



The Reference Laboratory Manual

WebConnect™

Introduction

- KFSH&RC follows international standards and has created a well-equipped research lab for patients.
- The reference laboratory e-service allows users from the health care sector, both government and private, from all over the world to benefit from world-class and highly accurate lab, genetic, and toxicology tests generated by KFSH&RC reference lab following laboratory information management system (LIMS).



Accreditations & Awards

- KFSH&RC Pathology and Laboratory Department has been accredited by prestige associations:
- [The College of American Pathologists](#)
- [American Society for Histocompatibility and Immunogenetics](#)
- [The Royal College of Pathologists of Australia RCPA](#)
- [AMERICAN ASSOCIATION OF BLOOD BANK \(AABB\)](#)





Goals & Objectives

- Reduce the number of human errors during Patients registration and order entry.
- Increase clients satisfaction.
- Less phone calls inquiries.

Service Level Agreement

- The scope of service agreement covers medical laboratories services provided by KFSHRC to the signed governmental or private hospital.
- KFSHRC shall provide all the services of the reference, genetics and toxicology laboratories as the required and requested, services shall be provided based on the policies of the laboratory test listed in the yearly KFSH order catalog produced by KFSHRC.
- Specimens collection and transport is responsibility of the signed governmental or private hospital.
- KFSHRC shall provide to the signed governmental or private hospital all laboratory results using the Reference Laboratory Platform, the turnaround time for the result will be according to the yearly published KFSH order catalog which will be given upon signing the contract.
- As needed, KFSHRC shall provide the employees who work at the signed governmental or private hospital laboratory with necessary training to use the platform and to complete the packaging and transporting the specimens properly.

How to Join

- In order to access the services of the reference lab in KFSH&RC, the health institute should sign a contract with " King Faisal Specialist Hospital International Holding Company (KFSHI) " which is owned by KFSH&RC.
- The health institute should fill the attached "Customer Information Form" and send it to King Faisal Specialist Hospital International Holding Company (KFSHI) through one of the following channels:
 - Fax: 00966 114423441
 - Email: info@sdl.com.sa
 - Phone call:
 - Telephone: 00966 11 4424211
 - Customer Services: 00966 11 4424216
- The health institute name will be generated in the data base of the reference lab system and give the institute a user name and password to access the reference lab system:
 - <https://icisreflab.kfshrc.edu.sa/site.asp>
- A full training about how to use the system will be given to one of the health institute personnel to register patients, order tests and extract the results. A digital printer will be provided for the users to give barcodes to the samples.
- Users can track the samples while they are under process, print and save the results.


Usage Mechanism

- how to use the system ?
 - Once the Healthcare institution has been granted access to the reference laboratory platform, the institution name will be added to the data base.
- The following slides will explain:
 - How to register patients?
 - How to order tests ?
 - How to extract the results?


Usage Mechanism

ACCESS

- Use the institution USERNAME & PASSWORD to access the platform
- Then press submit



مستشفى الملك فيصل التخصصي ومركز الأبحاث
King Faisal Specialist Hospital & Research Center
Cerner WebConnect™



User ID:

Password:

You have accessed a computer managed by King Faisal Specialist Hospital and Research Center. Only authorized users are allowed to access this website in accordance with the terms of use and other written restrictions provided by King Faisal Specialist Hospital and Research Center. Unauthorized access to or misuse of this system is prohibited. Your use of this system will be logged and may be monitored.

Enter your ID and password and click on the **Submit** button. If you forgot your password, click on the Forgot Password tab above and follow the prompts.

