



OSCAR – OLIS (Ontario Laboratory Information System)

User Training Guide

This guide provides an overview of how laboratory test order and results are searched, retrieved and uploaded from the Ontario Laboratory Information System (OLIS) into the physician's InBox within OSCAR EMR. These electronic reports go directly into OSCAR EMR which is authorized to access OLIS data and registered with eHealth Ontario.

Introduction

This user guide describes how OSCAR retrieves electronic laboratory reports in the OSCAR InBox from the Ontario Laboratory Information System (OLIS). OLIS facilitates the secure, electronic exchange of laboratory test orders and results. This user guide illustrates how users search, upload and retrieve laboratory reports and test histories for particular patients irrespective of who ordered the test.

Accessibility & User Interface

The most responsible Provider (MRP) who is either the family doctor or a nurse practitioner can easily access the OLIS Reports via OSCAR EMR

CPSO # for Doctors, and CNO # for Nurse Practitioners should be set in the provider record to facilitate the provider matching (which influences the inbox)

Health providers should make sure the patients' information is kept up to date...in particular HIN

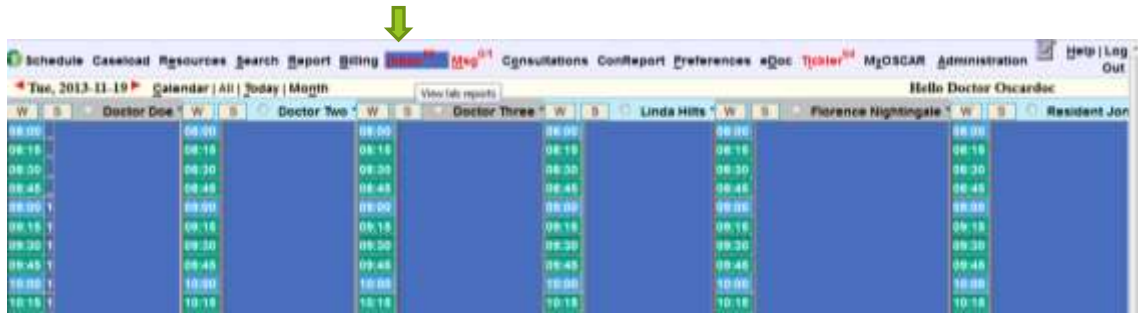
Receive, Upload and Search for Laboratory Report from OLIS in OSCAR EMR

1. To access the Laboratory reports transferred from OLIS into OSCAR, **log in** to OSCAR with your credentials.

OSCAR McMaster
OPEN SOURCE CLINICAL APPLICATION RESOURCE

OSCAR McMaster
For more information, visit www.oscarcanada.org

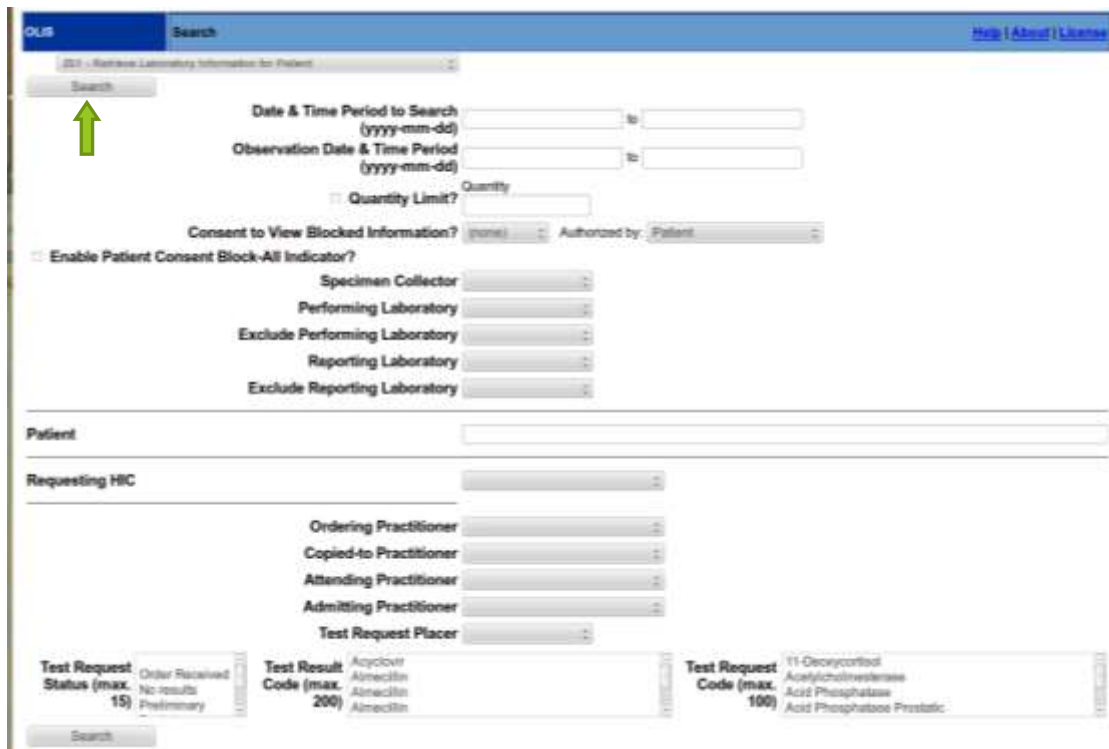
- The **InBox** tab is then selected from the navigation top menu tabs.



