

HIS LABORATORY MODULE USER MANUAL

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TO CREATE LABORATORY REQUEST

1. In left menu, Click '**Laboratory**', then '**New Test Request**'

The screenshot shows the 'Laboratories' menu on the left with 'Laboratories' highlighted. The main window displays the 'Laboratory Test Requests' table with the following rows:

Laboratory Test Requests	
New Test Request	Fill out request for laboratory service
List of Service Requests	View, edit and delete laboratory service requests
Requests With or W/out Sample	View, edit and delete laboratory service requests with or without sample
List of Undone Requests	List of requests to be done
List of Done Requests	List of requests that have results
List of Laboratory Results	List of requests that have results (Manually Encoded requests through LIS are included)

2. Click '**Patient**' icon to search patient, and '**Clear**' button to select another one
3. Choose Transaction Type; Cash transactions needs to be paid before the service, Charge will automatically goes to billing after service.
4. Request date was set as current server time stamp as default
5. Choose Priority
6. Click '**Add Item**' button to select items and add to tray

The screenshot shows the 'Request Details' form with the following fields and annotations:

- Transaction type:** ☒ Cash ☐ Charge (Annotated with '3' and a green arrow pointing to the 'Charge' option).
- HRN:** 2520110
- Name:** Dela Cruz, Juan O. (Annotated with '2' and a green arrow pointing to the 'Clear' button next to the name field).
- Address:** BAGO GALLERA, DAVAO CITY 8000 DAVAO DEL SUR
- From RDU?:** ☐ **Walkin?:** ☐ **PE?:** ☐
- Is ER Patient?:** ☐
- Patient Type:** INPATIENT (ER) **Sex:** Female
- Birth Date:** 1970-09-15 **Age:** 44 years
- Location/Clinic:** FAMMED-MEDICINE (SERVICE WARD) **Room #:** 1020
- Medico Legal:** NO
- Diagnosis:**
- Adm. Date:** 07/10/2015 10:00 PM **Disc. Date:**
- Repeat Request:** ☐
- PHIO:** None
- Cate:** EMPLOYED-PRIVATE
- With:** ☐
- Pay:**
- Request Date:** July 12, 2015 10:08pm (Annotated with '4' and a green arrow pointing to the date field).
- Classification:** None
- Senior citizen:** ☐
- Priority:** ☒ Routine ☐ STAT (Annotated with '5' and a green arrow pointing to the 'Routine' option).
- Comments:**
- Add Items:** (Annotated with '6' and a green arrow pointing to the 'Add Items' button).
- Empty list:** (Annotated with '6' and a green arrow pointing to the 'Empty list' button).
- Request History:**
- Submit:** (Annotated with '6' and a green arrow pointing to the 'Submit' button).
- Close:**

The bottom section shows a table with the following columns: Cnt, Code, Service Description, for Monitor, Every Hr, W/ Sample, Original Price, Net Price. The table is currently empty.

Cnt	Code	Service Description	for Monitor	Every Hr	W/ Sample	Original Price	Net Price
Request list is currently empty...							

The bottom right corner shows the following summary:

Sub-Total	0.00
Discount	-0.00
Net Total	0.00

7. Default **Requesting Dept and Doctor** is set from encounter details
8. Default **Clinical impression** is from encounter details, if blank, kindly input on the text area provided
9. Filter by section is not necessary anymore
10. Enter item code and click '**Search**' button or hit enter key to search
11. Click the '>' icon to add the test to item tray
12. The system will automatically calculate the amount to be paid / charge
13. Click close icon to set the display back to the main frame

The screenshot shows a medical request form with a pop-up window titled "Add laboratory service item from request tray". The pop-up window contains the following fields and controls:

- Request Details:**
 - Requesting Dept: Family Medicine
 - Requesting Doctor: Abarico, Liberation M., MD
 - Clinical Impression: sample only
- Laboratory Service Section:** All Laboratory Service Section
- Search Laboratory Test:** urina
- Search Button:** A button labeled "Search" with a magnifying glass icon.
- Search Results Table:**

Name/Description	Code (Group Code)	Cash	Charge	
Urinalysis - ROUTINE	URINE	80.00	81.00	>
- Close Icon:** A small 'X' icon in the top right corner of the pop-up window.

