
iMediXcare user manual



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1 What is iMediXcare ?

- **iMediXcare is an Open Source Telemedicine System.**
iMediXcare is a Telemedicine System which models Out-Patient-Door (OPD) workflow of a virtual hospital.
iMediXcare interfaces are easy to use.
- The appointment is set by the data entry operator, and maintains a queue of patients for online consultations for each doctor. The data entry operator can also enter and upload patient's data.
- The doctor makes online visit of a patient by browsing patient's data, entering observations, vital signs and symptoms, health parameters, etc., if needed, consulting using video conferencing, advising tests and investigations, and writing e-prescription. A doctor can refer a patient to another doctor for online consultation.
- A patient from her(his) account is able to get access of visit wise medical records and prescriptions.
- **iMediXcare** is mobile responsive.

Types of users in iMediXcare-

- System Administrator
- Centre Administrator
- Doctor
- Data Entry Operator
- Pathology Technician
- Patient

2 Getting Started

Use the *Installation Guide* to install iMediXcare.

After installing *iMediXcare* a privileged user account is created. In iMediXcare it is known as *System Administrator*.

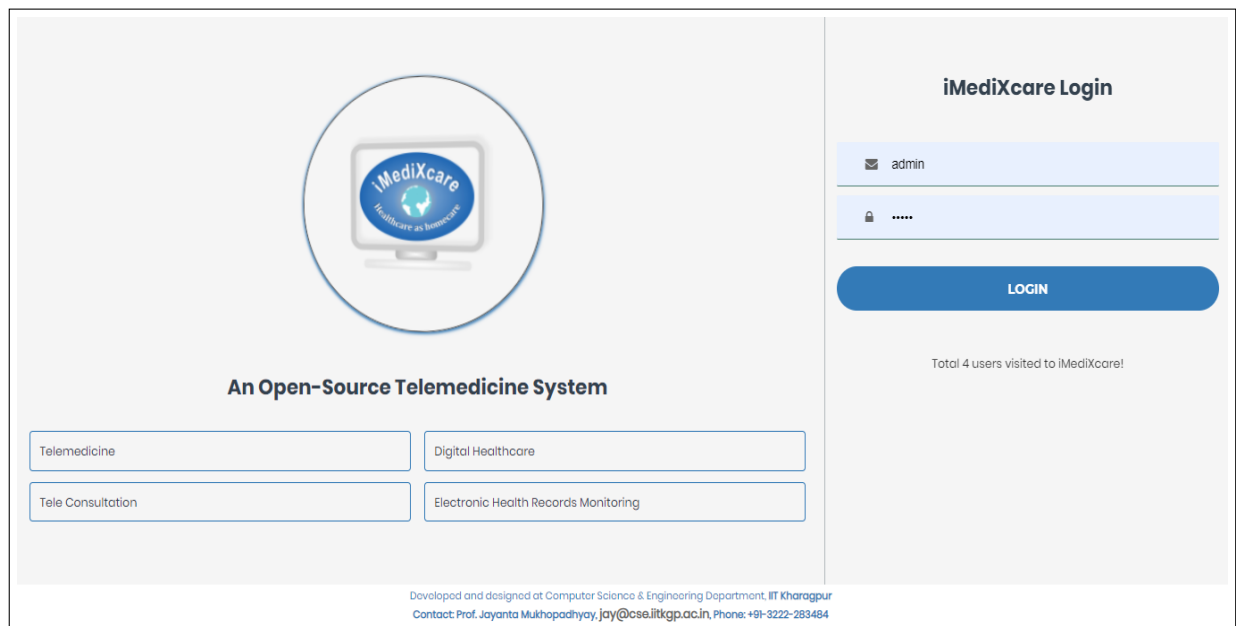
The profile login and password for *System Administrator* is -

- login id: **admin**
- password: **admin**

2.1 Profile : System Administrator

2.1.1 Login

Goto **iMediXcare** telemedicine system's login page-



iMediXcare Login

✉ admin

🔒

LOGIN

Total 4 users visited to iMediXcare!

An Open-Source Telemedicine System

Telemedicine

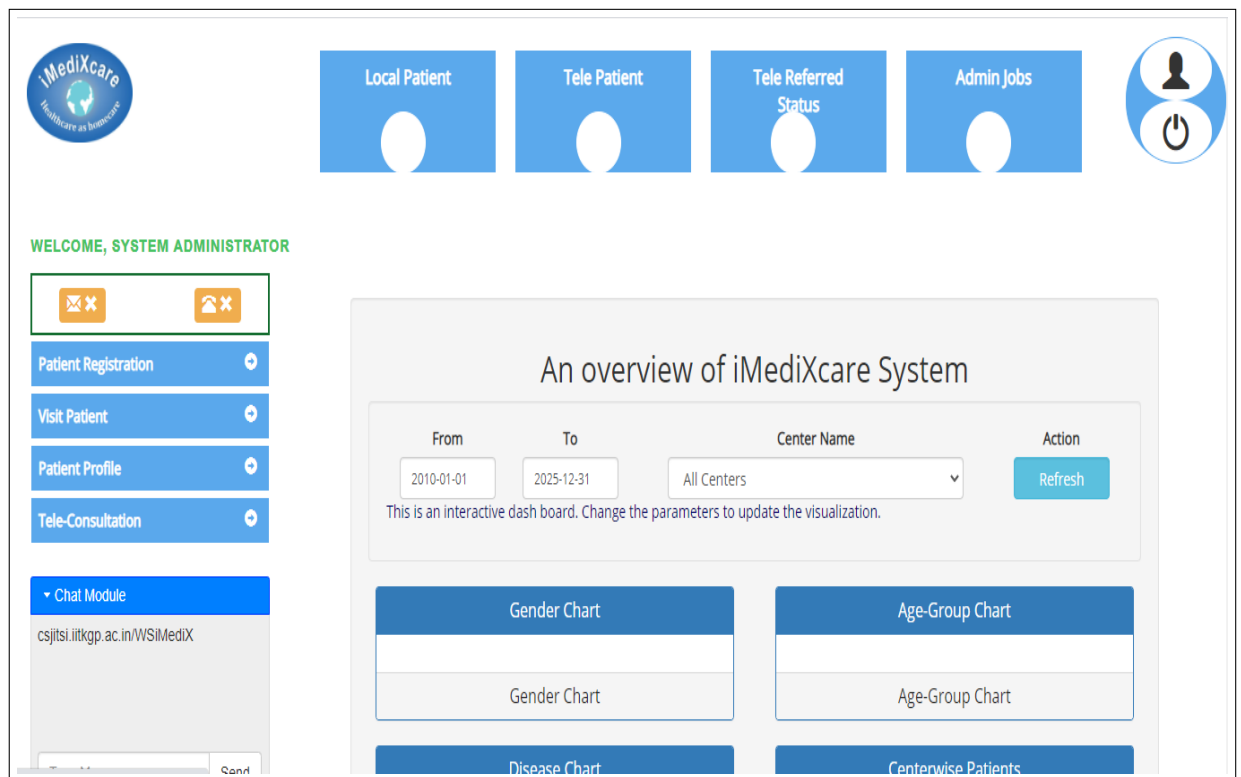
Digital Healthcare

Tele Consultation

Electronic Health Records Monitoring

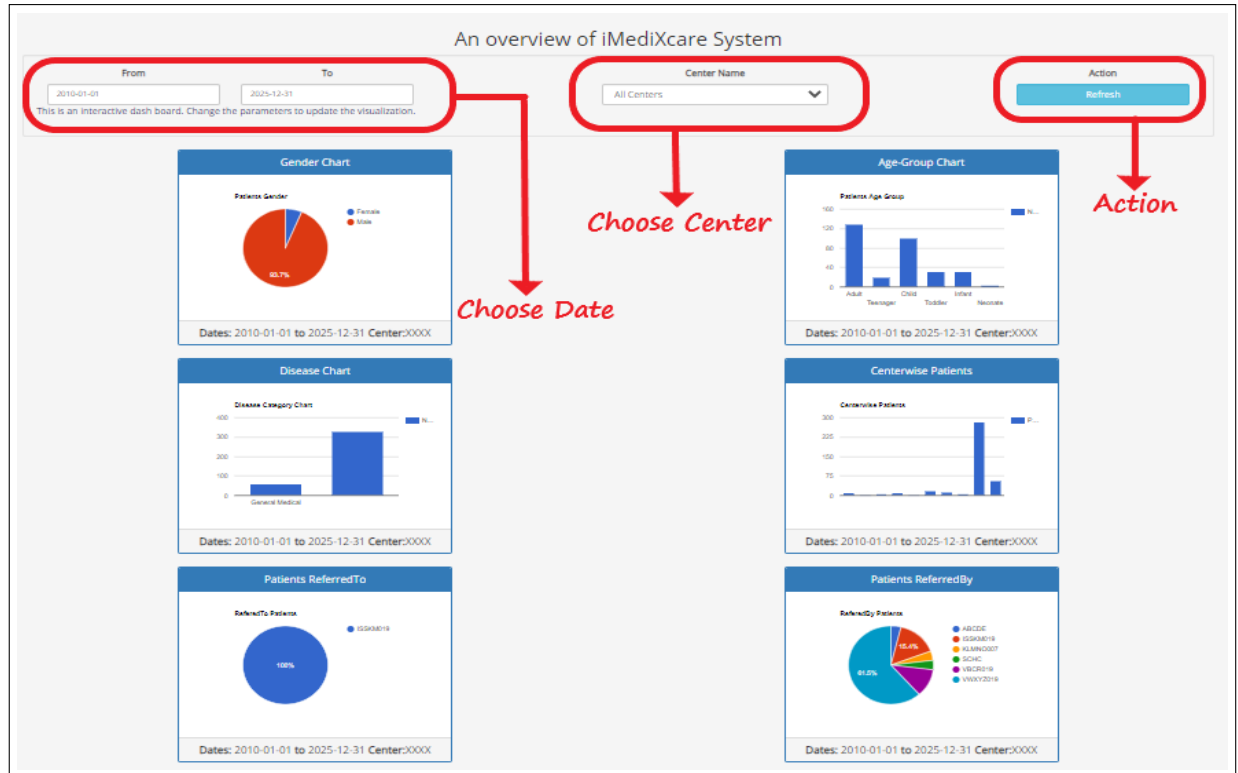
Developed and designed at Computer Science & Engineering Department, IIT Kharagpur
Contact: Prof. Jayanta Mukhopadhyay, jay@cse.iitkgp.ac.in, Phone: +91-3222-283484

Use system administrator profile login credentials to login **iMediXcare** system. Change the password immediately after log by editing profile as described below.



This is the home page of system administrator profile.

2.1.2 Dashboard

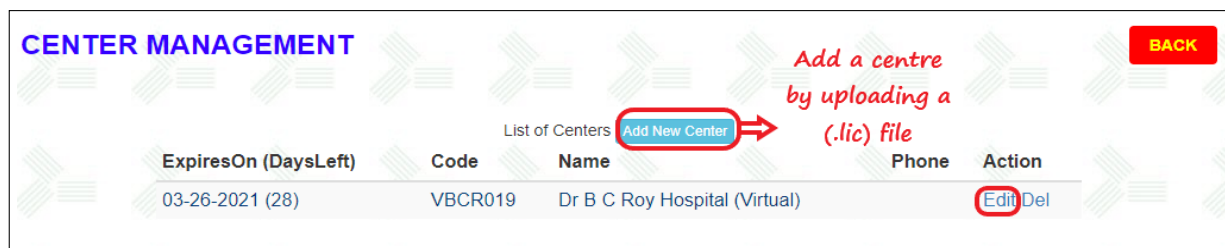


Choose the date range, center name and click on refresh button. Graph based statistics of the center patients gets plotted, for analysis purpose.

