

# Jiyyo Research Documentation

- *Automate your data collection*

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Version 1.1

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## Purpose

The questionnaire module supports the data collection functionality

The user can create a questionnaire and share the same with patients to respond with answers or can add it himself.

# Users

Any researcher, doctor, institutes, or pharma firms doing a study involving humans can use this platform to create a study-specific questionnaire and collect data.

## How to use Jiyyo Research for Data Collection

Its a 4 steps process

1. Create an account as Researcher on [www.jiyyo.com](http://www.jiyyo.com)
2. Login to [www.jiyyo.com](http://www.jiyyo.com) and Create a questionnaire via web as per given the instructions below and **Publish your questionnaire, Please note a published questionnaire is shared automatically with existing patient and newly added patient.**
3. Download Jiyyo App from Playstore ( Android phones only)  
<https://play.google.com/store/apps/details?id=com.androidwebview.jiyyo>
4. Login to app and add patients to fill the questionnaire per patient. Questionnaire can be filled using website also.

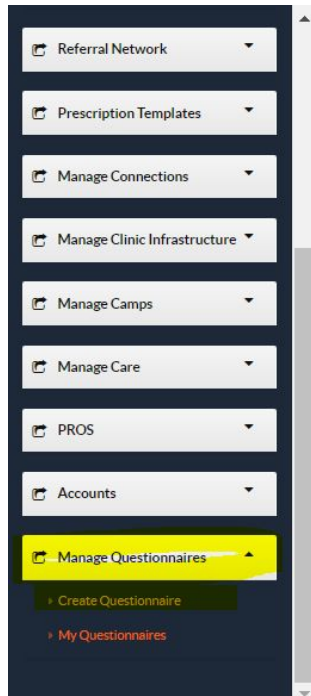
## Watch Video Tutorial here

<https://www.youtube.com/watch?v=s10XCHyT7H4>

## Questionnaire

A questionnaire is a set of questions grouped into one or more forms.

# Create a Questionnaire



## Create Questionnaire ✕

Questionnaire Title \*

Category

Short Description \*

Description

\* Indicated fields are required.

(\* denotes the mandatory fields)

Property	Description
Questionnaire Title *	Title of the questionnaire which would be displayed on the listing page and will be shown to the user filling the questionnaire
Short Description*	Provide a short description, purpose, details of the questionnaire

## Form Builder (Add Form)

The **form** is a set of questions. A questionnaire can consist of one or more forms. You need to add form using the '**Add form**' option and then you will be able to add questions in the form.

(\* denotes the mandatory fields).

Apart from setting the questionnaire to be asked from patients, this form can be used to record available patient-specific data.



**← Questionnaire Detail**

Form Title \*

---

Click on + button to add the question to this form

- Text ⓘ +
- # Number ⓘ +
- Radio ⓘ +
- Checkbox ⓘ +
- Dropdown ⓘ +
- Phone ⓘ +
- Date ⓘ +
- Readme ⓘ +
- Group ⓘ +


### Instructions

Please select a question to see the details and edit question properties





Please Drag and Drop the questions to change the sequence of the questions




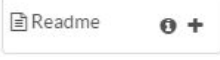
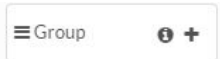
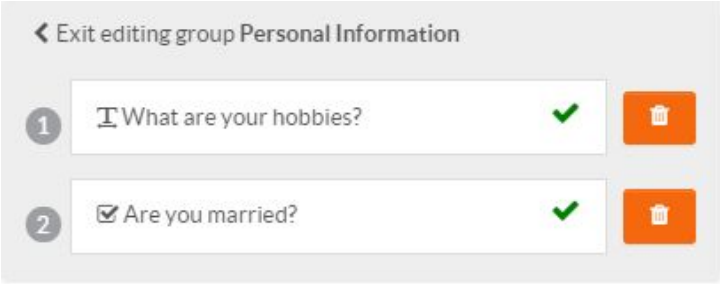
- 1  What is your gender? ✔ 🗑️
- 2  What is your occupation? ✔ 🗑️
- 3  # How many pregnancies you have had? ✔ 🗑️
- 4  How many times you had abortion? ✔ 🗑️
- 5  How many children you have ? ✔ 🗑️
- 6  Did you underwent C section surgery for your delivery? ✔ 🗑️

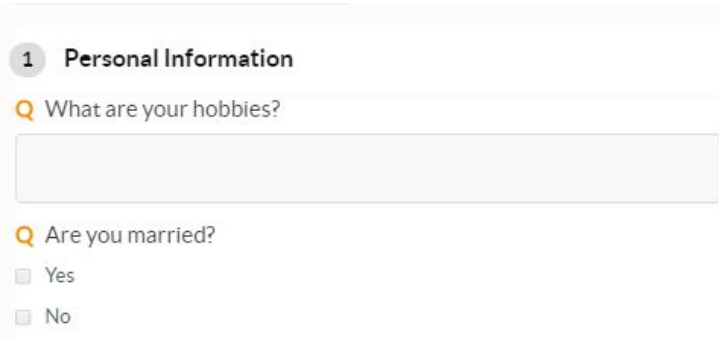
Property	Description	Default Value
Form Title *	Assign a meaningful title to your form as per grouping/type of the questions. Please note this title would be displayed on Android App UI to take the questionnaire to the user. The users will have to complete and submit the individual forms.	None
Instructions	Please read the instructions on how to add questions in a form ( form builder)	None
Questions ⓘ +	Add the question to your form by clicking on + (plus) icon next to question type	None