At the bottom of the main form, there is a table with the following data:

Cnt	Code	Description	Net Price
1	URINE	Urinalysis - ROUTINE	81.00

Below the table, there is a summary section:

Sub-Total	81.00
Discount	-0.00
Net Total	81.00

14. Click '**Empty List**' button to clear all items from the tray
15. Click '**Request History**' button to view the items requested to that certain patient
16. Click '**Submit**' button to save the request; The system will prompt a confirmation to process the request.
17. Click '**OK**' to confirm else click '**Cancel**'.

Request Details

Transaction type: ☐ Cash ☒ Charge PERSONAL

HRN 2520110

Name: Dela Cruz, Juan O. Clear

Address: BAGO GALLERA, DAVAO CITY
8000 DAVAO DEL SUR

From RDU? : ☐ Walkin? : ☐ PE? : ☐

Is ER Patient?: ☐

Patient Type : INPATIENT (ER) Sex : Female

Birth Date : 1970-09-15 Age : 44 years

Location/Clinic : FAMMED-MEDICINE (SERVICE WARD) Room :

Medico Legal : NO

Diagnosis :

Adm. Date : 07/10/2015 10:00 PM Disc. Date :

Repeat Request : ☐

PHIC no : None

Category : EMPLOYED-PRIVATE

With Manual Payment : ☐

Batch No. :

Request Date : July 12, 2015 10:08pm

Discounts

Classification: None

Senior citizen : ☐

Request Options

Priority : ☒ Routine ☐ STAT

Comments

14

15

17

16

OK Cancel

Process this request?

Add items Empty list Request History Coverages

Cnt	Code	Service Description	for Monitor	Every Hr	W/ Sample	Original Price	Net Price
1	URINE	Urinalysis - ROUTINE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	81.00	81.00

Sub-Total 81.00

Discount -0.00

Net Total 81.00

Submit Close

18. The system will display an information saying 'Laboratory Request Service successfully created.' once the system successfully process the request, else will prompt an error message.

Information

Laboratory Request Service successfully created.

Request Details

Transaction type: ☐ Cash ☒ Charge PERSONAL

HRN 2520110

Name: DELA CRUZ, JUAN O. Clear

Address: BAGO GALLERA, DAVAO CITY
8000 DAVAO DEL SUR

From RDU? : ☐ Walkin? : ☐ PE? : ☐

Is ER Patient?: ☐

Patient Type : INPATIENT (ER) Sex : Female

Birth Date : 1970-09-15 Age : 44 years

Location/Clinic : FAMMED-MEDICINE (SERVICE WARD) Room :

Medico Legal : NO

Diagnosis :

Adm. Date : 07/10/2015 10:00 PM Disc. Date :

Repeat Request : ☐

PHIC no : None

Category : EMPLOYED-PRIVATE

With Manual Payment : ☐

Batch No. : 2015001043

Request Date : July 12, 2015 10:08pm

Discounts

Classification: None

Senior citizen : ☐

Request Options

Priority : ☒ Routine ☐ STAT


Comments

TO VIEW LIST OF SERVICE REQUEST

1. Under Laboratory Test Requests section, Click '**List of Service Requests**'
2. Enter search keys and click on **Search** icon to search patient with service request or hit enter key to search
3. Click '**Details**' icon to view
4. Click '**Delete**' icon to cancel the whole batch of request



Laboratories :: List of Service Requests

Enter the search key (HRN, Case No., Batch No., Family Name or Request Date).
Enter dates in **MM/DD/YYYY** format. Enter asterisk (*) to show all data.

de la,juan 

[Tips & tricks](#)

The search found **1** relevant data. Showing 1 to

Batch No.	Name	Hospital No.	Age	Sex	Type	Location	Request Date	Priority	OR No.	Repeat	Details	Delete
2015001043	Dela Cruz, Juan Ocampo	2520110	44	♀	INPx (ER)	C-FAMMED-MED Rm #: 1020	Jul 12, 2015 10:08 PM	Normal	CH			