2.1.3 Add the virtual hospital using VBCR.lic file



From admin jobs (administrator responsibilities) select center management.



In the present version, only one license file is provided (expiry date - 23rd February, 2031) for hosting the virtual hospital. Change the name of hospital from Edit option.

Add New Center(Upload .lic file)

Choose File

Upload

Close

Browse and upload the **VBCR.lic** file and upload. Now, the center is created. Edit option can be used to change the name of centres and giving permission to centres who can participate in patient telereferral.

Edit Center

Code	Name	Phone
VBCR019	Dr B C Roy Hospital (Virtual)	

Select Referred Hospital

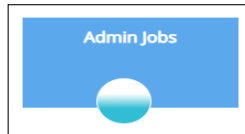
☒ Dr B C Roy Hospital (Virtual)

Select Referring Hospital

☒ Dr B C Roy Hospital (Virtual)

Save

2.1.4 Create user accounts



Administrator Responsibilities :	
Connected Centers	12
Registration Queue	2
Show Users	125
Activate/Deactivate Users	
Create Patient Login	0
Manage Drug List	
Manage Departments	

From admin jobs select option **Show Users** from **Administrator Responsibilities**.

MANAGE USERS AND DOCTORS
BACK

System Users
Add New User
Update Availability
Select Center : Dr B C Roy Hospital (V

BACK
Administrator : Red | Doctor : Green | Data Entry Operator : Blue | Patients : Black

<input type="checkbox"/> Avl <input type="checkbox"/> Refl	Name (UID)	Designation	Email	Phone	Center	Action	Class
	BC Roy Administrator(vbcradmin)		vbcradmin@imedix.iitkgp.ac.in	9098909890	VBCR019	Edit	Not Allocated
<input checked="" type="checkbox"/>	Dr N Mitra(vbcrdocn)		mithun.sar.kar@gmail.com	0909890989	VBCR019	Edit	Registered
<input checked="" type="checkbox"/>	Dummy Doc 1(dummydoc1)	Medical Officer	m.ithunsarkar@gmail.com	9999999999	VBCR019	Edit	Registered
<input checked="" type="checkbox"/>	testdococt(testdococt)	Doctor	testdococt@imedix.iitkgp.ac.in	0992323433	VBCR019	Edit	Registered
<input checked="" type="checkbox"/>	VBCR019 Doc(vbcr019)		vbcr019@imedix.iitkgp.ac.in	0345345345	VBCR019	Edit	Registered

On clicking **Add New User** a user registration form opens up, where unique email id and phone number of a user is mandatory.

Registration Form

Login ID (Six Character or more)

PassWord (Six Character or more)

Confirm password

Name

Address

Enter EmailID

Phone

Qualification

Designation

Select Hospital

Administrator

Select Department

Regn No

Submit

Close

All types of user roles in **iMediXcare** are list in a dropdown.

Dr B C Roy Hospital (Virtual)

Administrator

Administrator

Doctors

Pathology Technician

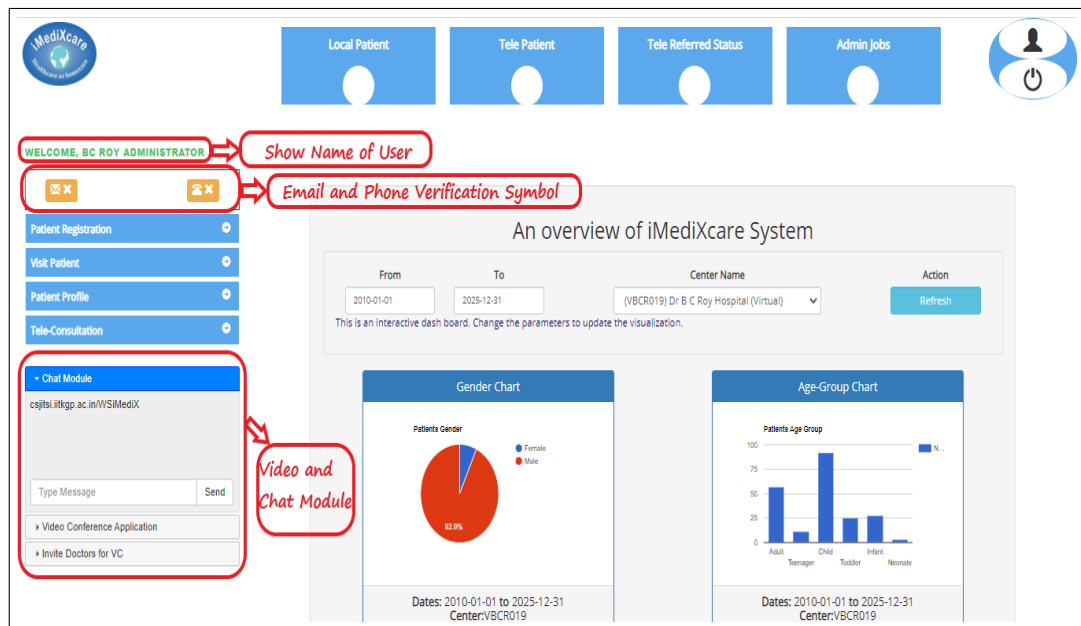
Data Entry Operator

Create the centre administrator profile and then create rest of the required user profiles.

3 Profile : Centre Administrator

Purpose: Centre administrator profile is used to control all the functionalities of a hospital/centre. System administrator can perform all the functions of center administrator with added power to perform them across all centres.

3.1 Login

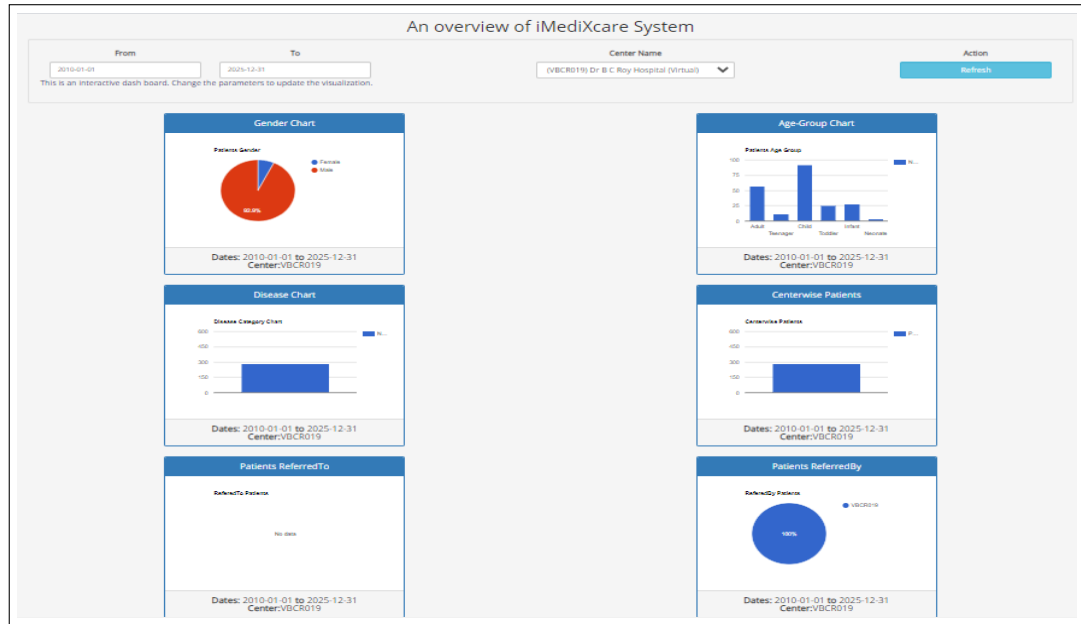


The username of the login profile is shown as **Welcome, username**. Just below the email and phone verification symbols appear. It turns green if verified using OTP.



Here, green symbol of email tells that the email id is verified for this user in system. The video conference and chat module shown here is mainly used for communicating between patients and doctors.

3.2 Dashboard



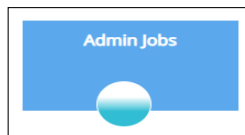
Here statistics are shown as graph considering all patients at that particular centre.

3.3 Edit Profile

Edit profile feature is used to add/modify the user's details.

The screenshot displays the iMediXcare administrator dashboard. At the top, there are four main navigation buttons: 'Local Patient', 'Tele Patient', 'Tele Referred Status', and 'Admin Jobs'. A user profile icon in the top right corner is circled in red, with a red arrow pointing to the 'Edit Profile' text. Below the navigation bar, a green banner reads 'WELCOME, BC ROY ADMINISTRATOR'. On the left, a sidebar contains a list of modules: 'Patient Registration', 'Visit Patient', 'Patient Profile', 'Tele-Consultation', and a 'Chat Module' with a text input and 'Send' button. The main content area shows the 'Edit vbcradmin's Details' form. This form includes fields for 'Current Password?', 'New Password?', 'Full Name' (BC Roy Administrator), 'Address' (KGP), 'Qualification' (MBBS), and 'Designation'. It also features 'Email ID' and 'Phone No' fields with 'otp-em' and 'otp-ph' verification options, each with 'Verify' and 'Remove' buttons. A 'BACK' button is located at the top right of the form, and a 'Modify' button is at the bottom.

3.4 Create user accounts



Administrator Responsibilities :

Connected Centers	12
Registration Queue	2
Show Users	125
Activate/Deactivate Users	
Create Patient Login	0
Manage Drug List	
Manage Departments	

From admin jobs select option **Show Users** from **Administrator Responsibilities**.

MANAGE USERS AND DOCTORS

System Users
Add New User
Update Availability
Select Center : Dr B C Roy Hospital (V

BACK

Administrator : Red | Doctor : Green | Data Entry Operator : Blue | Patients : Black

<input type="checkbox"/> AVI <input type="checkbox"/> Refl	Name (UID)	Designation	Email	Phone	Center	Action	Class
	BC Roy Administrator(vbcraadmin)		vbcraadmin@imedix.iitkgp.ac.in	9098909890	VBCR019	Edit	Not Allocated
<input checked="" type="checkbox"/>	Dr N Mitra(vbcrdocn)		mithun.sar.kar@gmail.com	0909890989	VBCR019	Edit	Registered
<input checked="" type="checkbox"/>	Dummy Doc 1(dummydoc1)	Medical Officer	m.ithunsarkar@gmail.com	9999999999	VBCR019	Edit	Registered
<input checked="" type="checkbox"/>	testdococt(testdococt)	Doctor	testdococt@imedix.iitkgp.ac.in	0992323433	VBCR019	Edit	Registered
<input checked="" type="checkbox"/>	VBCR019 Doc(vbcrd019)		vbcrd019@imedix.iitkgp.ac.in	0345345345	VBCR019	Edit	Registered

On clicking **Add New User** a user registration form opens up, where unique email id and phone number of a user is mandatory.

Registration Form

Login ID (Six Character or more)

PassWord (Six Character or more)

Confirm password

Name

Address

Enter EmailID

Phone

Qualification

Designation

Select Hospital

Administrator

Select Department

Regn No

Submit

Close

All types of user roles in **iMediXcare** are list in a dropdown.

Dr B C Roy Hospital (Virtual)

Administrator

Administrator

Doctors

Pathology Technician







Data Entry Operator

3.5 Manage Departments

From **Administrator Responsibilities**, select option **Manage Departments**.