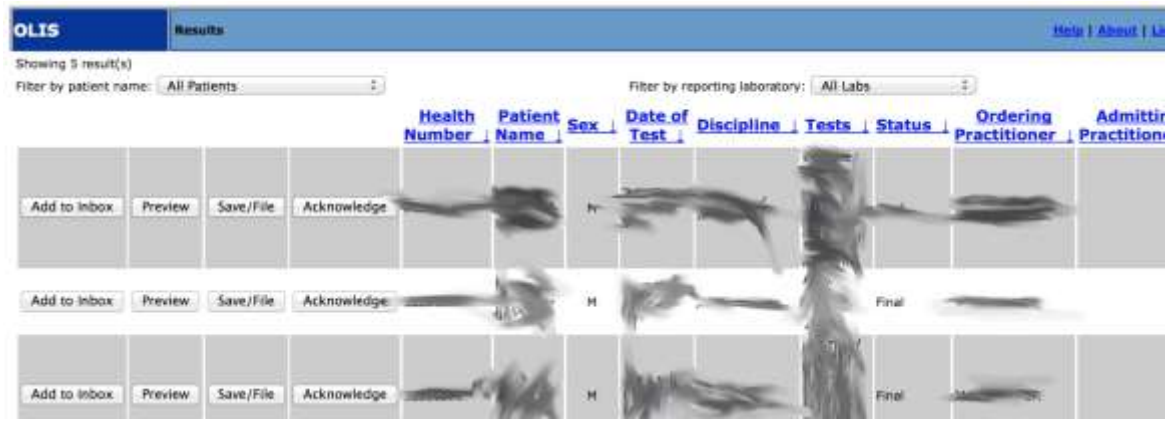
- Select **"OLIS Search"** on the right top menu tab in the InBox screen to **OPEN** the OLIS Search Screen.



- Input the search criteria into the appropriate field and select **"Search"** for a listing of lab results



5. The list of the Lab reports can either be filtered by **Patient name** or **Reporting Laboratory**
 - a. Select **“Add to Inbox”** button for specific patient to add lab report to the physician’s inbox.
 - b. Select **“Preview”** button to VIEW the selected Patient’s lab report
 - c. Select **“Save/File”** button to SAVE the selected Patient’s lab report into the Patient’s record with the status “filed”
 - d. Select **“Acknowledge”** button to ACKNOWLEDGE the lab report for that patient which then adds it to the Patient record with the status “acknowledged”



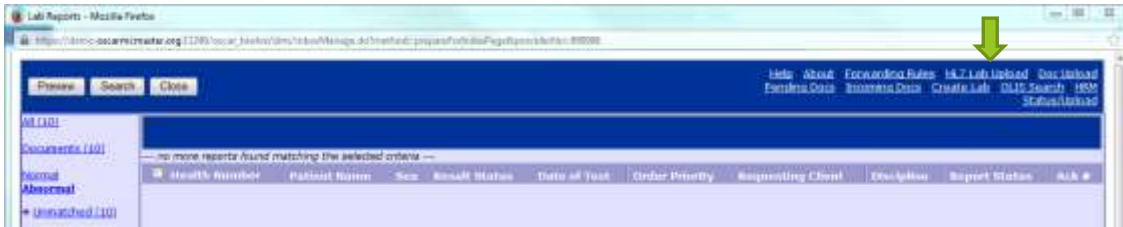
Note: - The patients information’s listed above have been painted to hide data.