Navigation: All Walk-in OPD PHS-OPD ER IPD IC

Buttons: First Previous Next

TO TAG ITEM WITH SAMPLE

1. Under Laboratory Test Requests section, Click **'Requests With or W/out Sample'**
2. Click tab **'Without Samples'**
3. Enter search keys and click on **Search** icon to search patient with service request or hit enter key to search
4. Click **'Details'** icon to view

Laboratories :: List of Service Requests (Samples)

Enter the search key (HRN, Case No., Batch No., Family Name or Request Date).
Enter dates in MM/DD/YYYY format. Enter asterisk (*) to show all data.

de la,juan Search

[Tips & tricks](#)

The search found 1 relevant data. Showing 1 to 1

2 ↓

3 ↑

4 ↓

All With Samples Without Samples

Batch No.	Name	Hospital No.	Age	Sex	Type	Location	Request Date	Priority	OR No.	Repeat	Details	Delete
2015001043	Dela Cruz, Juan Ocampo	2520110	44	♀	INPx (ER)	C-FAMMED-MED Rm #: 1020	Jul 12, 2015 10:08 PM	Normal	Charge	NO	Details	Delete

5. Mark checkbox for **'is ER Patient'** if patient is admitted yet still currently in ER complex, else leave as unmarked. This is for the HIS to pass request to LIS ER worksheet.
6. Mark checkbox for **'W/Sample'**
7. Click **'Submit'** button to process transaction

Laboratory Request

From RDU? : ☐ Walkin? : ☐ PE? : ☐

Is ER Patient?: ☒ ← 5

Patient Type : INPATIENT (ER) Sex : Female

Birth Date : 1970-09-15 Age : 44 years

Location/Clinic : FAMMED-MEDICINE (SERVICE WARD)

Medico Legal : NO

Diagnosis :

Adm. Date : 07/10/2015 10:00 PM Disc. : Date

Repeat Request : ☐

PHIC no : None

Category : EMPLOYED-PRIVATE

With Manual Payment : ☐

Request History Coverages

6 ↓

Cnt : 1	Code	Service Description	for Monitor	Every Hr	W/ Sample	Original Price	Net Price
×	URINE	Urinalysis - ROUTINE	<input type="checkbox"/>		<input checked="" type="checkbox"/>	81.00	

7 ↓

TO VIEW LABORATORY RESULTS



1. Under Laboratory Test Requests section, Click '**List of Laboratory Results**'
2. Enter search keys and click on **Search** icon to search patient with service request or hit enter key to search patient records with lab results
3. Click '**PDF**' icon to view printable result, or Click '**View**' icon to view html read-only result

Laboratory Results

New List W Samples Undone Done Results Reports Close

Patient's Name (Lastname, Firstname) or HRN : 2520110 **Search**

First Prev Showing 1-1 of 1 items Next Last Refresh

Batch No.	Patient's Name	HRN	Age	Sex	Patient Type	Location	Service(s) requested	Result Receiver	Result
2015001043	Dela Cruz, Juan, Jr O.	2520110	44 years	F	INPx (ER)	C-FAMMED-MED Rm #: 1020	Urinalysis - ROUTINE	Jul-12-2015 11:15pm	 

PDF sample result

doc-229.pdf - Adobe Reader

File Edit View Window Help

Open 1 / 1 89.4% Tools Fill & Sign Comment

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Republic of the Philippines
DEPARTMENT OF HEALTH
SOUTHERN PHILIPPINES MEDICAL CENTER
J.P. Laurel Bajada, Davao City

Name: Dela Cruz, Juan, Jr Ocampo Lab no: 11357415
PID: 2520110 Location: FAMMED-MEDICINE (SERVICE WARD)
Age: 14 years old Sex: Female Physician: LIBERATION M. ABARICO
Date Received: 02-23-2015, 04:57 PM Date Reported: 02-23-2015, 06:25 PM Date Released: 07-12-2015 11:15 PM