Information Icon 	Please click on <i>i</i> icon to read the information about the given component.	
Save From	Keep saving the form while working on the form builder. It keeps saving your change to the server so that you don't lose them.	None
Done	Click on done when you are done creating your form. This takes you back to questionnaire details.	None

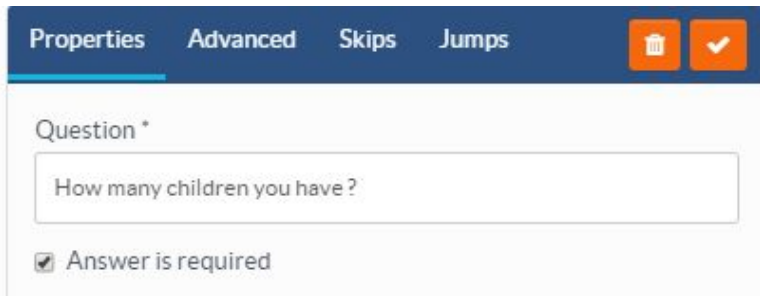
## Questions

Question Type	Description	Default Value
Text 	In this type of question, the answer is given in text format. Ques: What is your name? Ans: Darshan Singh OR History details	null
Number 	In this type of question, the answer is given in numbers. 1. Whole Number Ques: How many children do you have? Ans: 3 2. Decimal Number Ques: What is your weight in kg? Ans: 75.4	0
Radio (select one) 	In this type of question, the user chooses any one of the answers for the question framed. Ques: What is your gender? Ans: 1) Male 2) Female <input type="checkbox"/> 3) Any other	
Checkbox 	In this type of question, the user can choose multiple options as the answers. Ques: Which among the following you consume? Ans: 1) Egg <input type="checkbox"/> 2) Fish 3) Mutton <input type="checkbox"/> 4) Milk <input type="checkbox"/>	

	5) None	
<p>Dropdown</p> 	<p>In this type of question, the user can choose an answer among the dropdowns E.g Which District you belong too? Ans: 1) Mohali 2) Kapurthala <input type="checkbox"/> 3) Jalandhar</p>	
<p>Phone</p> 	<p>In this type of question, the user or responder can provide their phone number to the researcher  PS: When the question is presented to the questionnaire taker, he or she would only be able to enter a valid phone number and not any other random data</p>	
<p>Date</p> 	<p>The user can add a date in response to the question in this type. Ques: What is your DOB? Ans: 02/13/1981  PS: When the question is presented to the questionnaire taker, he or she would only be able to enter a valid date and not any other random data</p>	
<p>Readme/Instructions</p> 	<p>Instructions for user filling the questionnaire OR ANY specific question, can be added in this box.  E.g Answer all questions carefully. The result once added cannot be changed.</p>	
<p>Group</p> 	<p>In this type, a set of questions can be grouped into one question - for more clarity for type of questions and for easy data analysis  E.g a group of questions for <b>personal information</b> can be group under '<b>Personal Information</b>' section and all personal information related question can be put there</p>  <p>While filling the questionnaire it comes like this</p>	

	 <p>Where Personal information is group of questions of</p> <ol style="list-style-type: none"> <li>1. What are your hobbies?</li> <li>2. Are you married?</li> </ol>	
--	--	--

## Setting Options

Property	Description	Default Value
Properties	<p><b>Question *</b> - Here you need to enter your question text. The question text is mandatory, if you don't write your question you won't be able to save the form</p> <p><b>Answer is required</b> - You can mark if this answering this question is mandatory or not, If the checkbox is selected then questionnaire taker won't be able to submit the form if the question is not answered.</p> 	By default, the answer for a question is required and the respondent will have to fill the answer before submitting the questionnaire
Advanced Properties	<p><b>Max Length:</b> You can specify the maximum number for characters or digits the questionnaire taken can enter in response to a question.</p>	
Skips	This property can be used when the irrelevant questions can be skipped by the responder.	



E.g. All female-specific questions can be skipped anywhere in the questionnaire if the questionnaire responder is a male.