OLIS Search button will not perform OLIS Query when the clinic is not configured to OLIS.

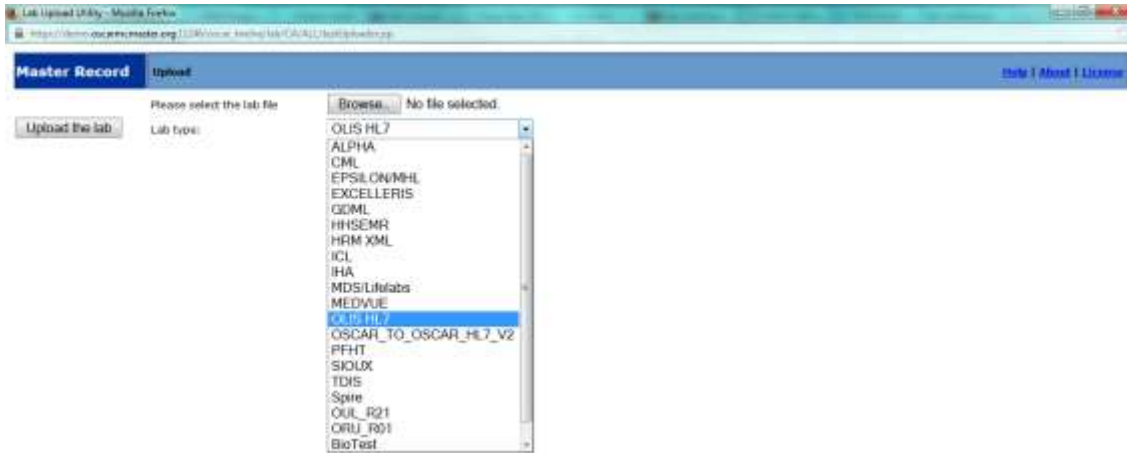


For Clinics with HL7 lab files, an upload of the saved HL7 lab files is possible by selecting the “HL7 Lab Upload” option on the top right of InBox Screen.

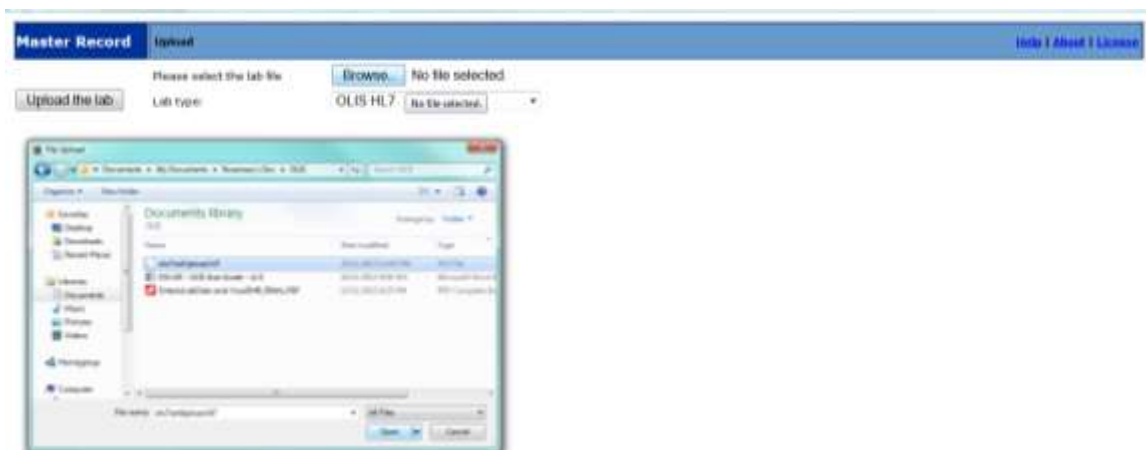
1. Select **“HL7 Lab Upload”** on the right top menu tab in the InBox screen to **OPEN** Master Record – Upload pop-up window.



