* See Comment
H pylori Breath Test	* See Comment
Semen Morphology	* See Comment

# What's New or Changing?

1. Results will be viewable in the appropriate Navigator folder rather than in the Lifelabs folder with a comment

<input checked="" type="checkbox"/> LifeLabs	Fecal Fat Coll'n Type	24
	Fecal Fat Quan	* See Comment



<input checked="" type="checkbox"/> Fecal Studies	Fecal Studies	
	Fecal Calprotectin	* 45
	Fecal Fat Coll'n Type	* 24
	Fecal Fat Colour	* Brown
	Fecal Fat Consistency	* Formed
	Fecal Fat Qn	* 2
	Fecal Fat Weight	* 9

# What's New or Changing?

i.e. List of specific tests affected by change

Flowsheet: Lab View    Level: Lab View

19 Au

Navigator	Lab View	2018-08-22 12:40 PDT
<input checked="" type="checkbox"/> Therapeutic Drugs	<b>Therapeutic Drugs</b>	
<input checked="" type="checkbox"/> Fecal Studies	Clozapine Lvl	* A 6500
<input checked="" type="checkbox"/> Semen Analysis	Norclozapine Lvl	* A 7500
<input checked="" type="checkbox"/> Endocrinology	Cloz Ds Dt	* 21AUG2018
<input checked="" type="checkbox"/> Microbiology Miscellaneous	Cloz Ds Tm	* 2000
<input checked="" type="checkbox"/> Molecular Assays	Cloz Time Post Dose	* 16:40
	<b>Fecal Studies</b>	
	Fecal Calprotectin	* 45
	Fecal Fat Coll'n Type	* 24
	Fecal Fat Colour	* Brown
	Fecal Fat Consistency	* Formed
	Fecal Fat Qn	* 2
	Fecal Fat Weight	* 9
	Occult Bld Immunochemical	* <20
	<b>Semen Analysis</b>	
	Semen Normal Form	* A 2
	Semen Immature Form	* 1
	Semen Leukocyte	* OCC
	Semen Erythrocyte	* A >25
	Path Com Semen Morph	* Path Com Semen Morph
	<b>Endocrinology</b>	
	Androstenedione	A 0.5
	C Teloptide	* A 0.999
	<b>Microbiology Miscellaneous</b>	
	H pylori Breath	* NEG
	<b>Molecular Assays</b>	
	Chlamydia DNA NAAT Ref	* A POSITIVE
	N gonorrhoeae DNA NAAT Ref	* Negative

# What's New or Changing?

2. Abnormal results for tests performed by LifeLabs only have the ability to display abnormal result flags. i.e. Lifelabs does not send us “L (Low), “H” (High) or “C” (Critical) flags.

Lab View	2018-08-22 12:40 PDT
Therapeutic Drugs	
Clozapine Lvl	* A 6500
Norclozapine Lvl	* A 7500
Cloz Ds Dt	* 21AUG2018
Cloz Ds Tm	* 2000
Cloz Time Post Dose	* 16:40

- Abnormal results will continue to post in **red**
- Corrected results will continue to post as (c)
- Comments continue to post as \*

# What's New or Changing?

3. Numerical results from any Reference Lab Interface cannot be trended

- There's no "box" available to check, therefore trending is not available)

e.g. In-house Clozapine Lvl

Lab View	2018-08-28 15:34 PDT
Therapeutic Drugs	
<input type="checkbox"/> Carbamaz Lvl	25

e.g. Lifelabs result

Lab View	2018-08-22
Therapeutic Drugs	
Clozapine Lvl	* A 6500



# What's New or Changing?

4. All tests performed at LifeLabs reference laboratory will display with comment indicator (\*)
- Under *Results Details – Comments* section, the Lifelabs phone # and accession # display after the “Performed by,” comment
  - This will assist providers when they need to contact the reference laboratory
  - It's a mandatory Diagnostic Accreditation Program Standard to display the the performing facility

# What's New or Changing?

- Comment indicator (\*)

Lab View	2018-08-20 : PDT
<b>Therapeutic Drugs</b>	
Clozapine Lvl	* A 35000
Norclozapine Lvl	* A 40000
Cloz Ds Dt	* 19AUG2018
Cloz Ds Tm	* 1800
Cloz Time Post Dose	* 20:38

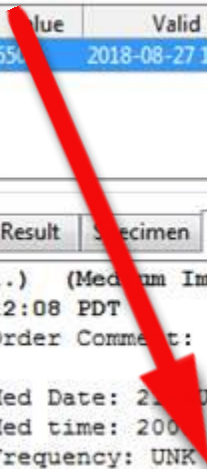
-XCBRITO, PLIS - Clozapine Level

Value	Valid From	Valid Until
65	2018-08-27 12:08 PDT	Current

Result Specimen Comments Action List

1.) (Medium Importance) Result Comment by Contributor\_system, LifeLabs on 27 August 2018  
12:08 PDT  
Order Comment:  
Med Date: 2018-08-2018  
Med time: 2000  
Frequency: UNK

This and the preceding tests were performed at Burnaby Reference Laboratory - 3680 Gilmore Way, Burnaby, BC, V5G 4V8, Phone: 1-800-431-7206, Reference Lab accession 981234010



# What's New or Changing?

5. Reference Ranges for tests performed at LifeLabs reference laboratory will only display after *Normal Low*

- *Normal High* will remain blank
- Appears as a **range** (e.g. < X, > X or X–X)

Result	Specimen	Comments	Action List
<b>Clozapine Lvl</b> (ABN)			
35000 nmol/L			
<b>Normal Low 300-2100</b>		Normal High	
Date/Time	20 August 2018	14:38 PDT	

# FAQ?

1. Will other reference laboratories be added in the future? Yes, NH is working with BCCDC to determine when we can work together for the next reference lab interface.