Usage Mechanism

PATIENT SEARCH

- Once you access the platform, you will land into patient search page.
- Make sure that the location is your health institution name.
- Search by using the first 3 letters of the patient name in the Pt. Search bar. Then press "go"
- Or use the advance search by using one of the empty fields. Then press "Search"
- *Note: if the patient is already registered move to place order step.*

Cerner WebConnect - Windows Internet Explorer provided by KFSH&RC BCGW

Cerner WebConnect™

Feedback Help Log Off

Last Log on: 07/07/2015 11:14 - Altoum, Abdulkarim

Location: KFSH Non - Patient Testing (KFSH_NONPT)

Patient Search

Pt. Search ? go

adv. search

Refresh

Name Surname: Forename:

☐ Include patients with similar sounding names

MRN/PID:

Saudi National ID Saudi National

Age From: To:

Gender:

Date of Service From: dd/mm/yyyy To: dd/mm/yyyy

Clinician: Find Clinician

☐ All Locations

Search

WebConnect

- Barcode Printer Setup
- Transport Lists
- Report - Order Status
- Utilisation Report
- Service Catalogue

Patients(0)

My Preferences

- User Information
- System Setting
- Results

Administration

- WAC New Window
- Security Settings
- Feedback
- Results Configuration
- CSR Configuration
- Search

95%

Usage Mechanism

PATIENT REGISTRATION

- If you didn't find your patient name, then you can register him/her as a new patient.
- Click on "Patient" Tab
- Add the necessary fields like:
 - Surname
 - Forename
 - Date of birth
 - PID : your institution patient number
 - National ID
 - Then press "Submit"

Cerner WebConnect - Windows Internet Explorer provided by KFSH&RC BCGW

Cerner WebConnect™

Location: KFSH Non - Patient Testing (KFSH_NONPT)

Last Log on: 07/07/2015 11:14 - Altoum, Abdulkarim

Back | Patient Search | Patient List | Patient Registration

Pt. Search ?

adv. search go

WebConnect

- Barcode Printer Setup
- Transport Lists
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- Service Catalogue

Patients(0)

My Preferences

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Tuesday, July 7, 2015, 14:13 - Welcome Altoum, Abdulkarim

STEP 1: PATIENT INFORMATION

STEP 2: Guarantor Information

STEP 3: Insurance Information

Please fill out the form thoroughly and accurately. All fields with an (*) are required for registration. Use your mouse or tab down through each text box or selection area and type in your information. When finished, click the 'Next' or 'Submit' button at the bottom of the page to continue.

Patient Information

☐ Confidential Patient Registration

*Surname KFSH Webconnect *Forename Demonstration Middle Name

Saudi National ID ##### *PID Client MRN

*Date of Birth 01/01/1969 Age 46 Y *Gender Male

Race Select a Race

Mailing Address

Postcode

City

County Select a County

Home Phone

Submit Cancel

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Usage Mechanism

PLACE ORDER

- After you access the patient file either by searching through the database or creating new patient file.
- Press "Place new order"

Cerner WebConnect - Windows Internet Explorer provided by KFSH&RC BCGW

Cerner WebConnect™ | Feedback | Help | Log Off

Location: KFSH Non - Patient Testing (KFSH_NONPT) | Last Log on: 07/07/2015 11:14 - Altoum, Abdulkarim

Back | Patient Search | Patient List | Patient Registration | Order History

Pt. Search [?] | go | adv. search | dd/mm/yyyy to dd/mm/yyyy | Options | ☒ All Locations | Refresh

KFSH Webconnect, Demonstration		MRN	PID	DOB	Age	Gender
f38541		95003543	Client MRN	01/01/1969	46 Y	M
Saudi National ID : Address: Home Phone:		Patient is self-insured				
f38541						
Guarantor: Relationship: Saudi National ID : DOB: n/a Address: Home Phone:						
No order found for this patient.						

Patient: KFSH Webconnect, Demonstration

dd/mm/yyyy to dd/mm/yyyy | Options | ☒ All Locations | Refresh

Place New Order

Usage Mechanism

ORDER SEARCH

- Search for the order using the Tests Fields.
- Click on the order you are looking for.
- If you have additional orders, use the same methods.
- Check the box in front of each order name.
- Press "Confirm & Approve"

Cerner WebConnect - Windows Internet Explorer provided by KFSH&RC BCGW

Cerner WebConnect™

Location: KFSH Non - Patient Testing (KFSH_NONPT) Last Log on: 07/07/2015 11:14 - Altoum, Abdulkarim

Back | Patient Search | Patient List | Patient Registration | Order History | Place Order

Pt. Search [?] go

adv. search

WebConnect

- Barcode Printer Setup
- Transport Lists
- Report - Order Status
- Utilisation Report
- Service Catalogue