- a. Click the drop down menu to select the Lab Type e.g. OLIS HL7



- b. Click **“Browse”** to select a lab file for uploading from stored location



- c. Click **“Upload the Lab”** to uploading lab file into the InBox

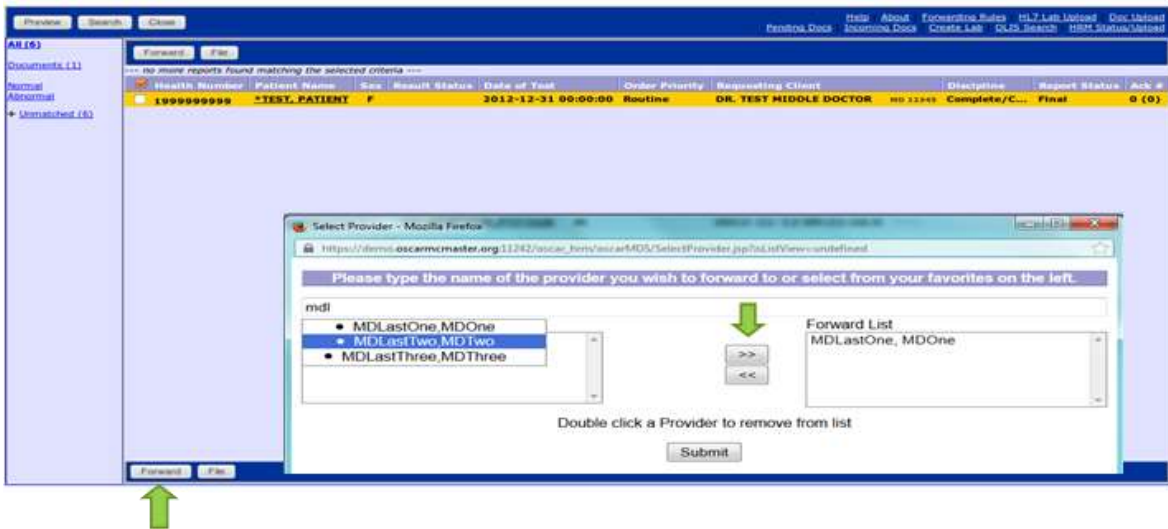


- d. Select **“OK”** on the information pop-up window that saying **“Lab upload successfully”**

Note :- Uploading a previously uploaded lab file would pop-up a message saying its already done



The uploaded lab report then appears on the inbox screen. However, in a situation where there are lots of reports in the user’s inbox, the search button can be used to set a criteria.

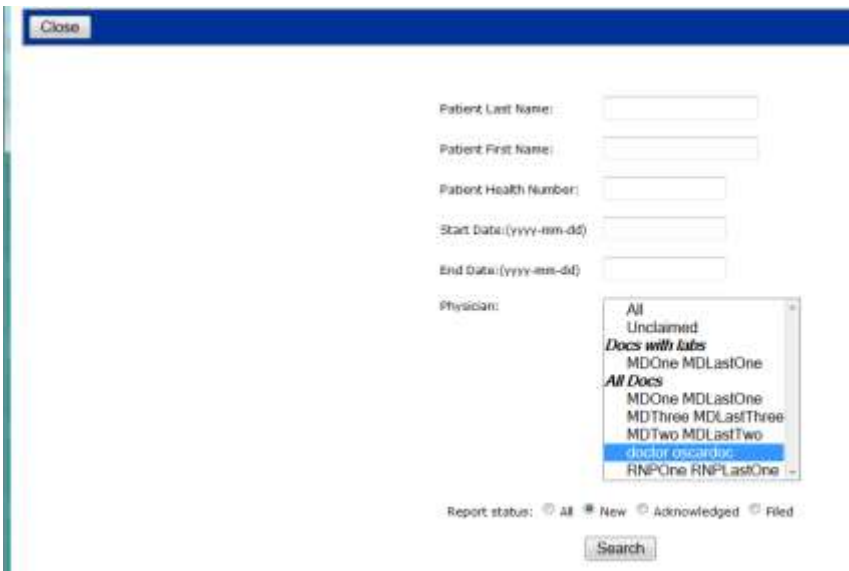


- 2. The Patient’s lab report can also be forwarded to other physicians from the InBox screen.
 - Select **“Forward”** button to FORWARD the hospital report to other physician in the list
 - a. Type the physician name and select from the drop down list of physicians provided
 - b. Select the **“>>”** button to add the selected physician name to the forward list