TEST	RESULT	REFERENCE RANGE
CLINICAL MICROSCOPY		
Urinalysis - ROUTINE		
PHYSICAL		
Appearance	SLIGHTLY CLOUDY	
Color	YELLOW	
CHEMICAL		
Protein	1+	
pH	6.0	
Specific Gravity	1.020	
Glucose	TRACE	
URINE FLOWCYTOMETRY		
RBC	H 48 /uL	0 - 11 /uL
WBC	H 99 /uL	0 - 17 /uL
Epithelial Cells	H 138 /uL	0 - 17 /uL
*SQUAMOUS EPITHELIAL CELLS		
Cast	H 51 /uL	0 - 1 /uL
Bacteria	39 /uL	0 - 278 /uL
***CONVERSION FACTOR: uL TO HPF (X0.18) , uL TO LPF (X2.9)		
CRYSTALS		
OTHERS		
JEA PAULA Q. NG, RMT Medical Technologist		SGD OSCAR P. GRAGEDA, MD, FPSP, APCP Pathologist
*** This is electronically generated report. No signature is required. ***		
SPMC-P LAB - CM - 001		Page 1 of 1

HTML Read-only Sample Result

Laboratory Result			
Republic of the Philippines DEPARTMENT OF HEALTH SOUTHERN PHILIPPINES MEDICAL CENTER J.P. Laurel Bajada, Davao City			
Name	:Dela Cruz, Juan, Jr Ocampo	Lab no	:11357415
Pid	:2520110	Location	:FAMMED-MEDICINE (SERVICE WARD)
Age	:14 years old	Sex : Female	Physician :LIBERATION M. ABARICO
Date received	:02-23-2015, 04:57 PM	Date reported	:02-23-2015, 06:25 PM
		Date released	:07-12-2015 11:15 PM
TEST		RESULT	REFERENCE RANGE
CLINICAL MICROSCOPY			
Urinalysis - ROUTINE			
PHYSICAL			
Appearance	SLIGHTLY CLOUDY		
Color	YELLOW		
CHEMICAL			
Protein	1+		

TO ADD LABORATORY SERVICES

1. Under Laboratory Service Management section, Click '**Laboratory Services**'
2. Click '**Add New**' button to create new services

Laboratory Section

Enter the search key

Services	IPD Code	OPD Code	ER Code	IC Code	Code #	sh	Charge	Discountable	Available	In ER	In LIS	Edit	Delete
Urinalysis - ROUTINE	URINE	OURI	EURI		111		80.00	81.00	Yes	Yes	Yes		

3. Blank form will be provided.
4. Click '**Save**' button to submit data, else click '**Cancel**'

Add laboratory service

Is it a SERIAL Test? ☐

Is it included in the limited service for ER? ☐

Is it applicable for female? ☐

Is it applicable for male? ☐

With result? ☐

With inventory related? ☐

Is it included in existing LIS? ☐

Available in PHS free of charge? ☐

Is Socialized? ☐


Remarks



TO EDIT LABORATORY SERVICES

1. Select laboratory Section to filter results
2. Enter search key (code or item name) and click 'Search' button or hit enter key to search
3. Click 'Edit' icon to view service details

Laboratory Section CLINICAL MICROSCOPY

Enter the search key urina Search




Services	IPD Code	OPD Code	ER Code	IC Code	Code #	Cash	Charge	Discountable	Available	In ER	In LIS	Edit	Delete
Urinalysis - ROUTINE	URINE	OURI	EURI		111	80.00	81.00	Yes	Yes	Yes	Yes		