1 What is your occupation? ✓ [trash]

2 What is your gender? ✓ [trash]

3 # How many pregnancies you have had? ✓ [trash]

4 How many times you had abortion? ✓ [trash]

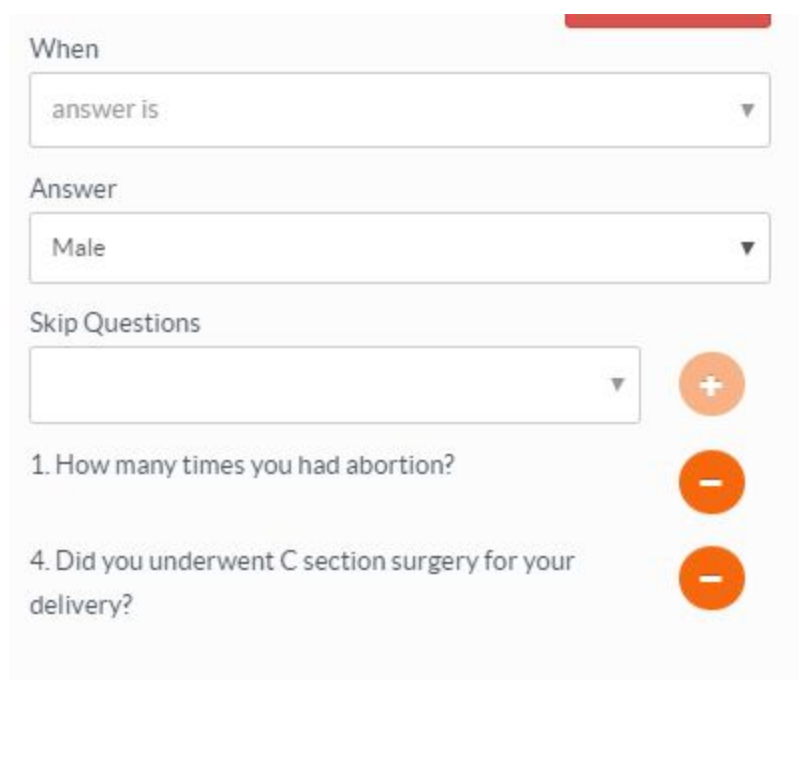
5 How many children you have ? ✓ [trash]

6 Did you underwent C section surgery for your delivery? ✓ [trash]

Ques: What is your gender?

Ans: 1) Male   
2) Female  
3) Other

Skips all female-specific questions anywhere in the questionnaire

	 <p>The screenshot shows a configuration panel for a survey question. It has three sections: 'When' with a dropdown menu set to 'answer is'; 'Answer' with a dropdown menu set to 'Male'; and 'Skip Questions' with a dropdown menu and two orange circular buttons with '+' and '-' signs. Below the dropdown are two questions: '1. How many times you had abortion?' and '4. Did you underwent C section surgery for your delivery?'. The '+' button is positioned to the right of the first question, and the '-' buttons are to the right of the second question.</p>	
<p>Jumps</p>	<p>This property can be used when the responder can directly be taken to the next relevant question and jumping over (in a way skipping all the questions in between).</p> <p>Using Jumps you set the jump to a specific question depending on the response to a question</p> <p>The major difference between skips and jumps is that the jump works on a continuous set of questions whereas using skips you can skip question appearing anywhere in the questionnaire.</p>	

1  What is your occupation? ✓

2  What is your gender? ✓

3  # How many pregnancies you have had? ✓

4  How many times you had abortion? ✓

5  How many children you have ? ✓

6  Did you underwent C section surgery for your delivery? ✓

Ques: What is your gender?

Ans: 1) Male

2) Female

3) Other

Depending on the Answer as Male the user can be taken to “How many children you have ?” and jumping over the pregnancy and abortion-related questions

**Jump 1**
▲

Remove Jump

When

answer is
▼

Answer

Male
▼

Jump to Question

▼

6. How many children you have ?

## Questionnaire Details

Once the questionnaire is created and forms are added the questionnaire details should look like this -

Add Form
All Questionnaires
Download Questionnaire JSON

renal replacement therapy - Questionnaire Forms

Show  entries
Search:

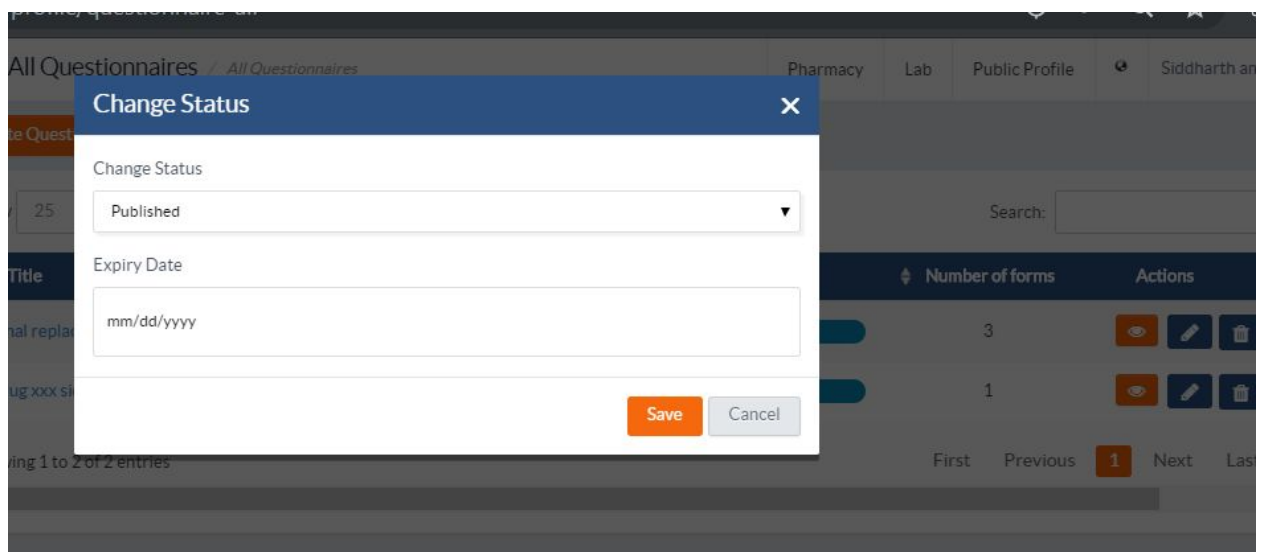
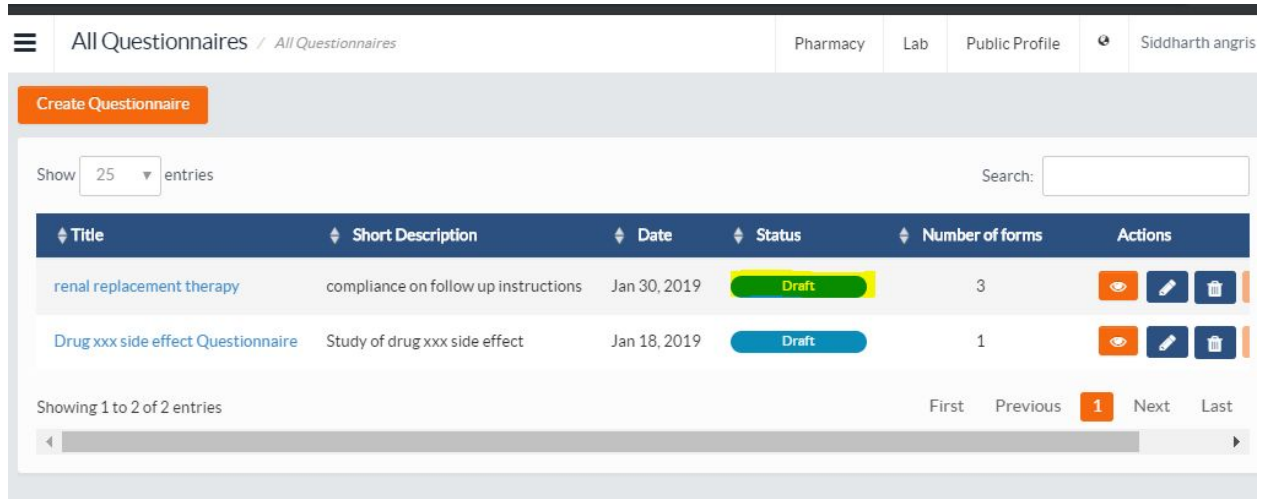
Title	Status	Number of questions	Actions
Personal Information	<span style="background-color: #0070c0; color: white; padding: 2px 5px; border-radius: 3px;">Draft</span>	3	<span style="color: #e34a33; font-size: 1.2em;">👁</span> <span style="color: #0070c0; font-size: 1.2em;">✎</span> <span style="color: #0070c0; font-size: 1.2em;">🗑</span>
Professional Profile	<span style="background-color: #0070c0; color: white; padding: 2px 5px; border-radius: 3px;">Draft</span>	1	<span style="color: #e34a33; font-size: 1.2em;">👁</span> <span style="color: #0070c0; font-size: 1.2em;">✎</span> <span style="color: #0070c0; font-size: 1.2em;">🗑</span>
Medical History	<span style="background-color: #0070c0; color: white; padding: 2px 5px; border-radius: 3px;">Draft</span>	2	<span style="color: #e34a33; font-size: 1.2em;">👁</span> <span style="color: #0070c0; font-size: 1.2em;">✎</span> <span style="color: #0070c0; font-size: 1.2em;">🗑</span>