MANAGE DEPARTMENTS

Add Department

Department		Active
General Medical	 	<input checked="" type="checkbox"/>
General Surgery	 	<input checked="" type="checkbox"/>
Child Specialist	 	<input checked="" type="checkbox"/>

Here departments can be added, updated, deleted, activated and deactivated.



















3.6 Manage Drug List

From **Administrator Responsibilities**, select option **Manage Drug List**.

EDIT DRUG LIST

Add Drug
Add Drugs from BaseList
Add Drugs from .CSV file

Show 10 entries
Search:

Drug Name		Active
1/3 Normal Saline with 5% Dextrose I.P.	 	<input checked="" type="checkbox"/>
1/5 Normal Saline with 5% Dextrose I.P.	 	<input checked="" type="checkbox"/>
1x for 10mL Turbiquant Reagent	 	<input checked="" type="checkbox"/>
3G TSH [For Immulite 1000]	 	<input checked="" type="checkbox"/>
40% Urea Solution Sterile	 	<input checked="" type="checkbox"/>
6-Mercaptopurine Tab. I.P. 50mg	 	<input checked="" type="checkbox"/>
6-Thioguanine (6-TG) 40 mg Tab.	 	<input checked="" type="checkbox"/>
76% Urografin 20 ml Vial.	 	<input checked="" type="checkbox"/>
Abacavir 300mg Tab.	 	<input checked="" type="checkbox"/>

Here drugs can be added, updated, deleted, activated and deactivated. There is also a provision to add drugs from a csv file.

IMPORT DRUGS FROM CSV FILE

No file chosen

3.7 Activate/Deactivate users

From **Administrator Responsibilities**, select option **Activate/Deactivate Users**.

ACTIVATE/DEACTIVATE USERS

Select Center :

Administrator : Red | Doctor : Green | Data Entry Operator : Blue | Patients : Black

Show entries

ACCOUNT STATUS	NAME (UID)	DESIGNATION	EMAIL	PHONE	CENTER
<input checked="" type="checkbox"/>	BC Roy Administrator(admVBCR0190000)		vbcradmin@imedix.iitkgp.ac.in	9098909890	VBCR019
<input checked="" type="checkbox"/>	Dr N Mitra(docVBCR0190001)		mithun.sar.kar@gmail.com	0909890989	VBCR019
<input checked="" type="checkbox"/>	Dummy Doc 1(docVBCR0190004)	Medical Officer	m.ithunsarkar@gmail.com	9999999999	VBCR019
<input checked="" type="checkbox"/>	testdococt(docVBCR0190003)	Doctor	testdococt@imedix.iitkgp.ac.in	0992323433	VBCR019
<input checked="" type="checkbox"/>	VBCR019 Doc(docVBCR0190000)		vbcr019@imedix.iitkgp.ac.in	0345345345	VBCR019

On clicking the *check box* under **ACCOUNT STATUS** the user accounts can be activated or deactivated.

3.8 Update Physician

Goto **Local Patient** queue. Here all the patients currently undergoing treatment in that hospital/centre appears .

Search Patient Local Patient Queue(Of Dr B C Roy Hospital (Virtual))
Number of Patient(s) in Q : 30

Patient ID Patient Name By Date FROM To Search

Assign Physician Choose Physician -Select- Select patients for whom the doctors needs to be updated and Reassign

Show 5 entries

SNo	Select	PatientName	PatientID	Category	Assigned Physician
1	<input type="checkbox"/>	Mr. Test 23 Patient	VBCR0192302210003		Dr N Mitra
2	<input type="checkbox"/>	Mr. Test 23 Patient	VBCR0192302210002		Dr N Mitra
3	<input type="checkbox"/>	Mr. Patient Example	VBCR0192202210001		vbcrdoc
4	<input type="checkbox"/>	Mr. Example Patient	VBCR0192202210000		vbcrdoc
5	<input type="checkbox"/>	Mr. Surajit 09Feb Kundu1	VBCR0191002210001		vbcrdoc

If the physician assigned at registration/Visit time needs to be changed, then the hospital/centre administrator can use this feature.

3.9 Tele Patient Queue(s)

Goto **Tele Patient** queue. Here all the patients currently undergoing treatment in that hospital/centre as part of teleconsultation appears .

Tele Patient Queue(of Dr B C Roy Hospital (Virtual) from Dr B C Roy Hospital (Virtual))
Number of Patient(s) in Q : 3

Delete Assign Physician Choose Physician -Select- Choose Center (VBCR019) Dr B C Roy Hospital (Virtual)

Show 5 entries

Select	PatientName	PatientID	Category	Referring Physician	Assigned Physician
<input type="checkbox"/>	Mr. Example Patient	VBCR0192202210000		vbcrdoc	Dummy Doc 1
<input type="checkbox"/>	Mr. Demo Patient	VBCR0193011200000		Dummy Doc 1	vbcrdoc
<input type="checkbox"/>	Mr. Test Oct 8-3 patient	VBCR0190810200001		Dr N Mitra	vbcrdoc

Goto **Tele Referred Status** queue. Here status of all the patients currently telereferred by the hospital doctors' appears .

Tele Patient Status								
Referral Center		(VBCR019) Dr B C Roy Hospital (Virtual)			ALL Waiting Accepted Rejected Advised			
Show		5	entries		Search: <input type="text"/>			
SNo	Select	PatientName	PatientID	Summary	Category	EntryDate	Attending Physician	Referred Physician
1	<input type="checkbox"/>	Mr. Example Patient	VBCR0192202210000	Summary		2021/02/23	vbcrdoc	Dummy Doc 1
2	<input type="checkbox"/>	Mr. Test 15 12 SK	VBCR0191512200000	Summary		2020/12/15	testdococt	Dummy Doc 1
3	<input type="checkbox"/>	Mr. Test Patient Demonstration	VBCR0193011200003	Summary		2020/11/30	Dummy Doc 1	vbcrdoc

3.10 OPD Registration

First click on patient registration(1) from the left panel and then click on new patient registration(2) .

Then select a doctor from the list of doctors(3).

List of Doctors : Dr B C Roy Hospital (Virtual)
 (Click on **Doctor Name** to proceed)
 Download Consent Form: [Bengali Version](#) [English Version](#)

Dr B C Roy Hospital (Virtual)	
Doctor Name : Dr N Mitra	General Medical
Doctor Name : Dummy Doc 1	General Medical
Doctor Name : testdococt	General Medical
Doctor Name : VBCR019 Doc	General Medical
Doctor Name : vbcrdoc	General Medical

3

Fill up the details of the patient in the form provided. Check on create patient login(4) in order to create a login account for the patient, if not required then uncheck create patient login(4).

Note: Login account for a patient has the same login userid and password which is the system generated patient id.

After filling up the patient information form click on the submit(5) button to save and submit the details. Reset button will clear all the fields of form.

Note: *(star) mark fields are mandatory fields.

PATIENT'S INFORMATION

Mr. <input type="text"/> First Name <input type="text"/> Middle Name <input type="text"/> Surname Choose Religion <input type="text"/> Marital status <input type="text"/> Caste Category <input type="text"/> Male <input type="text"/>	Hospital OPD Identity <input type="text"/> * <input type="text"/> Date of birth <input type="text"/> <small>DOB not known?</small> Personal Identity ID-Type <input type="text"/> Aadhar-Card Id No <input type="text"/> <input type="checkbox"/> Family Relationship Relationship <input type="text"/> Self
--	--


Patient's Details <input type="text"/> Address of Patient <input type="text"/> Police Station <input type="text"/> Phone Number <input type="text"/> City Select District <input type="text"/> * <input type="text"/> West Bengal <input type="text"/> India <input type="text"/> PinCode	Contact Person Details <input type="text"/> Name of Contact Person <input type="text"/> Relation with Patient <input type="text"/> Address Of contact Person *(star) mark is mandatory field. <input checked="" type="checkbox"/> Create Patient Login (Login password is same as patient ID) <input type="button" value="Submit"/> <input type="button" value="Reset"/>
--	---

4

5

Patient information will show up confirming patient creation and list all the

patient details which can be edited with edit option or printed with print option. The same details can be again generated using patient profile option in left panel using the patient id.

Patient's Information			
Patient name :	Mr. Patient Example	Reg. Date :	22-02-2021
Doctor Name :	vbcrdoc	 VBCR0192202210001	
Patient ID :	VBCR0192202210001	Marital Status :	Nevermarried
Age group :	adult	Religion :	Hinduism
Age :	40 Year(s), 8 Month(s), 11 Day(s)	Hospital OPD Identity	
Sex :	Male	IdentityCard Type:	aadhar
Caste :	General	IdentityCard Details :	
Patient's Details		Contact Person Details	
Address :		Name :	
Police Stn.:		Relation :	
Phone :		Address :	
City :			
District :	Paschim Medinipur	Relationships	
State :	West Bengal	Relationship :	Self
Country :	IN	Primary Patient ID :	
Pin :		<input type="button" value="Edit"/> <input type="button" value="Print"/>	

Patient Registration	→
Visit Patient	→
Patient Profile	→
Tele-Consultation	→

Do you want to send the login details via email/sms? <input type="button" value="Send Login Details"/>
--

At patient registration time if the create patient login is checked then, this

option will show up asking to send the login credentials to the patients via email and sms (phone and email need not be registered with the system).

A modal window titled "Enter email and phone details" with a close button (X) in the top right corner. It contains two input fields: "Email ID" and "Phone Number". Below these fields are two buttons: "Submit" (in blue) and "Close" (in white with a grey border).

3.11 Add Chief complaints, General Examinations and Upload Documents

Goto local patient queue. Then select the patient from the queue to visit the patient.

The screenshot shows the "Local Patient Queue (Of Dr B C Roy Hospital (Virtual))" interface. At the top, it says "Number of Patient(s) in Q : 28". Below this is a search bar with fields for "Patient ID", "Patient Name", and "By Date" (with "FROM" and "TO" date pickers), and a "Search" button. Below the search bar is a table of patients. The table has columns: "SNo", "Select", "PatientName", "PatientID", "Category", and "Assigned Physician". There are two rows of patients. The first row has "SNo" 1, "PatientName" "Mr. Patient Example", "PatientID" "VBCR0192202210001", and "Assigned Physician" "vbcrdoc". The second row has "SNo" 2, "PatientName" "Mr. Example Patient", "PatientID" "VBCR0192202210000", and "Assigned Physician" "vbcrdoc". A red circle highlights the "PatientID" "VBCR0192202210001" in the first row. A red arrow points from a red box containing the text "Click here to visit the patient" to the highlighted "PatientID".

SNo	Select	PatientName	PatientID	Category	Assigned Physician
1	<input type="checkbox"/>	Mr. Patient Example	VBCR0192202210001		vbcrdoc
2	<input type="checkbox"/>	Mr. Example Patient	VBCR0192202210000		vbcrdoc

NAME :Patient Example	AGE 40 Year(s), 8 Month(s), 11 : Day(s)	SEX :M	DEPARTMENT :
Under treatment :	Last Visit DATE :	Communicate :	

CHIEF COMPLAINTS

Year 2021

- Visit On 22/02/2021

GENERAL EXAMINATIONS

Upload Report

Drop Here/Select File

Description

Laboratory Name

Doctor Name

SELECT

22/02/2021

Upload

To add CHIEF COMPLAINTS click on + symbol(1). A window opens up asking for chief complaints. Upload file option can be used to upload a document with chief complaints(such as prescription/report).

Note: Atleast one chief complaint is mandatory.