2

3

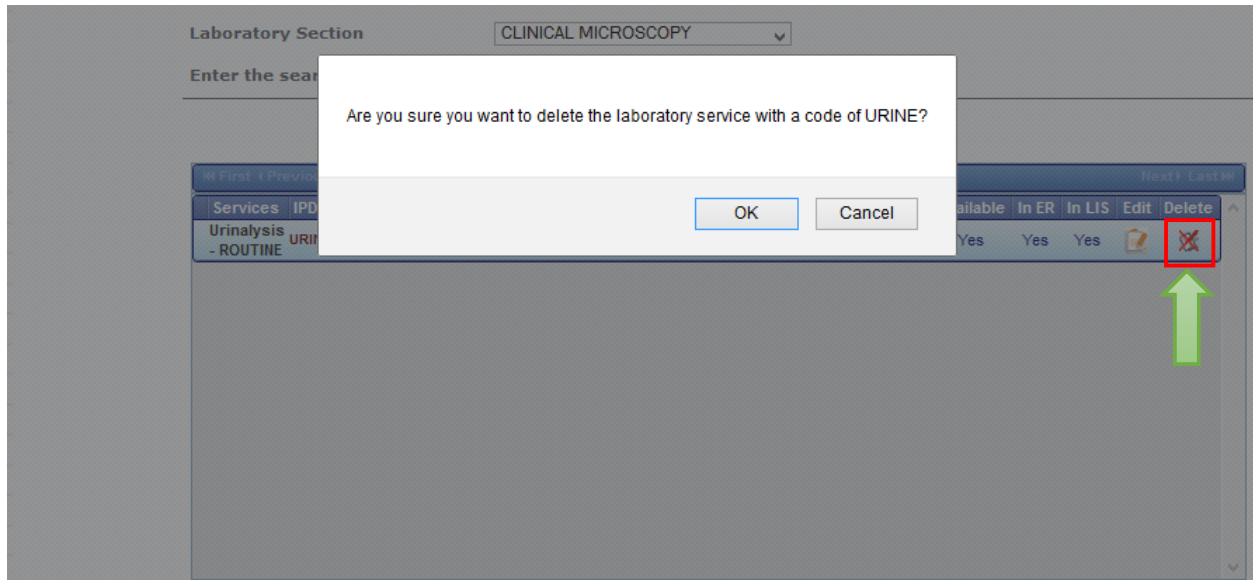
4. Click 'Update' button to submit changes, else click 'Cancel'

Edit laboratory service

With result?	<input checked="" type="checkbox"/>
With inventory related?	<input type="checkbox"/>
Is it included in existing LIS?	<input checked="" type="checkbox"/>
Available in PHS free of charge?	<input type="checkbox"/>
Is Socialized?	<input checked="" type="checkbox"/>
Discount Classification	<div style="display: flex; align-items: center;"> <div style="border: 1px solid #ccc; padding: 2px;">Select Discount Classification</div> <div style="margin-left: 5px;">Add Discount</div> </div>
Discounted Price	<div style="border: 1px solid #ccc; height: 20px;"></div>
<div style="display: flex; justify-content: space-around; border: 1px solid #ccc; margin: 0 auto; width: 80%;"> <div style="border: 1px solid #ccc; padding: 5px;">Discount Classification</div> <div style="border: 1px solid #ccc; padding: 5px;">Discounted Price</div> </div> <div style="border: 1px solid #ccc; padding: 5px; margin: 5px auto; width: 80%;">No such laboratory service's discounts available...</div>	
Remark	<div style="border: 1px solid #ccc; height: 40px;"></div>
<div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid red; padding: 5px;"> Update</div> <div style="border: 1px solid red; padding: 5px;">X Cancel</div> </div>	

TO DELETE LABORATORY SERVICES

1. Click '**Delete**' icon
2. A confirmation message will appear, Click '**OK**' button to proceed' else click '**Cancel**'



TO ADD LABORATORY SECTION

1. Under Laboratory Service Management, Click '**Laboratory Section**'
2. Click '**Add New**' button to create new section

Enter search keyword: e.g. Section Name, all data (just type: * or space)



First < Previous Showing 1-10 out of 10 record(s) Next > Last				
Section Name	Section Code	Other Name	Edit	Delete
BLOOD BANK	B	BLOOD BANK		
CARDIO PULMONARY SERVICES	SPC	CARDIO PULMONARY		
CLINICAL CHEMISTRY	C	CHEM		
CLINICAL MICROSCOPY	U	MICROSCOPY		
DRUG TEST	DT	DRUG TEST		
HEMATOLOGY	H	HEMA		
HISTOPATHOLOGY	HP	HISTOPATH		
MICROBIOLOGY	MB	MICROBIO		
SEROLOGY AND IMMUNOLOGY	I	IMMUNO		
SPECIAL LABORATORY	SPL	SPECIAL LAB		

3. Blank form will be provided.
4. Click '**Save**' button to submit data, else click '**Cancel**'

Enter search keyword: e.g. Section Name, all data (just type: * or space)