Showing 1 to 3 of 3 entries

 First
 Previous
1
Next
 Last

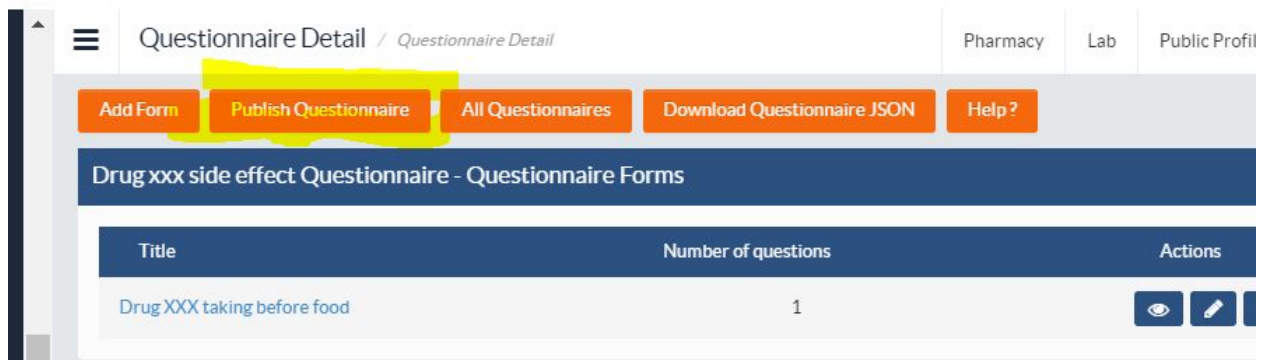
# Publish the Questionnaire

Once a questionnaire is created and finalized, It can be published by changing the status from 'Draft' to 'Publish' from two places. My Questionnaire Grid by Clicking on status as highlighted in the screenshot below



**Status:** Published.

2nd way of publishing the questionnaire is from Questionnaire details page, by clicking the **Publish Questionnaire** button

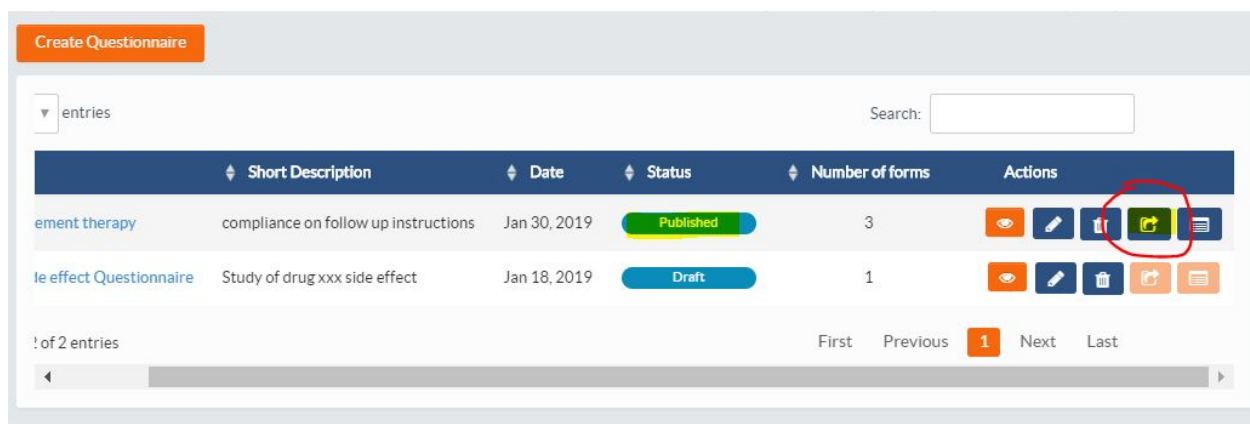


## Sharing the questionnaire with patients

**Please note All published questionnaires are shared with the patients automatically in following ways**

- 1. All existing 'Published' questionnaires are shared with a Newly added patient automatically**
- 2. A newly 'Published' questionnaire is shared with all existing patients automatically**
- 3. If a questionnaire is un-shared with a patient it can be shared manually by searching the patient and clicking on share button**

Once the questionnaire is published and shared with patient, it can be managed as follows with Patients (Responders).



After clicking on the 'share' button under actions (see above), search the patients for example by phone number and then click on the share button under actions to share the questionnaire with the patient(s)

[All Questionnaires](#)
[Select All](#)
[Share Questionnaire](#)

Search OPD Patients  [Search](#)

15 entries

ID	Name	Patient Details	Phone Number	Date/Time	Select	Actions
91AY6	jahid ali	22 Years <span>sharjah</span>	9540278988	30-Jan-2019 04:30 AM	<input type="checkbox"/>	
9F5NU	Test	29 Years Female	9540278988	15-Jan-2019 02:47 AM	<input type="checkbox"/>	
9ZAPD	Test	29 Years Female <span>jhansi</span>	9540278988	14-Jan-2019 07:02 PM	<input type="checkbox"/>	
BV8BL	Test	29 Years Male	9540278988	08-Dec-2018 04:14 AM	<input type="checkbox"/>	

### Say Confirm

Share Questionnaire / Share Questionnaire

Pharmacy Lab Public Profile Siddharth angr

Share Questionnaire ×

Do you want to share questionnaire?