CHIEF COMPLAINTS

Upload File :

Chief Complaints

1. Duration

2. Duration

3. Duration

History of Present Illness

Records here:

Recovered from viral fever 2 weeks back

Test date

Submit

To add GENERAL EXAMINATIONS click on + symbol(2). A window opens up asking for vital signs.

Vital Signs

Vital Signs

Temperature	<input type="text" value="203"/>	<input type="text" value="°F"/>
Respiratory Rate	<input type="text" value="16"/>	<input type="text" value="/minute"/>
Pulse	<input type="text" value="78"/>	<input type="text" value="/minute"/>
Blood Pressure	<input type="text" value="130"/> <input type="text" value="-"/> <input type="text" value="80"/>	
Pulse Oximeter	<input type="text" value="97"/>	<input type="text" value="%"/>
Test Date	<input type="text" value="22022021"/>	

Submit

UPLOAD REPORT(3) feature can be used to upload documents/images of different types of clinical datas.

Upload Report

doc.pdf

443.46 KB

Blood Test Report

ABC PATHLABS

Dr. S.Ghosh

Documents

22/02/2021



Upload

The following type of file formats are supported

SELECT

Blood Slides
CT Scan
Dicom Files
Documents
EEG
MRI
Movie Files
Scanned ECG
Scanned Skin Patch
Sonograms
Sound Files
Text ECG
X-Ray
Others

The vital signs and chief complaints are displayed in the system as follows:

NAME :Patient Example	AGE 40 Year(s), 8 Month(s), 12 : Day(s)	SEX :M	DEPARTMENT :
Under treatment :	Last Visit DATE :	Communicate :  	
<div>CHIEF COMPLAINTS +</div> <div> <div>Body pain 2 days</div> <div>Records</div> <div>Recovered from viral fever 2 weeks back</div> </div>		<div>Year 2021</div> <div>- Visit On 22/02/2021</div>	
<div>GENERAL EXAMINATIONS +</div> <div> <div>Temperature : 203 °F</div> <div>Respiratory Rate : 16/minute</div> <div>Pulse : 78/minute</div> <div>Blood Pressure : 130/80</div> <div>Pulse Oximeter : 97%</div> </div>			
<div>Upload Report</div> <div>Drop Here/Select File</div>			

3.12 Visit Old Patient

WELCOME, BC ROY DATA ENTRY

New Patient Registration

Old Patient Registration(Enter patient id into the textbox)

Patient Registration

Visit Patient

Patient Profile

Tele-Consultation

VBCR0192202210001

GO

Goto patient registration from left panel, then place the patient id under old patient registration and then click on GO.

Name : Patient Example Age : 40 Year(s), 8 Month(s), 12 Day(s) Category :

Old Patient Re-visit

Patient ID

vbcrdoc

VBCR0192202210001

OPD ID

Submit

From the doctors list select the doctor name and click on submit.

Name : Patient Example Age : 40 Year(s), 8 Month(s), 12 Day(s) Category :

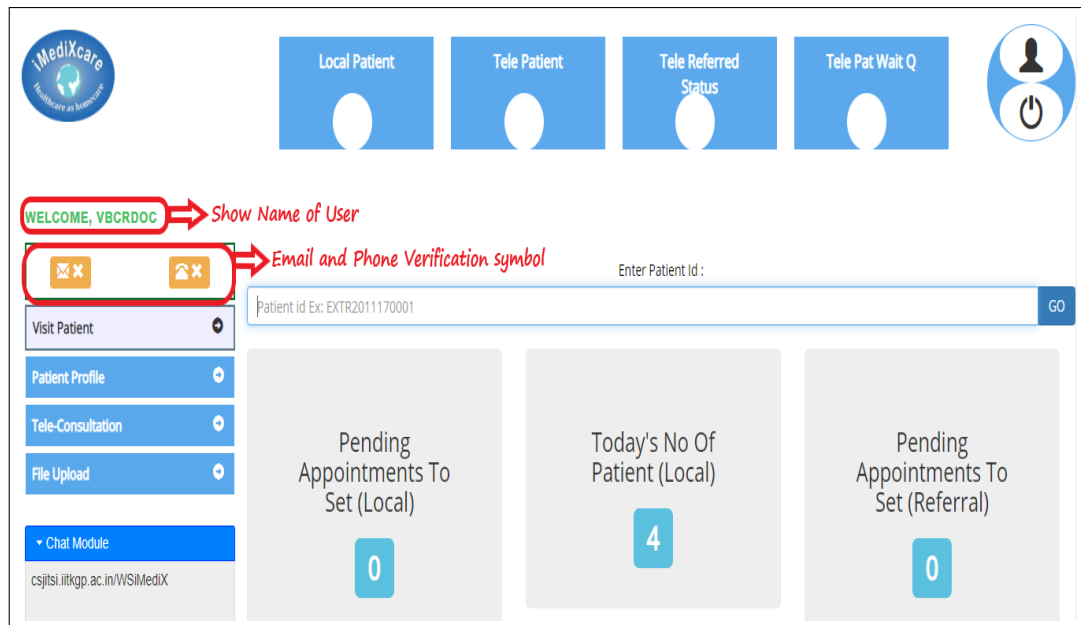
Patient has been registered and visible in local patient queue.

Now the patient will appear in the local patient queue of the doctor selected.

4 Profile : Doctor

Purpose: Doctors use this profile for treatment, tele-consultation, tele-referral, video conferencing etc.

4.1 Login



After login using the doctor profile this is the home page of doctor profile. The username of the login profile is shown as **Welcome, username**. Just below the email and phone verification symbols appear. It turns green if verified using OTP.



Here, green symbol of email tells that the email id is verified for this user in system.

The video conferencing and chat module shown here is mainly used for communicating between patients and doctors.

▼ Chat Module

csjitsi.iitkgp.ac.in/WSiMediX

Type Message

Send

▶ Video Conference Application

▶ Invite Doctors for VC

4.2 Dashboard



These are few details to help the doctors see patients at a glance.

4.3 Edit Profile

WELCOME, BC ROY ADMINISTRATOR

Edit vbcradmin's Details

USER ID: vbcradmin

Current Password? Enter Existing Password

New Password? Enter New Password (blank if no change)

Full Name: BC Roy Administrator

Address: KGP

Qualification: MBBS

Designation:

Email ID: vbcradmin@medix.itkgp.ac.i otp-em Verify Remove

Phone No: 909809090 otp-ph Verify Remove

Modify

Edit profile feature is used to add/modify the user's details.

4.4 Set Appointment

Goto local patient queue. A popup window appears if there are pending patients to set an appointment.

Pending Patient For Appointment				
<input checked="" type="checkbox"/> 05:36 ⌚ Today ▾ SET ✕				
Select	Patient ID	Patient Name	Reg. Date	Action
<input checked="" type="checkbox"/>	VBCR0192202210000	Mr. Example Patient	2021-02-22 21:39:20.0	Set Appoinment
<input checked="" type="checkbox"/>	VBCR0192202210001	Mr. Patient Example	2021-02-22 22:40:38.0	Set Appointment

To set individual patient appointments , use it as follows:

The screenshot shows the 'Pending Patient For Appointment' interface. At the top, there is a header bar with a blue background containing a checkmark icon, the time '05:36', a clock icon, a dropdown menu set to 'Today', and a 'SET' button. Below the header is a table with the following columns: 'Select', 'Patient ID', 'Patient Name', 'Reg. Date', and 'Action'. Two rows are visible in the table, both with the 'Select' checkbox checked. The first row has Patient ID 'VBCR0192202210000' and Patient Name 'Mr. Example Patient'. The second row has Patient ID 'VBCR0192202210001' and Patient Name 'Mr. Patient Example'. Both rows have a 'Set Appointment' button in the 'Action' column. A modal window titled 'Send Email Reminder' is open in the foreground. It contains two sections: '1. Appointment Date & Time' with a date picker set to '22-Feb-2021' and a time picker set to '8 Hrs 0 Minutes', and '2. Extra comments' with a text input field. At the bottom of the modal are 'Cancel' and 'Set Appointment' buttons. A red circle highlights the 'Set Appointment' button in the table's action column, with a red arrow pointing to the 'Set Appointment' button in the modal.







Select	Patient ID	Patient Name	Reg. Date	Action
<input checked="" type="checkbox"/>	VBCR0192202210000	Mr. Example Patient	2021-02-22 21:39:20.0	Set Appointment
<input checked="" type="checkbox"/>	VBCR0192202210001	Mr. Patient Example	2021-02-22 22:40:38.0	Set Appointment

To make *bulk* patient appointments for multiple patients at once use it as follows:

The screenshot shows the 'Pending Patient For Appointment' interface. At the top, there is a header bar with a blue background containing a checkmark icon, the time '05:36', a clock icon, a dropdown menu set to 'Today', and a 'SET' button. A red circle highlights the 'SET' button. Below the header is a table with the following columns: 'Select', 'Patient ID', 'Patient Name', 'Reg. Date', and 'Action'. Two rows are visible in the table, both with the 'Select' checkbox checked. The first row has Patient ID 'VBCR0192202210000' and Patient Name 'Mr. Example Patient'. The second row has Patient ID 'VBCR0192202210001' and Patient Name 'Mr. Patient Example'. Both rows have a 'Set Appointment' button in the 'Action' column. A red circle highlights the 'Select' column header and the checkboxes in the first two rows. A red circle highlights the 'Bulk Set appointment' button, which is located between the 'SET' button and the table. A red double-headed arrow points from the 'Bulk Set appointment' button to the 'SET' button.



Select	Patient ID	Patient Name	Reg. Date	Action
<input checked="" type="checkbox"/>	VBCR0192202210000	Mr. Example Patient	2021-02-22 21:39:20.0	Set Appointment
<input checked="" type="checkbox"/>	VBCR0192202210001	Mr. Patient Example	2021-02-22 22:40:38.0	Set Appointment

4.5 Visit Patient



Show	5	entries	Search:	
SNo	PatientName	PatientID	Appointment Date	Reg.Date
1	Mr. Surajit 09Feb Kundu1	VBCR0191002210001	2021-02-10 00:00:00.0	2021/02/10
2	Mr. S Das	VBCR0191405200000  	2021-02-12 19:50:56.0	2020/05/14
3	Mr. Example Patient	VBCR0192202210000  	2021-02-23 05:36:00.0	2021/02/22
4	Mr. Patient Example	VBCR0192202210001  	2021-02-23 05:36:00.0	2021/02/22
Previous 1 Next				

From local patient queue, to select any patient click on the patient id as shown above.

4.6 Make a Video Call

NAME :Patient Example	AGE 40 Year(s), 8 Month(s), 13 : Day(s)	SEX :M	DEPARTMENT :
Under treatment :	Last Visit DATE :23/02/2021	Communicate :  	

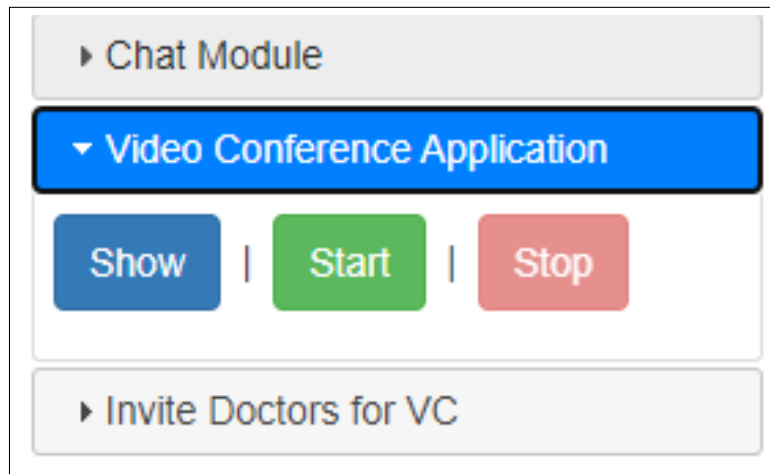
If the patient is online then video icon turns from red to green.