- c. Select the **“Submit”** button to forward the hospital report to the providers on the list
3. Select **“Search”** option from the top right buttons in the InBox screen to **OPEN** a search window

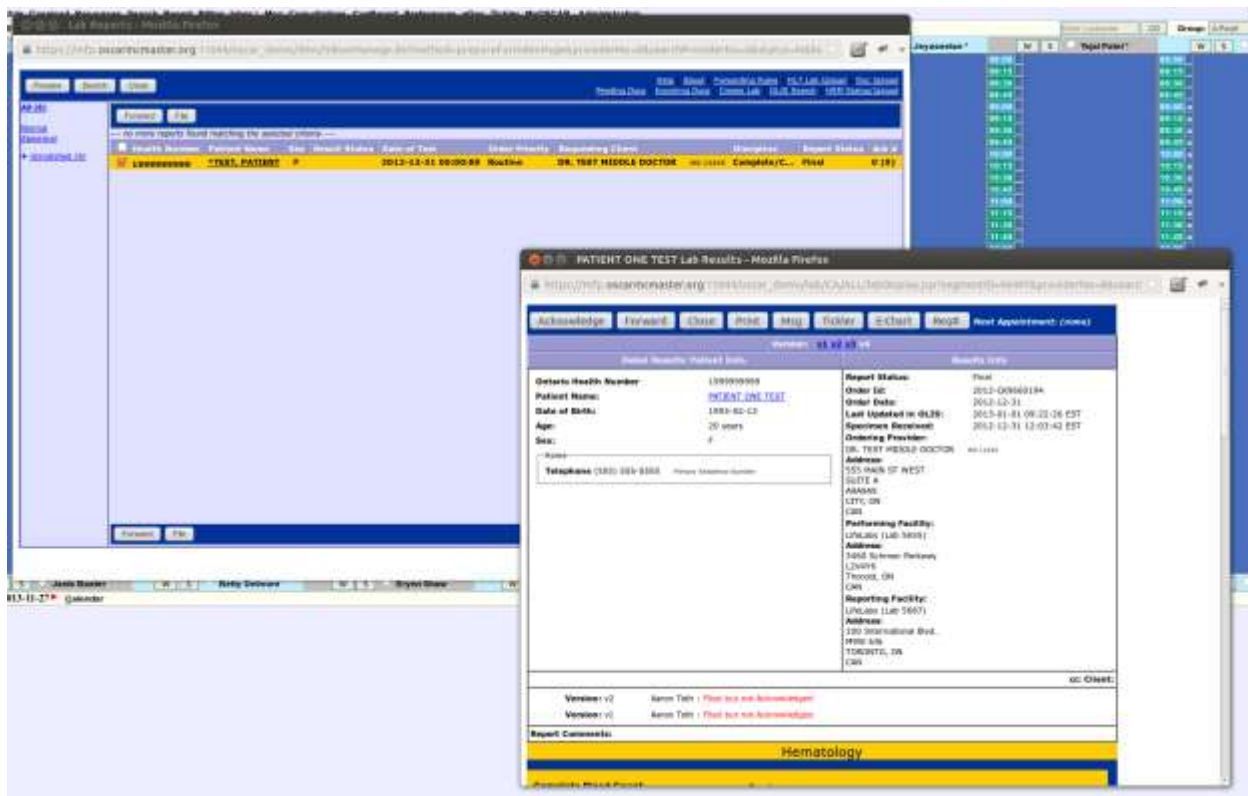


- a. Type Patient’s name or Select the Provider’s name from the list of Physicians provided



- b. Select the **“Search”** button to SEARCH & CLOSE the window and OPEN the list of report for the specified physician within the InBox Screen.
- c. Check appropriate box for the correct patient and select **“Preview”** to **OPEN** lab report

OR double click on the patient's name



This produces a list of patients report for the specified physician. Each patient is automatically matched to the EMR using the following fields

- 1) Patient Last Name;
- 2) Health Card Number;
- 3) Health Card Province;
- 4) Gender;
- 5) Date of Birth; and,
- 6) Patient First Name.