[Confirm](#) [Cancel](#)

Search OPD Patients  [Search](#)

15 entries

ID	Name	Patient Details	Phone Number	Date/Time	Select	Actions
91AY6	jahid ali	22 Years <span>sharjah</span>	9540278988	30-Jan-2019 04:30 AM	<input type="checkbox"/>	
9F5NU	Test	29 Years Female	9540278988	15-Jan-2019 02:47 AM	<input type="checkbox"/>	
9ZAPD	Test	29 Years Female <span>jhansi</span>	9540278988	14-Jan-2019 07:02 PM	<input type="checkbox"/>	
BV8BL	Test	29 Years Male	9540278988	08-Dec-2018 04:14 AM	<input type="checkbox"/>	

You can share with multiple patients in one go by selecting the checkbox and say Share Questionnaire.

Share Questionnaire / Share Questionnaire

Pharmacy Lab Public Profile Siddharth angr

[All Questionnaires](#)
[Select All](#)
[Share Questionnaire](#)

Search OPD Patients  [Search](#)

15 entries

ID	Name	Patient Details	Phone Number	Date/Time	Select	Actions
91AY6	jahid ali	22 Years <span>sharjah</span>	9540278988	30-Jan-2019 04:30 AM	<input checked="" type="checkbox"/>	
9F5NU	Test	29 Years Female	9540278988	15-Jan-2019 02:47 AM	<input checked="" type="checkbox"/>	
9ZAPD	Test	29 Years Female <span>jhansi</span>	9540278988	14-Jan-2019 07:02 PM	<input checked="" type="checkbox"/>	
BV8BL	Test	29 Years Male	9540278988	08-Dec-2018 04:14 AM	<input type="checkbox"/>	

# List of Responders

You can check the list of responders /patients with whom the questionnaire has been shared by click the listing icon under actions on All Questionnaires grid.

The screenshot shows the 'All Questionnaires' grid. At the top, there is a 'Create Questionnaire' button and a search bar. Below is a table with columns: Short Description, Date, Status, Number of forms, and Actions. The first row shows a questionnaire titled 'compliance on follow up instructions' with a status of 'Published' and 3 forms. The listing icon in the Actions column is highlighted in yellow.

Short Description	Date	Status	Number of forms	Actions
compliance on follow up instructions	Jan 30, 2019	Published	3	[View] [Edit] [Delete] [Share] [Listing]
Study of drug xxx side effect	Jan 18, 2019	Draft	1	[View] [Edit] [Delete] [Share] [Listing]

# Shared Questionnaire Patients

The screenshot shows the 'Shared Questionnaire Patients' page. At the top, there is a 'All Questionnaires' button and a search bar. Below is a table with columns: Patient Name, Questionnaire Title, Status, and Actions. The 'Questionnaire Title' column is highlighted in yellow. The first row shows a patient named 'Test' who has shared a questionnaire titled 'renal replacement therapy' with a status of 'QuestionnaireDraft'.

Patient Name	Questionnaire Title	Status	Actions
Test	renal replacement therapy	QuestionnaireDraft	[Refresh]
Test	renal replacement therapy	QuestionnaireDraft	[Refresh]
jahid ali	renal replacement therapy	QuestionnaireDraft	[Refresh]
jahid ali	renal replacement therapy	QuestionnaireDraft	[Refresh]

By clicking on the questionnaire titles you check the answers submitted by the responder.



**Status** shows the status of the questionnaire if responder has submitted the questionnaire or it's still pending

## Unshare the questionnaire

You can unshare the questionnaire any time by clicking on the unshare button under actions

The screenshot displays a web application interface for managing questionnaires. At the top, there is a navigation bar with a menu icon, the title 'Shared Questionnaire Patients', and user information 'Siddharth angrish'. Below this, there is a section titled 'renal replacement therapy - Questionnaire Patients'. A search bar and a 'Show 25 entries' dropdown are present. The main content is a table with the following columns: Patient Name, Questionnaire Title, Status, and Actions. The 'Questionnaire Title' column is highlighted in yellow. The 'Status' column shows 'QuestionnaireDraft' for all entries. The 'Actions' column contains unshare icons. The table shows 4 entries, with the first one highlighted. At the bottom, there is a pagination control showing 'Showing 1 to 4 of 4 entries' and navigation buttons for 'First', 'Previous', '1', 'Next', and 'Last'.

Patient Name	Questionnaire Title	Status	Actions
Test	renal replacement therapy	QuestionnaireDraft	Unshare
Test	renal replacement therapy	QuestionnaireDraft	Unshare
jahid ali	renal replacement therapy	QuestionnaireDraft	Unshare
jahid ali	renal replacement therapy	QuestionnaireDraft	Unshare

## Android App for Responders

When the questionnaire is published and shared with the patients/responders, the researcher can fill it on responders behalf on app or website or responders will have to use the **Jiyyo Android apps** to fill the questionnaire and submit the answers.