Add laboratory service section

Code

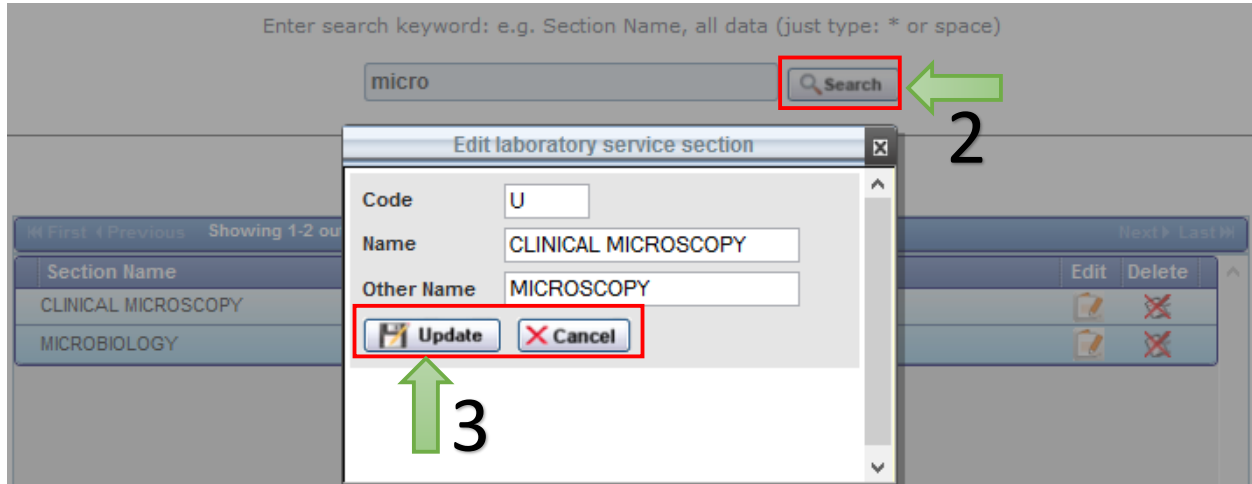
Name

Other Name

Save Cancel

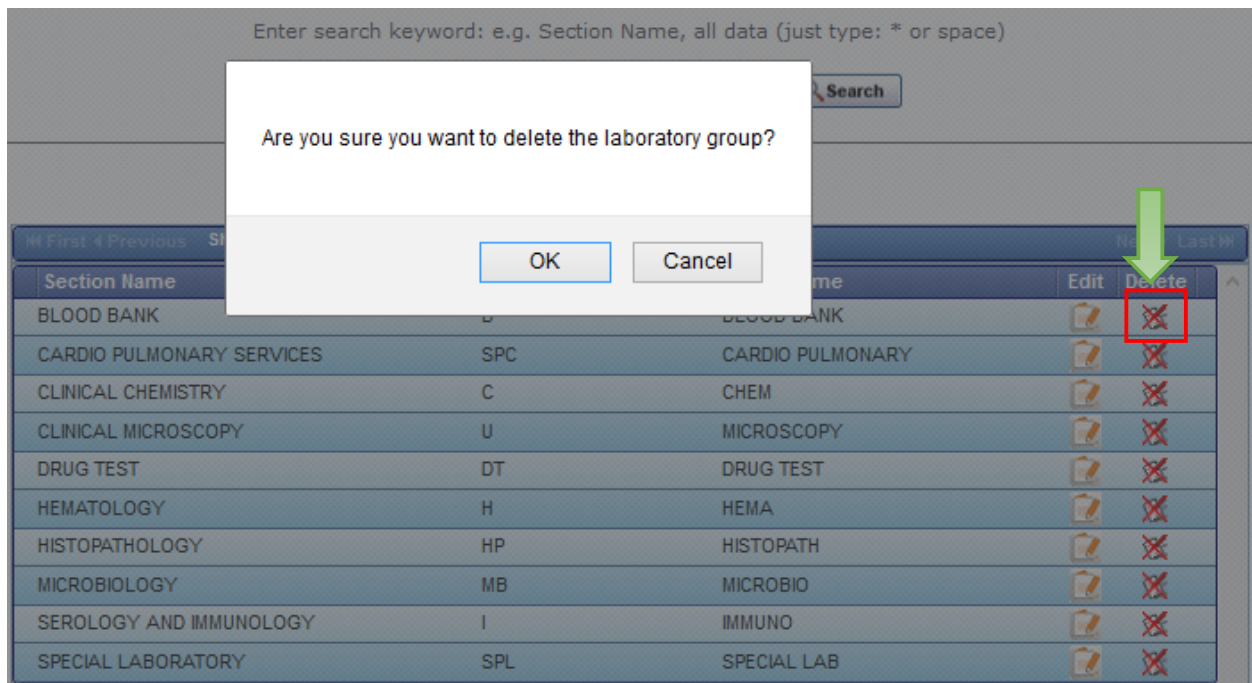
TO EDIT LABORATORY SECTION

1. Enter search key and click '**Search**' button or hit enter key to search
2. Click '**Edit**' icon to view details
3. Click '**Update**' to submit changes, else click '**Cancel**'



TO DELETE LABORATORY SECTION

1. Click 'Delete' icon
2. A confirmation message will appear, Click '**OK**' to proceed, else click '**Cancel**'




TO GENERATE REPORTS

1. Under Laboratory Service Management section, click '**Laboratory Reports**'
2. Select Reports and Parameters/Filters will automatically load based on reports
3. Click button to generate reports

Laboratories :: Reports Generator

New List W Samples Undone Done Results Reports Close

Select Report Mode: **Status Report**  **2**

Per Transaction No. ☐

Select Report: - All Laboratory Requests -

Select Patient Type: -All Patient Type -


Laboratory Section: -All-

From: 2015-07-01 (YYYY-MM-DD)

To: 2015-07-13 (YYYY-MM-DD)

Shift Schedule FROM 01 : 00 AM TO 11 : 00 PM

Classification: -All- **3**

Show Report **Show Summary Report** 

Sample Reports

doc-239.pdf - Adobe Reader

File Edit View Window Help

Open


1 / 1

81.7%

Tools

Fill & Sign

Comment



Republic of the Philippines
DEPARTMENT OF HEALTH