Note: - If an OLIS report does NOT match any provider, it can be found in "unclaimed" section of inbox.

4. Select the **"Acknowledge"** button to acknowledge the lab report and add a comment in the pop-up window and select ok to save and close lab report.

Note: - This will remove the lab report from the provider's inbox into the patient record.

↓

Next Appointment: (none)

Previous: 1 2 3 4

Patient Details Results Data

<p>Ontario Health Number: 198999999</p> <p>Patient Name: URGENT ONE TEXT</p> <p>Date of Birth: 1980-01-11</p> <p>Age: 33 years</p> <p>Sex: F</p> <p>Telephone (555) 555-5555 <small>Primary Telephone Number</small></p>	<p>Report Status: Final</p> <p>Order Id: 2012-00668194</p> <p>Order Date: 2012-12-31</p> <p>Last Updated in OLIS: 2012-01-01 09:22:26 EST</p> <p>Specimen Received: 2012-12-31 12:03:02 EST</p> <p>Ordering Provider: DR. TEST MIDDLE DOCTOR MD (LAB)</p> <p>Address: 555 MAIN ST WEST SUITE A ABERDEEN CITY, ON CAN</p> <p>Performing Facility: LifeLabs (Lab 3655) Address: 2400 Schuman Parkway L2M4Y6 Thornhill, ON CAN</p> <p>Reporting Facility: LifeLabs (Lab 3687) Address: 100 International Blvd. M9W 6J6 TORONTO, ON CAN</p>
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cc: Client:

Version: v2 Aaron Taha - [Final but not Acknowledged](#)

Version: v1 Aaron Taha - [Final but not Acknowledged](#)

Report Comments:

Hematology

Complete Blood Count Specimen Source: WHOLE BLOOD

Request: Final results; results stored and verified. Can only be changed with a corrected result.

Status:

Collection Date/Time: 2012-12-31 08:00:00 PST **Specimen Collected By:** LHLabs (302, 2614)

Test (System v1)	Result	SIU	Reference Range	Units	Status
Hemoglobin, Blood	141		130 - 160	g/L	Final
Hematocrit, Blood	0.42		0.35 - 0.45	L/L	Final
Leukocytes, Blood	7.8		4.0 - 11.0	x 10 ⁹ /L	Final
Erythrocytes, Blood	4.44		4.00 - 5.10	x 10 ¹² /L	Final
Mean Corpuscular Volume, RBC	93.3		86.0 - 100.0	fL	Final
Mean Corpuscular Hemoglobin	32.1		27.3 - 33.0	pg	Final
Mean Corpuscular Hemoglobin Concentration, RBC	348		303 - 360	g/L	Final
Erythrocyte Distribution Width, RBC	13.3		11.3 - 14.5	%	Final
Platelets, Blood	219		150-400	x 10 ⁹ /L	Final
Neutrophils, Blood	4.7		2.0 - 7.5	x 10 ⁹ /L	Final
Lymphocytes, Blood	2.4		1.0 - 3.0	x 10 ⁹ /L	Final
Monocytes, Blood	0.8		0.2 - 1.0	x 10 ⁹ /L	Final
Eosinophils, Blood	0.2		0.0 - 0.5	x 10 ⁹ /L	Final
Basophils, Blood	0.1		0.0 - 0.2	x 10 ⁹ /L	Final