Patients(1)

- 1 Patient(s)

Clinical Results

- 24 Hours
- 72 Hours
- 7 Days
- Category

My Preferences

- User Information
- System Setting
- Results

Administration

- WAC New Window
- Security Settings
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- Search

KFSH Webconnect, Demonstration

MRN 95003543 PID Client MRN DOB 01/01/1969 Age 46 Y Gender M

New Order

Order Information

Requisition Comment Procedure Comment

Diagnosis ICD9 Search

Tests Test Search

Order by Number

Tests / Procedures

☐ Alanine Aminotransferase ALT

Add to Order

Order Review

Tests / Panels - Special Prompts	Diagnosis	Priority	Actions
Alanine Aminotransferase		Routine	Modify Delete

Confirm & Approve

95%

Usage Mechanism

ORDER CONFIRMATION & LABEL PRINT

- Your orders sent to the KFSHRC laboratory and label will be printed.
- Print the order requisition form and label by using the print options box.

The screenshot displays the Cerner WebConnect interface within a Windows Internet Explorer browser window. The browser title is 'Cerner WebConnect - Windows Internet Explorer provided by KFSH&RC BCGW'. The page header includes the Cerner WebConnect logo, a 'Feedback' link, a 'Help' link, and a 'Log Off' link. The 'Location' is set to 'KFSH Non - Patient Testing (KFSH_NONPT)'. The 'Last Log on' is '07/07/2015 11:14' by 'Altoum, Abdulkarim'. The navigation bar shows 'Back', 'Patient Search', 'Patient List', 'Patient Registration', 'Order History', and 'Place Order'. The 'Pt. Search' field is empty, and the 'adv. search' button is visible. The left sidebar contains a tree view with categories: WebConnect (Barcode Printer Setup, Transport Lists, Report - Order Status, Utilisation Report, Service Catalogue), Patients(1) (1 Patient(s), Clinical Results (24 Hours, 72 Hours, 7 Days, Category), My Preferences (User Information, System Setting, Results), and Administration (WAC New Window, Security Settings, Feedback, Results Configuration, CSR Configuration, Search). The main content area shows a table with columns: MRN (95003543), PID (Client MRN), DOB (01/01/1955), Age (45 Y), and Gender (M). The table contains one row for 'Alanine Aminotransferase'. Below the table, there is an 'Order Status Message' stating: 'Please wait while your order is sent to the laboratory. When all test information has been received, labels will print for this order.' To the right of the message is a 'Print Options' box with three checkboxes: 'Requisition' (unchecked), 'Print All Labels' (unchecked), and 'Print Extra Label' (unchecked). Below these checkboxes is a 'Print Order' button. The 'Print Options' box is highlighted with a red rectangle. The browser status bar at the bottom shows '95%' zoom.


Usage Mechanism

REQUISITION FORM & LABEL

- Once you print the requisition form and label.
- Place the label on the specimen and attached the requisition form with it.
- *Note: specimen will be sent to our laboratory through your logistic transport agent.*

Printable Content - Windows Internet Explorer provided by KFSH&RC BCGW

When the printable copy is finished loading, click the printer button below to print.