NAME :Patient Example	AGE 40 Year(s), 8 Month(s), 13 : Day(s)	SEX :M	DEPARTMENT :
Under treatment :	Last Visit DATE :23/02/2021	Communicate :  	

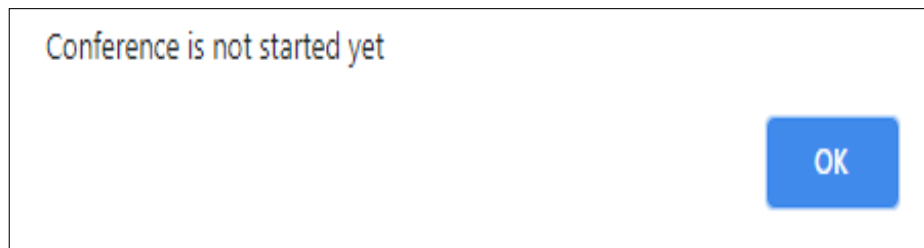
Now start the video conference from left panel video conference application.

- **Start:** Start the video conference application
- **Stop:** Stop the video conference application
- **Show:** Show the video conference application if the window is hidden.

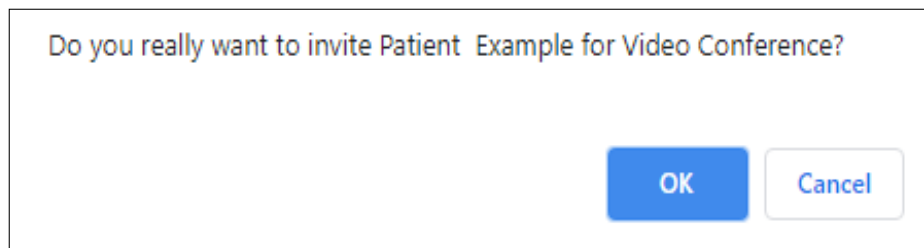
Note: The video conference window is a floating window which is movable.



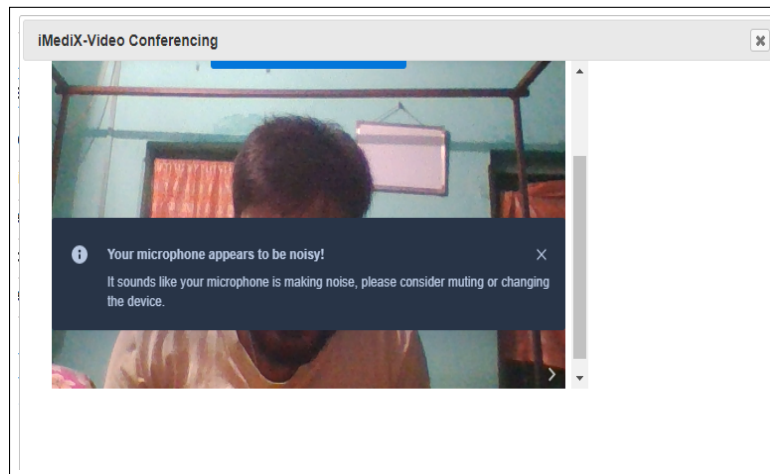
Start the video conference by clicking on the green video icon.
If the application is not started already, then a notification comes asking the user to start the video conference application.



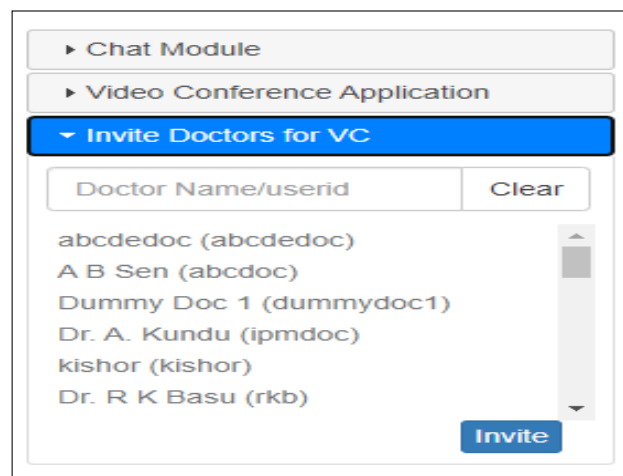
Otherwise, the patient invitation notification asks for confirmation. Click **OK** to invite the patient, **Cancel** to reject invitation.



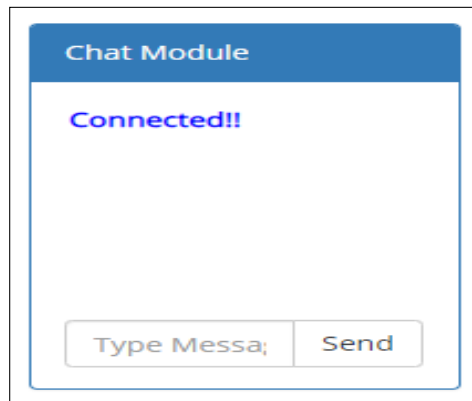
The video conferencing window opens as-



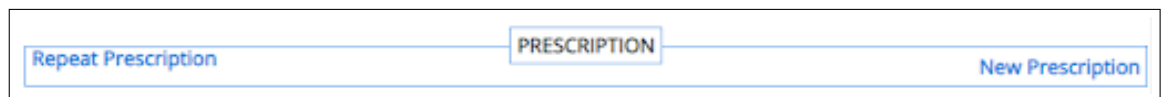
To invite other consulting doctor choose a doctor and press invite from video conference application-



The **Chat Module** can be used for text message purpose between doctor and patient-



4.7 Prescribe



Click on new prescription to create a new prescription, and a window opens up with necessary fields for prescription. A drug database is integrated with our system where all standard medicines are included. While adding a drug to the prescription a suggestion by text appears, suggesting all possible drugs from the database.

Prescription

DIAGNOSIS

Body ache due to weakness.

ADVICE

Sleep atleast 8-9 hours everyday and maintain proper diet

Course Of Medicine

Drug Suggestion

Sl No.	Drug(s)	Quantity	Dose	Duration	Comments
1	para				
2	Acceclofencac 100mg + Paracetamol 325mg				
3	Liquid Paraffin I.P. (Heavy)				
3	Multistrips- 8 Parameter (Alb				
4	Paracetamol 325 mg + Ibuprofen 400 mg Tab.				
4	Paracetamol Drops IP 100mg/ml (phial of 15 ml) with dropper in a mono carton.				
5	Paracetamol I.P. 125 mg. Tab.				
5	Paracetamol I.P. 500 mg. Tab.				
	Paracetamol I.P. 650 mg. Tab. (Scored)				

ACCEPT

Continue

After entering the drug names click on ACCEPT to confirm the drugs selected.

Course Of Medicine

Sl No.	Drug(s)	Quantity	Dose	Duration	Comments	Delete
1	Paracetamol I.P.	10 tablet	2	5 days	fever	X
2	Multivitamin Tab	20 tablet	2	10 days	vitamin	X

Add More

Use add more to add more drugs if necessary. And delete option can be used to remove any drug if not required. Finally, click on continue to save the prescription.

Repeat Prescription PRESCRIPTION New Prescription

Dr B C Roy Hospital (Virtual) (Nodal Prescription)

DIAGNOSIS

Body ache due to weakness.

ADVICE

Sleep atleast 8-9 hours everyday and maintain proper diet

MEDICINE

Drugs	Quantity	Dose	Duration	Comments
Paracetamol I.P. 500 mg. Tab.	10 tablet	2	5 days	fever
Multivitamin Tab NFI Formula	20 tablet	2	10 days	vitamin

Appointment Date 23-02-2021
Entry Date 23-02-2021

VBCRDOC
 Computer Generated Documents need not be Signed

Mail to Patient *Print Prescription*

After successfully creating the prescription it appears as above. Prescription has two options, to email and to print the prescriptions. Email option will send an email to the patient with a pdf version of the prescription. The pdf version of the prescription is shown below-

Dr. VBCRDOC		Regn.No.:lamADOCTOR		Ph:9999999999																
Dr B C Roy Hospital (Virtual) (Telemedicine Prescription)																				
Patient Information																				
NAME : Patient Example		Patient Id : VBCR0192202210001																		
SEX : Male		Reg. Date : 22-02-2021																		
AGE : 40 Year(s), 8 Month(s), 12 Day(s)		Visit No : 2																		
Local Hospital : Dr B C Roy Hospital (Virtual)		Visit Date : 23-02-2021																		
Referral Hospital : *****		Time : 6:27 AM																		
Department : General Medical		Day : Tuesday																		
Doctor : vberdoc																				
Clinical Notes (22-02-2021)																				
Temperature	Respiratory Rate	Pulse	Blood Pressure	Pulse Oximeter																
203	16	78	130/80	97																
Symptoms (10-02-2021)																				
Body pain				2 days																
Records				Recovered from viral fever 2 weeks back																
DIAGNOSIS																				
Body ache due to weakness.																				
ADVICE																				
Sleep atleast 8-9 hours everyday and maintain proper diet																				
MEDICINE																				
1/2																				
02/3/2021																				
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Drugs</th> <th>Quantity</th> <th>Dose</th> <th>Duration</th> <th>Comments</th> </tr> </thead> <tbody> <tr> <td>Paracetamol I.P. 500 mg. Tab.</td> <td>10 tablet</td> <td>2</td> <td>5 days</td> <td>fever</td> </tr> <tr> <td>Multivitamin Tab NFI Formula</td> <td>20 tablet</td> <td>2</td> <td>10 days</td> <td>vitamin</td> </tr> </tbody> </table>						Drugs	Quantity	Dose	Duration	Comments	Paracetamol I.P. 500 mg. Tab.	10 tablet	2	5 days	fever	Multivitamin Tab NFI Formula	20 tablet	2	10 days	vitamin
Drugs	Quantity	Dose	Duration	Comments																
Paracetamol I.P. 500 mg. Tab.	10 tablet	2	5 days	fever																
Multivitamin Tab NFI Formula	20 tablet	2	10 days	vitamin																
Appointment Date 23-02-2021				VBCRDOC																
Entry Date 23-02-2021				Computer Generated Documents need not be Signed																

NOTE: Use repeat prescription in the prescription menu to prescribe/repeat the last prescription.

4.8 Advise Test

ADVISE FOR INVESTIGATIONS

Radiology

Pathology

SELECT

SELECT

NO	TYPE	NAME	DESCRIPTION	ACTION
				+

Select Test Specifics

Add Test

There are two types of advice for investigations- Radiology and Pathology.

Pathology		SELECT
NO	TY	SELECT
		Bilirubin
		Glucose
		SGPT
		SGOT
		Creatinine
		Uric Acid
		Total Cholestrol
		HDL
		LDL
		Triglyceride
		Haemoglobin
		Urine

Radiology		SELECT
Pathology		SELECT
NO	TY	X-RAY
		MRI
		CT-SCAN

After selecting test from dropdown List , Test Name has to be entered which also has an integrated test suggestion list. Finally select and add the tests .