SOUTHERN PHILIPPINES MEDICAL CENTER
J.P. Laurel Bypass, Davao City
DEPARTMENT OF PATHOLOGY AND CLINICAL LABORATORIES
LABORATORY STATUS REPORT
ALL LABORATORY REQUESTS

Prepared By : SEGWORX PERSONNEL
Laboratory Section : ALL SECTION
Classification : ALL CLASS
Patient Type : ALL PATIENT TYPE
Start Date : July 01, 2015
End Date : July 13, 2015
Number of Records : 1
Currency : Philippine Peso (Php)

Date : Jul. 13, 2015
Time : 12:21:57 AM

PATIENT ID	BATCH NO.	PATIENT NAME	ORDER DATE & TIME	MSS/CHARGE TYPE	PATIENT TYPE	STATUS	DEPT/LOCATION	GROSS AMOUNT	AMOUNT PAID	AMOUNT BAL.										
1.)	2520110	2015001043 Dela Cruz, Juan O.	2015-07-12 10:08:00 PM	NONE	Inpatient (ER)	Charge	C-FamMed-Med : Rm #1020	\$1.00	0.00	\$1.00										
<table><tr><td>TEST</td><td>SECTION</td><td>IS SOCIALIZED</td><td>GROSS PRICE</td><td>DISCOUNTED PRICE</td></tr><tr><td>Ureanalysis - ROUTINE</td><td>CLINICAL MICROSCOPY</td><td>YES</td><td>\$1.00</td><td>\$1.00</td></tr></table>											TEST	SECTION	IS SOCIALIZED	GROSS PRICE	DISCOUNTED PRICE	Ureanalysis - ROUTINE	CLINICAL MICROSCOPY	YES	\$1.00	\$1.00
TEST	SECTION	IS SOCIALIZED	GROSS PRICE	DISCOUNTED PRICE																
Ureanalysis - ROUTINE	CLINICAL MICROSCOPY	YES	\$1.00	\$1.00																

TOTAL GROSS AMOUNT	: Php	\$1.00
TOTAL AMOUNT PAID	: Php	0.00
TOTAL AMOUNT BALANCE	: Php	\$1.00