CONFIDENTIAL - REQ No. D00005931 07/07/2015 08:00 Patient: KFSH Webconnect, Demonstration Encounter No.: 95004625 Page 1 of 1									
 <p>KFSH Lab P.O. Box 3354 Riyadh 11211, SA +966-1-442-4216</p>	<p>KFSH Webconnect, Demonstration</p> <p>MRN: 95003543 Address:</p> <p>PID: Client MRN</p> <p>NHS No.: DOB: 01/01/1969 (46 Y) Phone: (Home)</p> <p>Gender: M</p> <p>INSURANCE BILLING INFORMATION</p> <p>Bill To: Client</p>								
<p>KFSH Non - Patient Testing KFSH_NONPT</p> <p>Riyah test</p> <p>Account:</p> <p>Client Signature:</p>									
<p>FOR LAB USE ONLY</p> <p>Send Additional Copy To:</p> <p>Ordering Clinician: Al-Dayel, Fouad Hassan</p> <p>Priority: Routine</p>									
<p>Procedure: (ALT) Alanine Aminotransferase (None)</p> <p>Status: Ordered 07/07/2015 08:00</p> <p>ICD-9 Diagnosis:</p> <p>Collection Instructions / Notes: (SST) Transport Temp: Refrigerated 2 to 8C</p>									
<p>IMPORTANT INFORMATION FOR OUR PATIENTS</p> <p>I AUTHORIZE THE RELEASE OF ANY MEDICAL INFORMATION NECESSARY TO PROCESS THIS CLAIM AND REQUEST PAYMENT OF BENEFITS TO THE PARTY WHO ACCEPTS ASSIGNMENT. I ALSO ASSUME RESPONSIBILITY FOR ANY CHARGES NOT COVERED BY THE CARRIER IN THE EVENT THAT ANY OF THESE TEST(S) ORDERED ARE/IS NOT A PAYABLE BENEFIT, OR IF MY PLAN IS NON-PARTICIPATING WITH THE PERFORMING LABORATORY.</p> <p>Date _____ Patient Signature _____</p>	<p>SPECIMEN SUMMARY</p> <table border="1"> <tr> <th>Container Type</th> <th>Accession Number</th> </tr> <tr> <td>SST</td> <td>15-188-03794A</td> </tr> <tr> <td>Date: _____ Time: _____</td> <td></td> </tr> <tr> <td>Initials: _____</td> <td></td> </tr> </table>	Container Type	Accession Number	SST	15-188-03794A	Date: _____ Time: _____		Initials: _____	
Container Type	Accession Number								
SST	15-188-03794A								
Date: _____ Time: _____									
Initials: _____									

Usage Mechanism

VIEW STATUS: ORDERED TEST

- You can view the patient ordered tests by:
 - Access patient file from the patient Search.
 - Access patient file from the patient tab.
 - Access patient file from the clinical result tab
- Once you access the patient profile, the status of the test will be "Ordered"

Cerner WebConnect - Windows Internet Explorer provided by KFSH&RC BCGW

Cerner WebConnect™

Location: KFSH Non - Patient Testing (KFSH_NONPT) Last Log on: 07/07/2015 11:14 - Altoum, Abdulkarim

Back Patient Search Patient List Patient Registration Order History

Pt. Search ?

adv. search go

dd/mm/yyyy to dd/mm/yyyy Options All Locations Refresh

WebConnect

- Barcode Printer Setup
- Transport Lists
- Report - Order Status
- Utilisation Report
- Service Catalogue

Patients(1)

- 1 Patient(s)
- KFSH Webconnect, Demonstration
- Clinical Results
 - 24 Hours
 - 72 Hours
 - 7 Days
 - Category

My Preferences

- User Information
- System Setting
- Results

Administration

- WAC New Window
- Security Settings
- Feedback
- Results Configuration
- CSR Configuration
- Search

KFSH Webconnect, Demonstration

MRN 95003543 PID Client MRN DOB 01/01/1969 Age 46 Y Gender M

F38541 Edit

Saudi National ID : Patient is self-insured

Address:

Home Phone:

F38541 Edit

Guarantor:

Relationship:

Saudi National ID :

DOB: n/a

Address:

Home Phone:

Date*	Order	Bill Type	Location	Ordering Clinician	Status	Standing Order	Req Dur/Rem	Actions
07/07/2015 08:00	Alanine Aminotransferase	Client/KFSH_NONPT Bill	Client/KFSH_NONPT	Al-Dayel, Fouad Hassan	Ordered	n/a		Print Req. Print Labels

Patient: KFSH Webconnect, Demonstration

dd/mm/yyyy to dd/mm/yyyy Options All Locations Refresh

Place New Order

95%

Usage Mechanism

VIEW STATUS: COMPLETED TEST

- You can view the patient completed result by:
 - Access patient file from the patient Search.
 - Access patient file from the patient tab.
 - Access patient file from the clinical result tab
- Once you access the patient profile, the status of the test will be "Auth (Verified)"
- Click on "View Results"

Cerner WebConnect - Windows Internet Explorer provided by KFSH&RC BCGW

Cerner WebConnect™ | Feedback | Help | Log Off

Location: KFSH Non - Patient Testing (KFSH_NONPT) | Last Log on: 07/07/2015 11:14 - Altoum, Abdulkarim