Radiology	X-RAY
Pathology	SELECT

- CR-X-RAY L.S.SPINE AP/LAT
- CR-X-RAY RT. ORBIT AP/LAT
- CR-X-RAY MANDIBLE
- CR-X-RAY MANDIBLE AP/OBL
- CR-X-RAY MANDIBLE TRUE LAT
- CR-X-RAY MANUBRIUM STERNAL LAT/OBL
- CR-X-RAY MASTOID LAT/OBL(LAT/OBL(LT,RT))

ADVICE FOR INVESTIGATIONS

Radiology

SELECT

Pathology

SELECT

Test name

NO	TYPE	NAME	DESCRIPTION	ACTION	
1	Pathology	URIC ACID	Uric Acid		
2	Radiology	CT SCAN	CT SCAN OF NECK		

Advice

Click on the advice button to advise the tests finally.

Advised Investigation				Print
TEST NAME	DESCRIPTION	REFERRED BY	Report	STATUS
URIC ACID	Uric Acid	vbcrdoc		P
CT SCAN	CT SCAN OF NECK	vbcrdoc		P

4.9 Tele Referral

Visit Patient

Patient Profile

Tele-Consultation

File Upload

Chat Module

csjitsi.iitkgp.ac.in/WSiMediX

Type Message

Send

NAME :Example Patient
Under treatment :

AGE :31 Year(s), 16 Day(s)

SEX :M
Last Visit DATE :

DEPARTMENT :
Communicate :

CHIEF COMPLAINTS +

GENERAL EXAMINATIONS +

Upload Report

Drop Here/Select File

Description

Laboratory Name

Doctor Name

SFI FCT

Repeat Prescription

PRESCRIPTION

New Prescription

ADVICE FOR INVESTIGATIONS

Radiology

SELECT

Pathology

SELECT

NO	TYPE	NAME	DESCRIPTION	ACTION	

Year 2021
- Visit On 22/02/2021

From the left panel select tele consultation, then click on continue.

40

Name : Example Patient	Age : 31 Year(s), 16 Day(s)	Category :	Continue
------------------------	-----------------------------	------------	--------------------------

Enter Patient Id :
[GO](#)

Name : Example Patient	Age : 31 Year(s), 16 Day(s)	Category :
------------------------	-----------------------------	------------

Teleconsultation Request

Hospital Name	Dr B C Roy Hospital (Virtual)	▼
Department *	General Medical	▼
Doctor Name	Dummy Doc 1	▼

[Submit](#)

Select the department and doctor name to whom the patient is sent for teleconsultation and submit.

BACK

Patient has been referred for tele-consultation

Patient Id	VBCR0192202210000
Centre Name	Dr B C Roy Hospital (Virtual)
Doctor Name	Dummy Doc 1

Send Email Reminder ✕

1. Appointment Date & Time

Date:

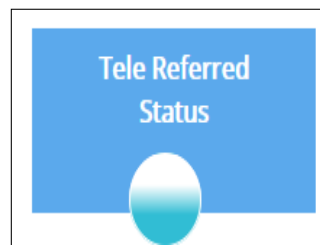
Time: Hrs Minutes

2. Extra comments

Cancel Set Appointment

Then if required a followup consultation can be set by the local doctor (if required).

Patients referred for teleconsultation appears in tele referred status queue.



[Withdraw/Remove](#)

Tele Patient Status

ALL
Waiting
Accepted
Rejected
Advised

Show entries
Search:

SNo	Select	PatientName	PatientID	Summary	Category	EntryDate	Referred Physician	Status
1	<input type="checkbox"/>	Mr. Example Patient	VBCR0192202210000	Summary		2021/02/23	Dummy Doc 1	A
2	<input type="checkbox"/>	Mr. test2 test2 test2	VBCR0192105200001	Summary		2020/05/23	Dr N Mitra	D

Now login with referred doctor and goto tele patient wait queue.



Tele Patient wait Queue(of Dr B C Roy Hospital (Virtual))

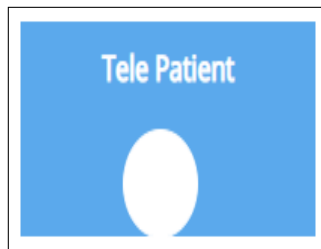
☐ Select All
Accept
Reject

Show entries
Search:

SNo	Select	PatientName	PatientID	Summary	Category	EntryDate	Referring Physician
1	<input checked="" type="checkbox"/>	Mr. Example Patient	VBCR0192202210000	Summary		23/02/2021	vbcrdoc
2	<input type="checkbox"/>	Mr. Test 15 12 SK	VBCR0191512200000	Summary		15/12/2020	testdoco

[Previous](#)
1
[Next](#)

Select the patient and then click on accept button to accept the patient for tele consultation, and click on reject to decline the patient for tele consultation. Now goto tele patient queue and set the appointment similar to local patient queue.



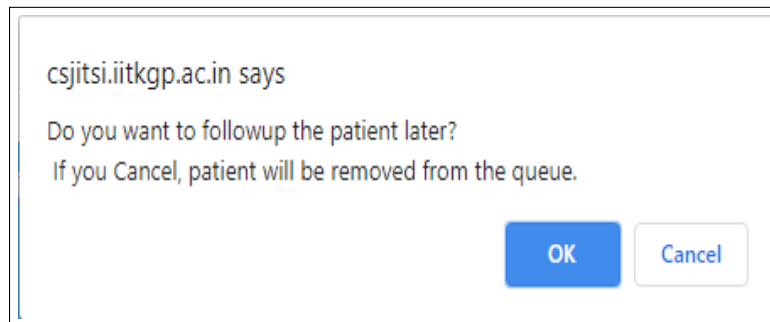
Pending Patient For Appointment				
<input checked="" type="checkbox"/>	08:16	Today	SET	
Select	Patient ID	Patient Name	Reg. Date	Action
<input checked="" type="checkbox"/>	VBCR0192202210000	Mr. Example Patient	2021-02-23 07:41:22.0	Set Appointment

Now from tele patient queue visit the patients in same way discussed above.

4.10 Remove Patient from Local Patient Queue

NAME : Surajit 09Feb Kundu1 AGE : 27 Year(s), 6 Month(s), 4 Day(s) SEX : M DEPARTMENT : Under treatment : Last Visit DATE : 10/02/2021 Communicate :				Next Patient
CHIEF COMPLAINTS + 10/02/2021-1 Headache 2 days		PRESCRIPTION Repeat Prescription New Prescription Dr B C Roy Hospital (Virtual) (Nodal Prescription)		
GENERAL EXAMINATIONS + Temperature : 101 °F		DIAGNOSIS Patient is suffering from high fever with headache		
		ADVICE Take rest and drink plenty of water.		

Click on next patient button. A pop-up opens up asking whether to keep the patient. If clicked on **Cancel**, the patient is removed from the local patient queue.

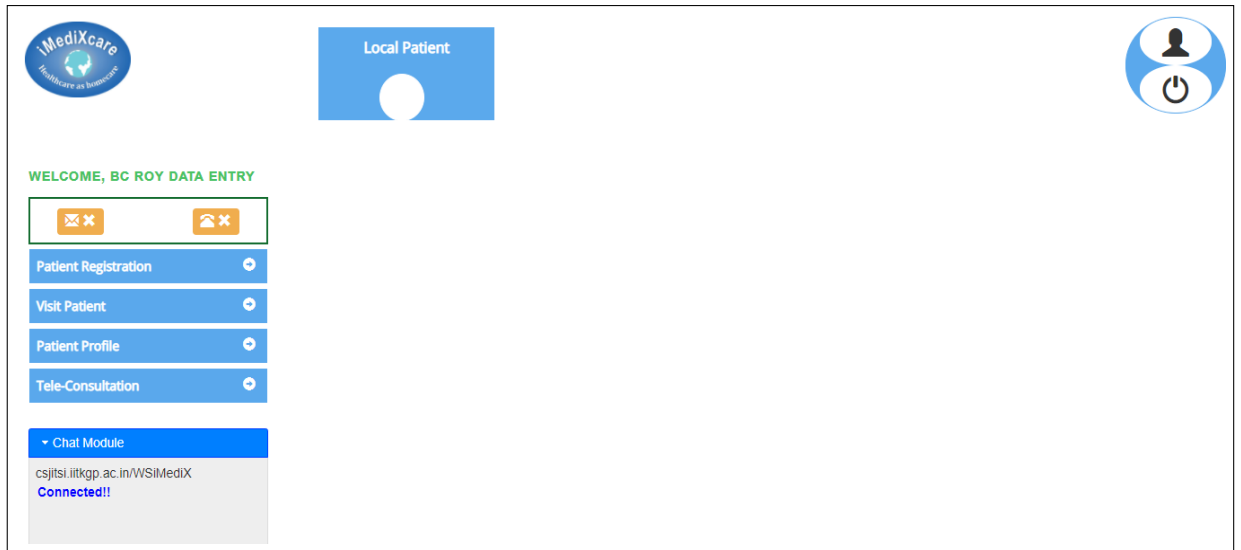


If clicked on **OK** the next patient in the queue is visited without removing the current patient.

5 Profile : Data Entry Operator

Purpose: Data entry operator performs similar tasks as a hospital receptionist. This profile can be used to create patients and make visits to a doctor.

5.1 Login



After login using the data entry operator profile this is the home page of data entry operator profile.

The username of the login profile is shown as **Welcome, username.**

Just below the email and phone verification symbols appear. It turns green if verified using OTP.



Here, green symbol of email tells that the email id is verified for this user in system. The video conferencing and chat module shown here is mainly used for communicating between patients and doctors.

5.2 Edit Profile

The screenshot shows the iMediXcare Admin Dashboard. At the top, there are four buttons: 'Local Patient', 'Tele Patient', 'Tele Referred Status', and 'Admin Jobs'. On the right, there is a user profile icon with a red circle and an arrow pointing to it labeled 'Edit Profile'. The main content area is titled 'Edit vbcradmin's Details' and contains a form with the following fields:

- USER ID: vbcradmin
- Current Password?: Enter Existing Password
- New Password?: Enter New Password (blank if no change)
- Full Name: BC Roy Administrator
- Address: KGP
- Qualification: MBBS
- Designation: (empty)
- Email ID: vbcradmin@medix.illkgp.ac.in (otp-em) [Verify] [Remove]
- Phone No: 909809090 (otp-ph) [Verify] [Remove]
- Modify button

On the left sidebar, there is a 'WELCOME, BC ROY ADMINISTRATOR' section with a list of links: Patient Registration, Visit Patient, Patient Profile, Tele Consultation, and a Chat Module.

Edit profile feature is used to add/modify the user's details.

5.3 OPD Registration

First click on patient registration(1) from the left panel and then click on new patient registration(2) .

The screenshot shows the iMediXcare Admin Dashboard. At the top, there is a 'Local Patient' button. On the right, there is a user profile icon. The main content area is titled 'WELCOME, BC ROY DATA ENTRY' and contains a form with the following fields:

- Patient Registration (highlighted with a red circle and labeled 1)
- Visit Patient
- Patient Profile
- Tele Consultation
- Chat Module

Below the sidebar, there is a 'New Patient Registration' button (highlighted with a red circle and labeled 2) and a 'GO' button. The form also includes a 'Patient id Ex: EXTR2011170001' field.

Then select a doctor from the list of doctors(3).

List of Doctors : Dr B C Roy Hospital (Virtual)

(Click on **Doctor Name** to proceed)
Download Consent Form: [Bengali Version](#) [English Version](#)

Dr B C Roy Hospital (Virtual)	
Doctor Name : Dr N Mitra	General Medical
Doctor Name : Dummy Doc 1	General Medical
Doctor Name : testdococt	General Medical
Doctor Name : VBCR019 Doc	General Medical
Doctor Name : vbcrdoc	General Medical

➡ 3

Fill up the details of the patient in the form provided. Check on create patient login(4) in order to create a login account for the patient, if not required then uncheck create patient login(4).