Chemistry

Please enter a comment (max. 255 characters)

acknowledgement comment

5. Select the “**Forward**” button to forward the laboratory report to other recipients

Chemistry						
Choriongonadotropin Screen		Specimen Source:	URINE			
		Request Status:	Final results; results stored and verified. Can only be changed with a corrected result.			
Collection Date/Time			Specimen Collected By			
2012-12-31 00:00:00 EST			LifeLabs (SCC 3814)			
Test Name(s)	Result	Abn	Reference Range	Units	Status	
<u>Choriongonadotropin; Urine</u>	NEGATIVE				Final	
No hCG detected at a level of 25 IU/L by a screening assay for the beta sub-unit of hCG LifeLabs (Lab 5655)						
Ferritin		Specimen Source:	SERUM			
		Request Status:	Final results; results stored and verified. Can only be changed with a corrected result.			
Collection Date/Time			Specimen Collected By			
2012-12-31 00:00:00 EST			LifeLabs (SCC 3814)			
Performing Facility:		Address:				
LifeLabs (Lab 5687)		100 International Blvd. M9W6J6 Etobicoke, ON CAN				
Test Name(s)	Result	Abn	Reference Range	Units	Status	
<u>Ferritin</u>	65		10 - 291	ug/L	Final	
Prolactin						
		Specimen Source:	SERUM			
		Request Status:	Final results; results stored and verified. Can only be changed with a corrected result.			
Collection Date/Time			Specimen Collected By			
2012-12-31 00:00:00 EST			LifeLabs (SCC 3814)			
Performing Facility:		Address:				
LifeLabs (Lab 5687)		100 International Blvd. M9W6J6 Etobicoke, ON CAN				
Test Name(s)	Result	Abn	Reference Range	Units	Status	
<u>Prolactin</u>	6			ug/L	Final	
Females Non-pregnant 4 - 24 Post menopausal 2 - 20 LifeLabs (Lab 5687)						
Thyrotropin		Specimen Source:	SERUM			
		Request Status:	Final results; results stored and verified. Can only be changed with a corrected result.			
Collection Date/Time			Specimen Collected By			
2012-12-31 00:00:00 EST			LifeLabs (SCC 3814)			
Performing Facility:		Address:				
LifeLabs (Lab 5687)		100 International Blvd. M9W6J6 Etobicoke, ON CAN				
Test Name(s)	Result	Abn	Reference Range	Units	Status	
<u>Thyroid Stimulating Hormone [TSH]</u>	2.65		0.35 - 5.00	mIU/L	Final	
<input type="button" value="Acknowledge"/> <input type="button" value="Forward"/> <input type="button" value="Close"/> <input type="button" value="Print"/>						
<input type="button" value="E-Chart"/> END OF REPORT						

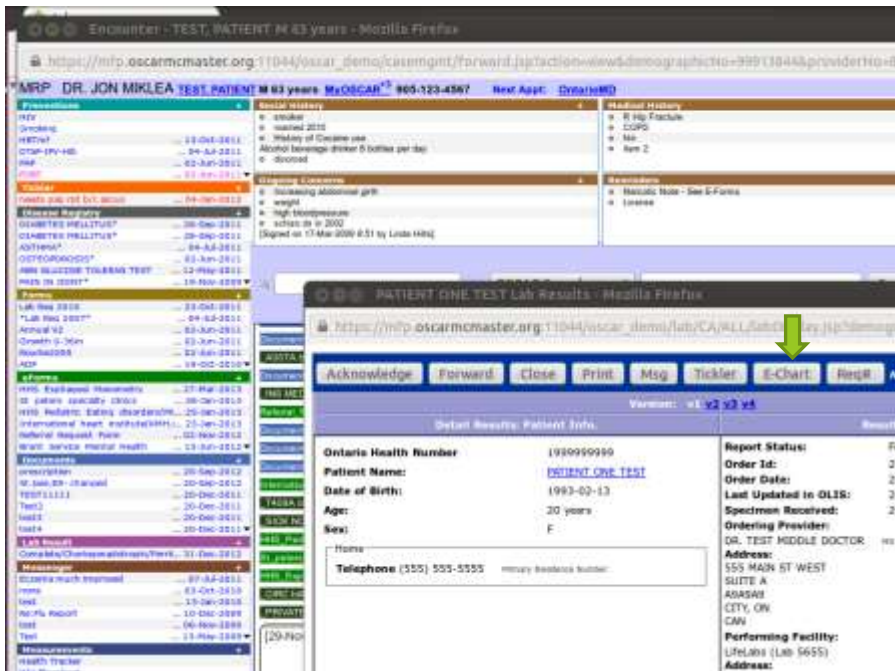
6. Select the **"Msg"** button to create a message with patient demographic attached