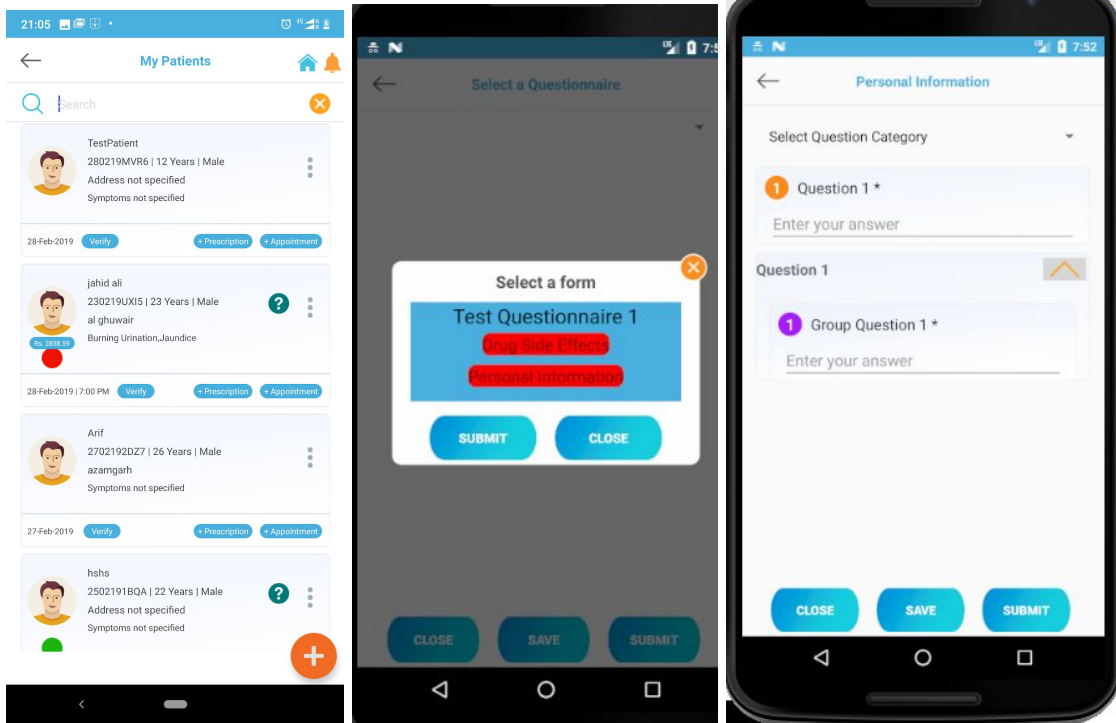
## Jiyyo Healthcare App for healthcare professionals and field agents

<https://play.google.com/store/apps/details?id=com.androidwebview.jiyyo>

You or your field agents would be filling the questionnaire on the behalf of the patients then they can log into Jiyyo Healthcare App or website using their ids and they can see the patients list along with the questionnaire icon (?). When they click on the questionnaire icon, they will see the questionnaire forms as shown below, when the user

selects a form under a questionnaire, the user can fill the answers and submit the form. Once all the forms are submitted, the user can submit the questionnaires.

The **red** dot would turn to **green** dot when all questionnaires are submitted for a particular patient.

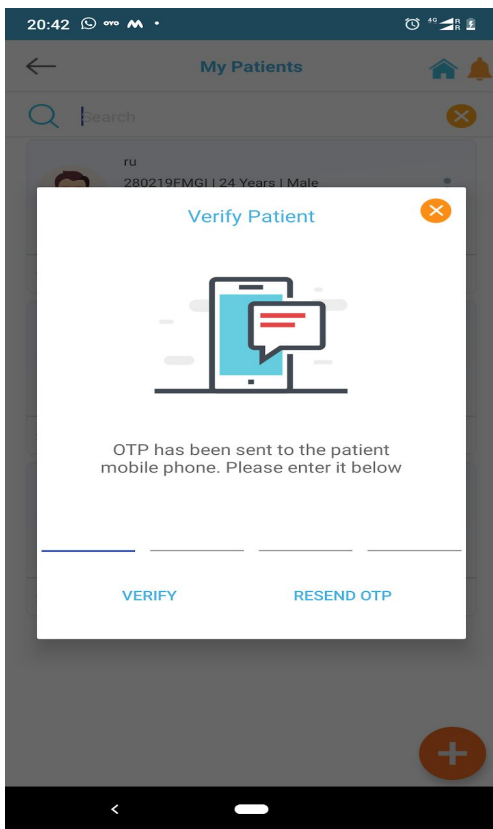
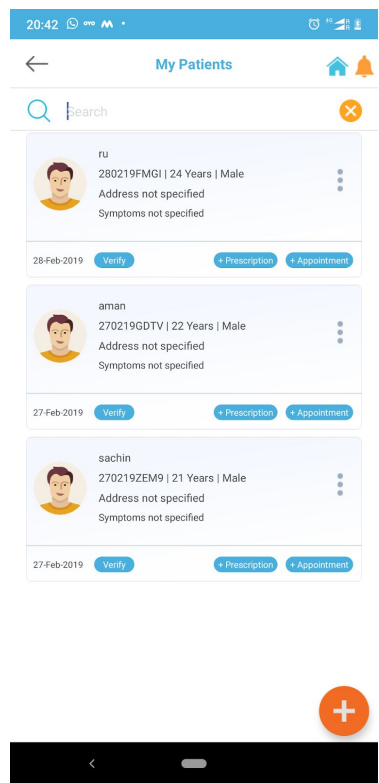
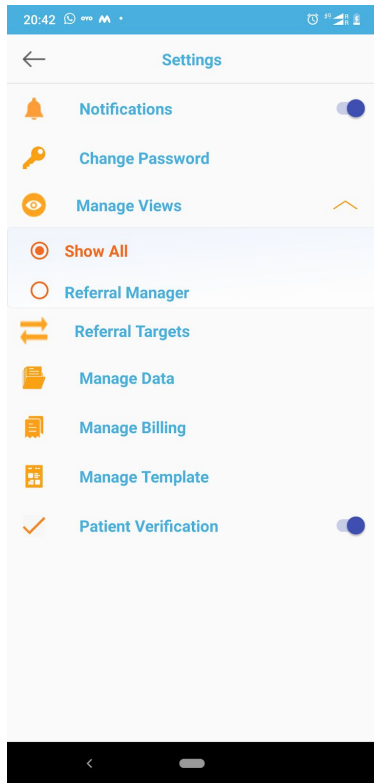