Note: Login account for patient has same login userid and password which is the system generated patient ID.

After filling up the patient information form click on the submit(5) button to save and submit the details. Reset button will clear all the fields of form.

Note: *(star) mark fields are mandatory fields.

PATIENT'S INFORMATION

Mr.

First Name

Middle Name

Surname

Choose Religion

Marital status

Caste Category

Male

Hospital OPD Identity

Hospital OPD Identity

* Date of birth

DOB not known? ☐

Personal Identity

ID-Type

Aadhar-Card

Id No

Family Relationship

Relationship

Self

Patient's Details

Address of Patient

Police Station

Phone Number

City

Select District

* West Bengal

India

PinCode

Contact Person Details

Name of Contact Person

Realtion with Patient


Address Of contact Person

*(star) mark is mandatory field.

☒ Create Patient Login (Login password is same as patient ID) ➡ 4

Submit ➡ 5 Reset

Patient information will show up confirming patient creation and list all the patient details which can be edited with EDIT option or printed with PRINT option. The same details can be again generated using patient profile option in left panel using the patient id.

Patient's Information																																											
Patient name :	Mr. Patient Example	Reg. Date :	22-02-2021																																								
Doctor Name :	vbcrdoc	 VBCR0192202210001																																									
<table border="1"> <thead> <tr> <th colspan="2">Patient ID :</th> <th colspan="2">Marital Status :</th> </tr> </thead> <tbody> <tr> <td>VBCR0192202210001</td> <td></td> <td>Nevermarried</td> <td></td> </tr> <tr> <td colspan="2">Age group :</td> <td colspan="2">Religion :</td> </tr> <tr> <td>adult</td> <td></td> <td>Hinduism</td> <td></td> </tr> <tr> <td colspan="2">Age :</td> <td colspan="2">Hospital OPD Identity</td> </tr> <tr> <td>40 Year(s), 8 Month(s), 11 Day(s)</td> <td></td> <td colspan="2"></td> </tr> <tr> <td colspan="2">Sex :</td> <td colspan="2">IdentityCard Type:</td> </tr> <tr> <td>Male</td> <td></td> <td colspan="2">aadhar</td> </tr> <tr> <td colspan="2">Caste :</td> <td colspan="2">IdentityCard Details :</td> </tr> <tr> <td>General</td> <td></td> <td colspan="2"></td> </tr> </tbody> </table>				Patient ID :		Marital Status :		VBCR0192202210001		Nevermarried		Age group :		Religion :		adult		Hinduism		Age :		Hospital OPD Identity		40 Year(s), 8 Month(s), 11 Day(s)				Sex :		IdentityCard Type:		Male		aadhar		Caste :		IdentityCard Details :		General			
Patient ID :		Marital Status :																																									
VBCR0192202210001		Nevermarried																																									
Age group :		Religion :																																									
adult		Hinduism																																									
Age :		Hospital OPD Identity																																									
40 Year(s), 8 Month(s), 11 Day(s)																																											
Sex :		IdentityCard Type:																																									
Male		aadhar																																									
Caste :		IdentityCard Details :																																									
General																																											
<p>Patient's Details</p> <table border="1"> <tr><td>Address :</td><td></td></tr> <tr><td>Police Stn.:</td><td></td></tr> <tr><td>Phone :</td><td></td></tr> <tr><td>City :</td><td></td></tr> <tr><td>District :</td><td>Paschim Medinipur</td></tr> <tr><td>State :</td><td>West Bengal</td></tr> <tr><td>Country :</td><td>IN</td></tr> <tr><td>Pin :</td><td></td></tr> </table>		Address :		Police Stn.:		Phone :		City :		District :	Paschim Medinipur	State :	West Bengal	Country :	IN	Pin :		<p>Contact Person Details</p> <table border="1"> <tr><td>Name :</td><td></td></tr> <tr><td>Relation :</td><td></td></tr> <tr><td>Address :</td><td></td></tr> </table> <p>Relationships</p> <table border="1"> <tr> <td>Relationship :</td> <td>Self</td> </tr> <tr> <td>Primary Patient ID :</td> <td></td> </tr> </table>		Name :		Relation :		Address :		Relationship :	Self	Primary Patient ID :															
Address :																																											
Police Stn.:																																											
Phone :																																											
City :																																											
District :	Paschim Medinipur																																										
State :	West Bengal																																										
Country :	IN																																										
Pin :																																											
Name :																																											
Relation :																																											
Address :																																											
Relationship :	Self																																										
Primary Patient ID :																																											
Edit		Print																																									

Patient Registration	→
Visit Patient	→
Patient Profile	→
Tele-Consultation	→

<p>Do you want to send the login details via email/sms?</p>	Send Login Details
---	------------------------------------

At patient registration time if the create patient login is checked then, this option will show up asking to send the login credentials to the patients via email and sms (phone and email need not be registered with the system).

A modal window titled "Enter email and phone details" with a close button (X) in the top right corner. It contains two input fields: "Email ID" and "Phone Number". Below these fields are two buttons: "Submit" (in blue) and "Close" (in white with a grey border).

5.4 Add Chief complaints, General Examinations and Upload Documents

Goto local patient queue. Then select the patient from the queue to visit the patient.

The screenshot shows the "Local Patient Queue (Of Dr B C Roy Hospital (Virtual))" interface. At the top, it says "Number of Patient(s) in Q : 28". Below this is a search bar with fields for "Patient ID", "Patient Name", and "By Date" (FROM and TO with calendar icons), and a "Search" button. Below the search bar is a table of patients. The table has columns: SNo, Select, PatientName, PatientID, Category, and Assigned Physician. There are two rows of patients. A red circle highlights the "PatientID" "VBCR0192202210001" in the first row, and a red arrow points to it from a red box containing the text "Click here to visit the patient".

SNo	Select	PatientName	PatientID	Category	Assigned Physician
1	<input type="checkbox"/>	Mr. Patient Example	VBCR0192202210001		vbcrdoc
2	<input type="checkbox"/>	Mr. Example Patient	VBCR0192202210000		vbcrdoc

NAME :Patient Example	AGE 40 Year(s), 8 Month(s), 11 : Day(s)	SEX :M	DEPARTMENT :
Under treatment :	Last Visit DATE :	Communicate :	

CHIEF COMPLAINTS

GENERAL EXAMINATIONS

Upload Report

Drop Here/Select File

Description

Laboratory Name

Doctor Name

SELECT

22/02/2021

Upload

Year 2021

- Visit On 22/02/2021

To add CHIEF COMPLAINTS click on + symbol(1). A window opens up asking for chief complaints. Upload file option can be used to upload a document with chief complaints(such as prescription/report).

Note: Atleast one chief complaint is mandatory.

CHIEF COMPLAINTS

Upload File :

Chief Complaints

1. Duration

2. Duration

3. Duration

History of Present Illness

Records here:

Recovered from viral fever 2 weeks back

Test date

Submit

To add GENERAL EXAMINATIONS click on + symbol(2). A window opens up asking for vital signs.

Vital Signs

Vital Signs

Temperature	<input type="text" value="203"/>	<input type="text" value="°F"/>
Respiratory Rate	<input type="text" value="16"/>	<input type="text" value="/minute"/>
Pulse	<input type="text" value="78"/>	<input type="text" value="/minute"/>
Blood Pressure	<input type="text" value="130"/> <input type="text" value="-"/> <input type="text" value="80"/>	
Pulse Oximeter	<input type="text" value="97"/>	<input type="text" value="%"/>
Test Date	<input type="text" value="22022021"/>	

Submit

UPLOAD REPORT(3) feature can be used to upload documents/images of different types of clinical datas.

Upload Report

doc.pdf

443.46 KB

Blood Test Report

ABC PATHLABS

Dr. S.Ghosh

Documents

22/02/2021



Upload

The following type of file formats are supported

SELECT

Blood Slides
CT Scan
Dicom Files
Documents
EEG
MRI
Movie Files
Scanned ECG
Scanned Skin Patch
Sonograms
Sound Files
Text ECG
X-Ray
Others

The vital signs and chief complaints are displayed in the system as follows:

NAME :Patient Example	AGE 40 Year(s), 8 Month(s), 12 : Day(s)	SEX :M	DEPARTMENT :
Under treatment :	Last Visit DATE :	Communicate :  	

CHIEF COMPLAINTS +

Body pain 2 days

Records

Recovered from viral fever 2 weeks back

GENERAL EXAMINATIONS +

Temperature : 203 °F

Respiratory Rate : 16/minute

Pulse : 78/minute

Blood Pressure : 130/80

Pulse Oximeter : 97%

Upload Report

Drop Here/Select File

Year 2021

- Visit On 22/02/2021

5.5 Visit Old Patient

WELCOME, BC ROY DATA ENTRY

New Patient Registration

Old Patient Registration(Enter patient id into the textbox)

Patient Registration

Visit Patient

Patient Profile

Tele-Consultation

VBCR0192202210001

GO

Goto patient registration from left panel, then place the patient id under old patient registration and then click on GO.

Name : Patient Example Age : 40 Year(s), 8 Month(s), 12 Day(s) Category :

Old Patient Re-visit

Patient ID

vbcrdoc

VBCR0192202210001

OPD ID

Submit

From the doctors list select the doctor name and click on submit.

Name : Patient Example Age : 40 Year(s), 8 Month(s), 12 Day(s) Category :

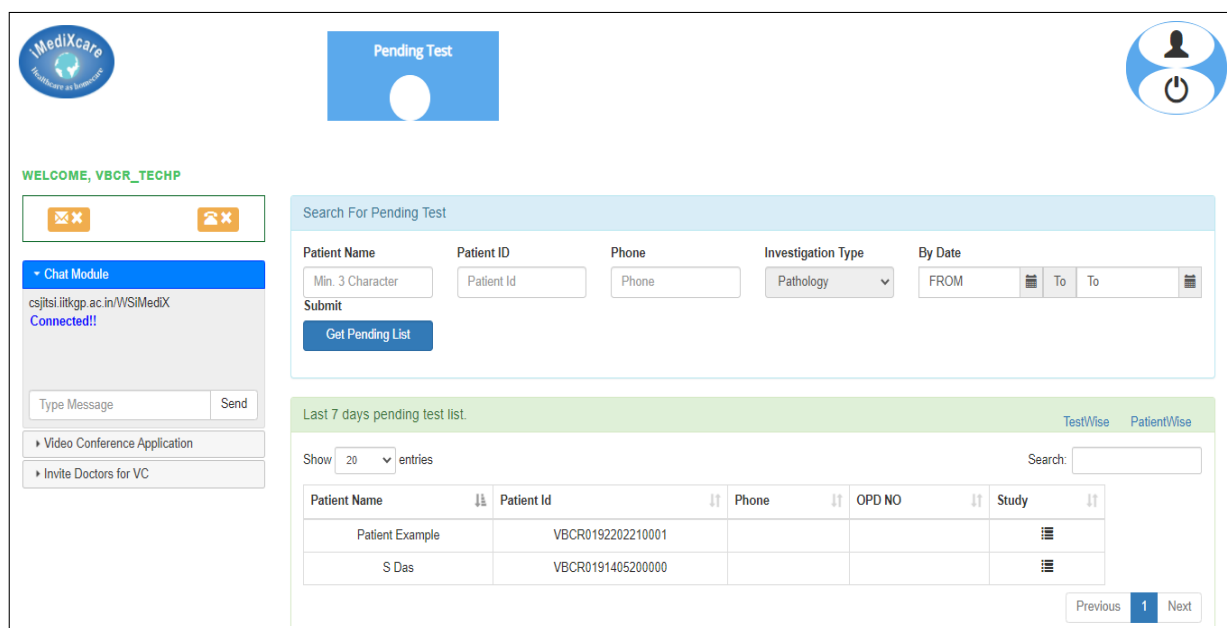
Patient has been registered and visible in local patient queue.