Back | Patient Search | Patient List | Patient Registration | Order History

Pt. Search ? | go | dd/mm/yyyy to dd/mm/yyyy | Options | ☒ All Locations | Refresh

KFSH Webconnect, Demonstration | MRN: 95003543 | PID: Client MRN | DOB: 01/01/1969 | Age: 45 Y | Gender: M

F38541 | Edit | **F38541** | Edit

Saudi National ID : | Patient is self-insured

Address: |

Home Phone: |

Guarantor: |

Relationship: |

Saudi National ID : |

DOB: n/a |

Address: |

Home Phone: |

Date	Order	Bill Type	Location	Ordering Clinician	Status	Standing Order	Req Dur Rem	Actions
07/07/2015 08:00	Alanine Aminotransferase	Client Bill	KFSH_NONPT	Al-Dayel, Fouad Hassan	Auth (Verified)	n/a		Print Req. View Results

Patient: KFSH Webconnect, Demonstration

dd/mm/yyyy to dd/mm/yyyy | Options | ☒ All Locations | Refresh

Place New Order

95%

Usage Mechanism

RESULTS VIEW

- Once you access the result you view:
 - Test name
 - Test value
 - Test unit
 - Reference range of the test
 - Date of the result
- You print the result as printable copy by clicking the print icon

Cerner WebConnect - Windows Internet Explorer provided by KFSH&RC BCGW

Cerner WebConnect™ | Feedback | Help | Log Off

Location: KFSH Non - Patient Testing (KFSH_NONPT) | Last Log on: 07/07/2015 11:14 - Altoum, Abdulkarim

Back | Patient Search | Patient List | Patient Registration | Order History | Result Details

Pt. Search [?] | go

adv. search

WebConnect

- Barcode Printer Setup
- Transport Lists
- Report - Order Status
- Utilisation Report
- Service Catalogue

Patients(1)

- 1 Patient(s)
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My Preferences

- User Information
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- Search

Print All

View Results

95%

KFSH Webconnect, Demonstration

MRN: 95003543 | PID: Client MRN | DOB: 01/01/1969 | Age: 45 Y | Gender: M

Test: Alanine Aminotransferase | Collected: 07/07/2015 08:00

Ordered By: Al-Dayel, Fouad Hassan | Resulted: 07/07/2015 14:28

Accession Number: 15-188-03794 | Visit Number: 95004625

Abnormal	Component	Value	Unit	Ref. Range	Resulted Date
HI	ALT	50.0	U/L	10.0-45.0	07/07/2015 14:28

Patient: KFSH Webconnect, Demonstration

Print All


Usage Mechanism

RESULT PRINTABLE COPY

- After you click the print icon , the system will generate a printable copy in PDF format.
- Click in save or print from the ADOPE reader icon.

Printable Content - Windows Internet Explorer provided by KFSH&RC BCGW

When the printable copy is finished loading, click the printer button below to print.



مستشفى الملك سعود التخصصي ومركز الأبحاث
King Saud Specialist Hospital & Research Center
بوكس 3354، الرياض 11211، س.أ +966-1-442-4216








KFSH Non - Patient Testing
Riyah test

KFSH Lab, P.O. Box 3354, Riyadh 11211, SA +966-1-442-4216

KFSH Webconnect, Demonstration

PID Client MRN	MRN 95003543	DOB 01/01/1969	Age 46 Y	Sex M
Test: Alanine Aminotransferase		Ordered By: Al-Dayel, Fouad Hassan		Collected: 07/07/2015 08:00
Accession #: 15-188-03794		Resulted: 07/07/2015 14:28		Visit #: 95004625

Abn	Component	Value	Unit	Ref. Range	Resulted Date
HI	ALT	50.0	U/L	10.0-45.0	07/07/2015 14:28



Print file (Ctrl+P)

Support

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 - Fax: 00966 114423441
 - Email: info@sdl.com.sa
 - Phone call:
 - Telephone: 00966 11 4424211
 - Customer Services: 00966 11 4424216



Thank you