**Patient Verification is supported to maintain the authenticity of the data.**

1. The doctor can Turn on/off patient verification. If turned on the doctor can verify its patients through an OTP verification system to maintain authenticity.

Settings Screen

Verify Button Screen

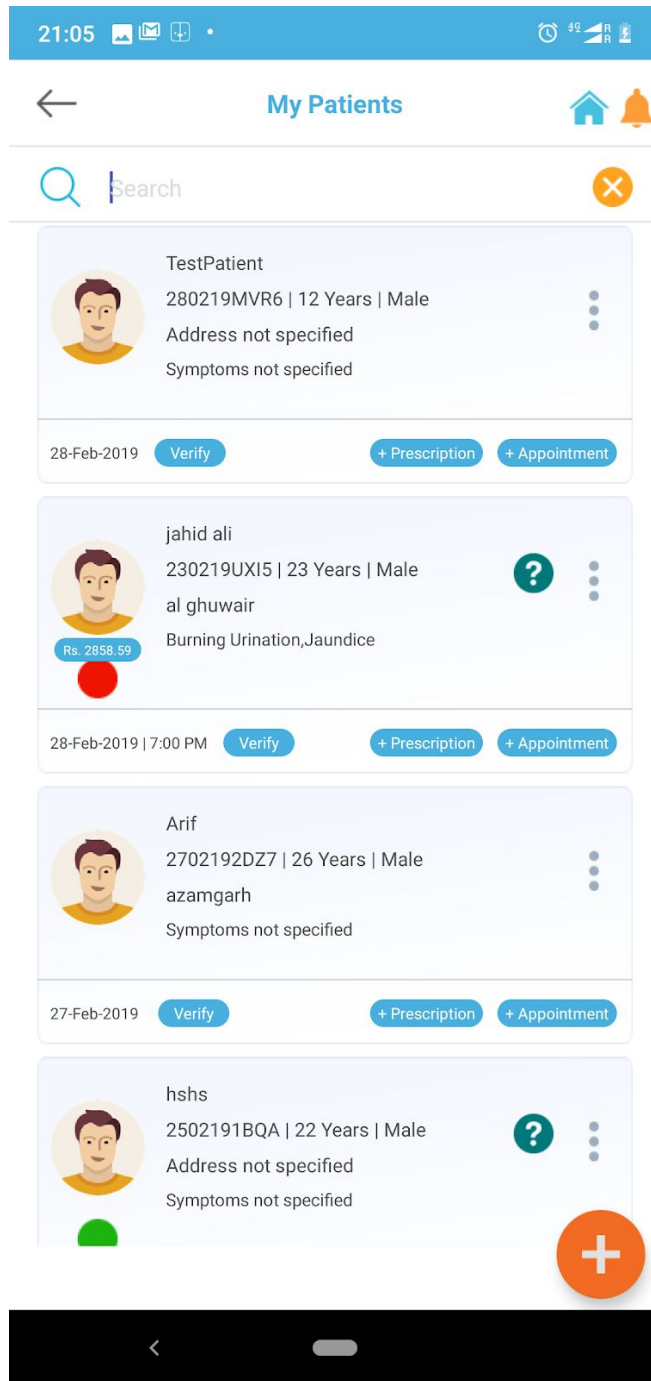


Verification Screen

1. The questionnaire option only appears on Android App ui when at least one questionnaire is shared with the patient

1. The questionnaire icon is visible only when an at least one questionnaire is shared with a particular patient.

In Below Image, you can questionnaire icon is available to some patients with whom the questionnaire is shared



Please drop an email to us at [info@jiyyo.com](mailto:info@jiyyo.com) if you have any query over this documentation or call 8427644299.