The screenshot shows a medical software interface with a top navigation bar containing buttons: Acknowledge, Forward, Close, Print, **Msg**, Tickler, E-Chart, and Report. A green arrow points to the 'Msg' button. The main window displays patient information for 'MURRAY, ONE TEST' and a Hematology report. A secondary window titled 'createMessage - Mozilla Firefox' is open, showing a 'Message' form with a 'Recipients' list and a 'Message' text area. The patient's demographic information is visible in the background window.

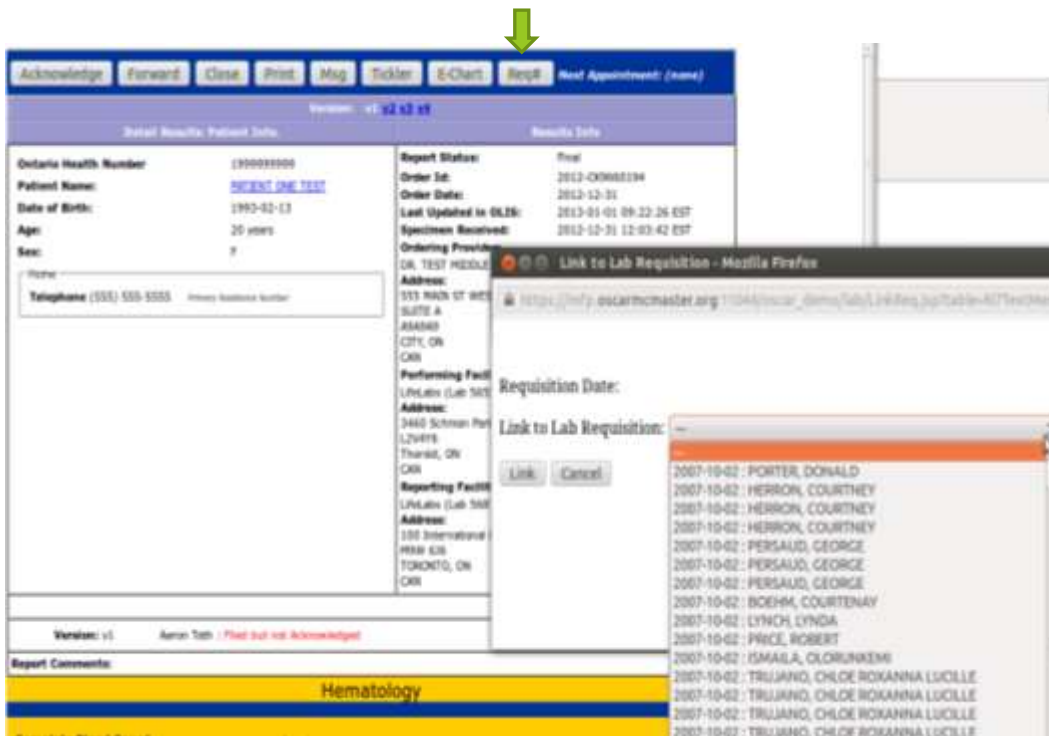
7. Select the **"Tickler"** button to create reminder message on selected Patient

The screenshot shows a medical software interface with a top navigation bar containing buttons: Acknowledge, Forward, Close, Print, Msg, **Tickler**, E-Chart, and Report. A green arrow points to the 'Tickler' button. The main window displays patient information for 'MURRAY, ONE TEST' and a Hematology report. A secondary window titled 'Tickler - Mozilla Firefox' is open, showing a 'Tickler' form with fields for 'Demographic Name', 'Chart No.', 'Service Date', 'Priority', 'Task Assigned to', and 'Reminder Message'. The patient's demographic information is visible in the background window.

- Select the **"E-Chart"** button to open Patient's encounter screen form where lab reports mapped to the selected patient can also be accessed



- Select the **"Req#"** button to link the lab report to a Lab requisition



Note: - OLIS users are authenticated each time they access the system