Now the patient will appear in the local patient queue of the doctor selected.

6 Profile : Pathology Technician Operator

Purpose: Pathology technician laboratory operator use this profile for browsing the Tests and upload the test reports for the completed tests in laboratory which is reflected to both doctor and patient side.

6.1 Login



The screenshot shows the user interface of the Pathology Technician Operator profile. At the top left is the iMediXcare logo. In the center top is a blue box labeled "Pending Test" with a white circle. At the top right is a user profile icon. Below the logo, a green message says "WELCOME, VBCR_TECHP". On the left side, there is a chat module with a "Chat Module" header, a status "csjtsi.iiitkgp.ac.in/WSiMediX Connected!!", a text input field "Type Message", and a "Send" button. Below the chat module are links for "Video Conference Application" and "Invite Doctors for VC". The main area has a "Search For Pending Test" section with fields for "Patient Name" (with a "Min. 3 Character" hint), "Patient ID", "Phone", "Investigation Type" (a dropdown menu set to "Pathology"), and "By Date" (with "FROM" and "To" fields). A "Submit" button and a "Get Pending List" button are below these fields. Below the search section is a "Last 7 days pending test list" section with a "Show 20 entries" dropdown and a "Search:" input field. The table below has columns: "Patient Name", "Patient Id", "Phone", "OPD NO", and "Study". The first two rows are "Patient Example" with ID "VBCR0192202210001" and "S Das" with ID "VBCR0191405200000". At the bottom right of the table are "Previous", "1", and "Next" buttons.

Patient Name	Patient Id	Phone	OPD NO	Study
Patient Example	VBCR0192202210001			
S Das	VBCR0191405200000			

After login using the pathology technician lab operator profile this is the home page of pathology technician lab operator profile. The username of the login profile is shown as **Welcome, username**. Just below the email and phone verification symbols appear. It turns green if verified using OTP.



Here, green symbol of email tells that the email id is verified for this user in system.

6.2 Edit Profile

WELCOME, BC ROY ADMINISTRATOR

Chat Module
csjtsi.itkgp.ac.in/VSMedix

Type Message

Edit vbcradmin's Details

USER ID: vbcradmin

Current Password?

New Password?

Full Name

Address

Qualification

Designation


Email ID

Phone No

Edit profile feature is used to add/modify the user's details.

6.3 Browse and Upload Patient Test reports

Pending Test



Search For Pending Test

Patient Name

Min. 3 Character

Patient ID

Patient Id

Phone

Phone

Investigation Type

Pathology

By Date

FROM

To

To

Submit

Get Pending List

Last 7 days pending test list.

TestWise PatientWise

Show 20 entries

Search:

Patient Name	Patient Id	Phone	OPD NO	Study
Patient Example	VBCR0192202210001			
S Das	VBCR0191405200000			

Previous 1 Next




The pending tests can be searched by patient name, patient id, date and phone number. In the above figure the list is displayed patient wise.

Last 7 days pending test list.

TestWise PatientWise

Show 20 entries

Search:

Patient Name	Phone	Test Id	Test Name	Description	Referred By	Entrydate	Upload Test Report
Patient Example		VBCR019220221000110002	TOTAL CHOLESTROL	Total Cholestrol	vbcadmin	2021-02-23	
Patient Example		VBCR019220221000110003	URIC ACID	Uric Acid	vbcadmin	2021-02-23	
S Das		VBCR019140520000010000	URIC ACID	Uric Acid	vbcdoc	2021-02-23	

Previous 1 Next

Here in above figure list appears testwise.



To upload a test report click on the marked icon above. Using this interface the files can be uploaded for each test and saved. Multiple files can also be uploaded from here, which can be viewed from the patient side and doctor side.

7 Profile : Patient

Purpose: Patient profile is used for adding family members, video conferencing and viewing prescriptions along with other clinical records.

7.1 Login

ADD FAMILY MEMBER

Relationship With Primary Account Holder

Patient	Self
Patient Daughter	Daughter
Patient Son	Son

After login using the patient profile the patient account needs to be chosen among the family accounts.

ADD FAMILY MEMBER 2

WELCOME, PATIENT

NAME : Patient Example AGE : 40 Year(s), 8 Month(s), 14 Day(s) SEX : M DEPARTMENT :

Under treatment : vbcrdoc Last Visit DATE : 23/02/2021 Communicate :

CHIEF COMPLAINTS

Body pain 2 days

Records

Recovered from viral fever 2 weeks back

GENERAL EXAMINATIONS

Temperature : 203 °F
Respiratory Rate : 16/minute
Pulse : 78/minute

Year 2021

- + Visit On 23/02/2021
- + Visit On 22/02/2021

Visit Wise Information display

Chat Module

Type Message Send

Video Conference

Show Stop

This is the home page of patient profile.

The username of the login profile is shown as **Welcome, username.**

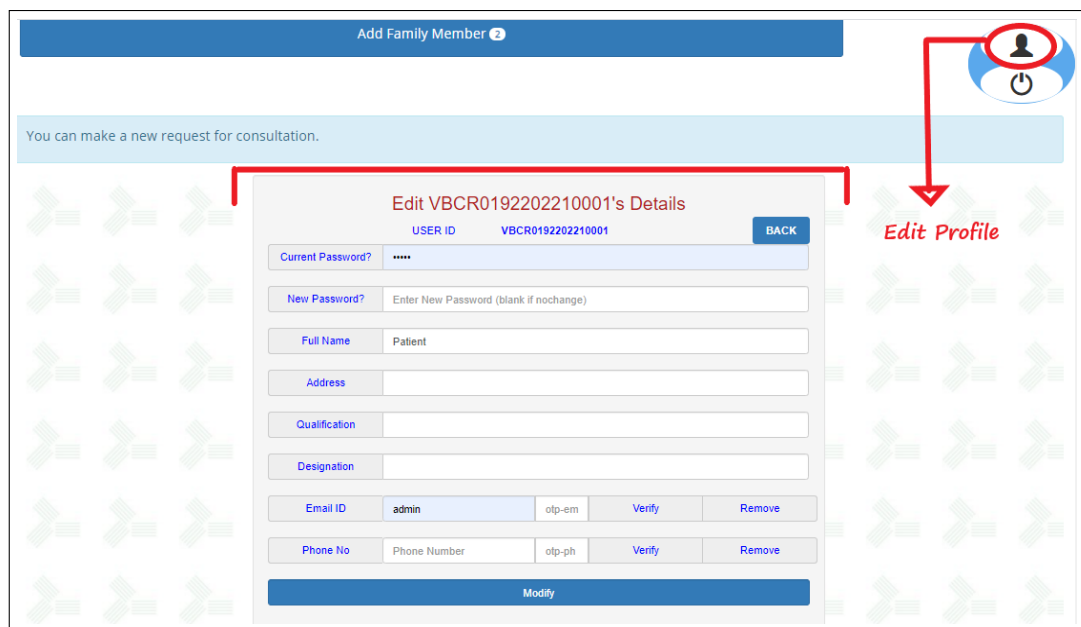
Just below the email and phone verification Symbols appear. It turns green if verified using OTP.



Here, green symbol of email tells that the email id is verified for this user in system.

The Chief Complaint, General Examinations and Prescriptions can be viewed here visit wise.

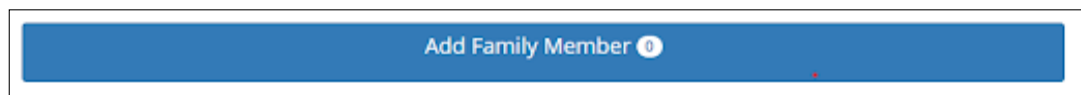
7.2 Edit Profile



The screenshot shows a web interface for editing a user profile. At the top, there's a blue header bar with the text 'Add Family Member' and a question mark icon. Below this is a light blue banner with the text 'You can make a new request for consultation.' The main content area is a form titled 'Edit VBCR0192202210001's Details'. The form includes a 'USER ID' field with the value 'VBCR0192202210001' and a 'BACK' button. The form has several input fields: 'Current Password?' (masked with asterisks), 'New Password?' (with a hint 'Enter New Password (blank if nochange)'), 'Full Name' (with the value 'Patient'), 'Address', 'Qualification', and 'Designation'. Below these are two rows for contact information: 'Email ID' (with the value 'admin') and 'Phone No' (with the value 'Phone Number'). Each row has buttons for 'otp-em', 'Verify', and 'Remove'. At the bottom of the form is a blue 'Modify' button. A red arrow points from the user profile icon in the top right corner to the text 'Edit Profile'.

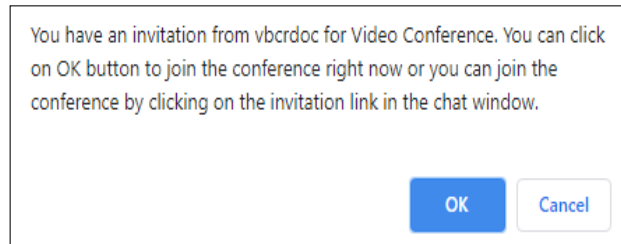
Edit profile feature is used to add/modify the user's details.

7.3 Add Family Members

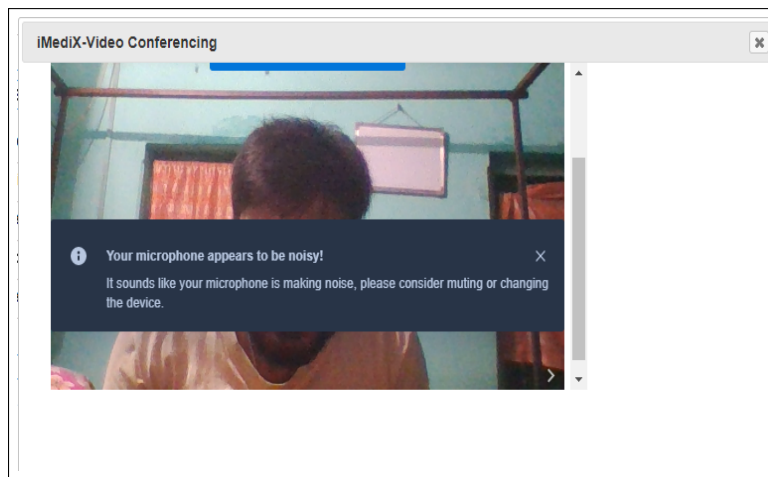


The screenshot shows a blue button with the text 'Add Family Member' and a question mark icon.

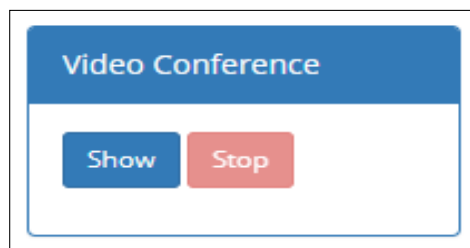
conference request and the patient needs to accept this to start the video conference. The conference message appears as-



On accepting video conference request the video conference window opens up as follows-



The patient side video conference application has the following options-



- **Stop:** Stop the video conference application
- **Show:** Show the video conference application if the window is hidden.

The **Chat Module** can be used for text message purpose between doctor and patient-

Chat Module

Connected!!

Type Message

Send

Contact Us-

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