

**User Manual
for**

Robson Group Classification App, Pakistan

Developed by CGPH-Pakistan

In collaboration with

Health Services Regulations and Coordination (NHSRC)

&

WHO-Pakistan

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Project:

Robson Classification Digital Platform

Client:

CGPH-Pakistan, Ministry of National Health services regulations and coordination (NHSRC) and WHO-Pakistan.

Modules:

- Mobile apps for Android (Android devices) and iOS (Apple).
- Web dashboard.....(work in progress)

Overview:

Caesarean section is a life-saving surgical procedure that can prevent maternal and perinatal mortality and morbidity. The latest WHO recommendation is that C-section be done only when medically necessary. WHO does not recommend a target rate for countries to achieve at the population level. However, over the last decades its use as a mode of delivery has been increasing to unprecedented levels with parallel concern about its consequences. Considering the dire need for ensuring proper data management for use of Robson classification, development of a digital data management platform for C-sections is required to ensure monitoring of C-section rate at the facility levels.

About the Guideline:

The purpose of this manual is to provide step by step guidance how to use this application. It is important to understand that the purpose of this application is to collect data on Robson Classification core variables along with some of WHO recommended expanded variables. This manual needs to be used along with WHO Robson Classification Implementation Manual¹ to understand the definitions of the core variables. The manual have two sections.

The first section provides step by step guidance to assist you in setting up and using the application. This section provides details of data entry, submission of forms, change of health facilities along with other important instructions that user may need for effective use of this application.

The second section (which is not part of current draft) is more relevant for administrative use and is more focus on technical side of the application. This section explains application administrator's activities, web dashboard, Robson Classification report regeneration etc. For this section user needs to log in the robsonclassification.com website. Details will be provided in draft 2.

¹ WHO Robson Classification Implementation Manual
<https://apps.who.int/iris/bitstream/handle/10665/259512/9789241513197-eng.pdf;jsessionid=7ED4C07A4A5FC26D6F65443ECB608B23?sequence=1>

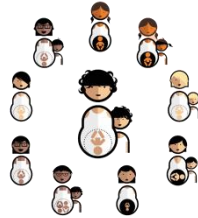
Section 1 (Setting up and data entry guidance):

[NOTE: DATA ENTRY CAN BE DONE OFFLINE. STEPS THAT REQUIRE INTERNET ARE MENTIONED.]

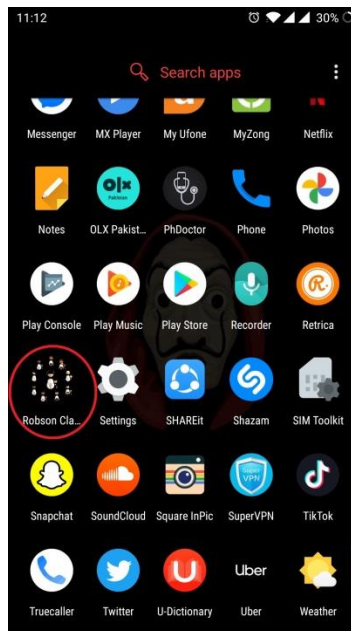
To install Robson Classification app for data collection use the following steps:

1. Installation:

- Go to Play store and App store on android and iOS respectively.
- Search for “**Robson Classification**” and select the app with the following logo.



- Click on the app and install on your phone.
- Once downloaded run the app to install on your phone.
- Upon successful installation Robson Classification logo will appear in your phone menu.



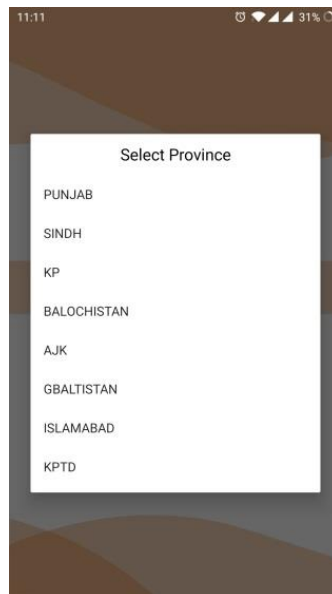
Once you have installed the Robson Classification application in your phone, it is ready for data entry. You can either close the application to be used later or continue with data entry.

2. Select Health Facility Screen (Internet required):

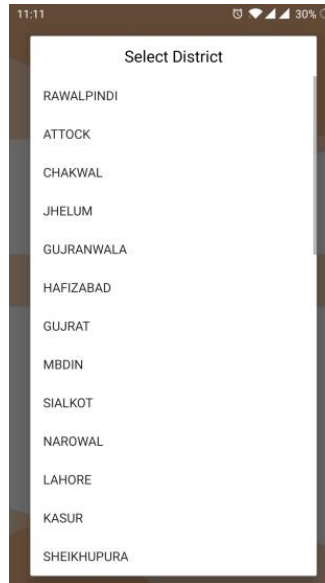
- To enter data open application by clicking on Robson Classification logo in your phone menu.
- You will see this screen if you are running the app for the first time.
- Click Select Health Facility button.



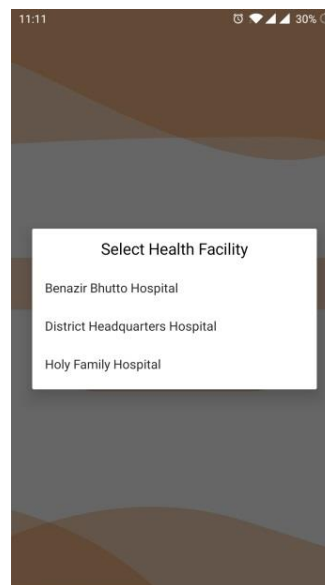
- Select Province from the given options.



- Select District from the given options.

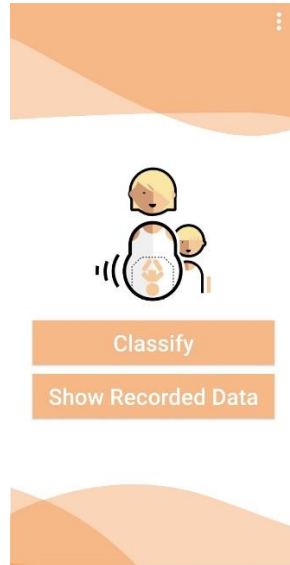


- A list of health facilities shows up based on the province and district selection, select health facility from the list. Until and unless you select health facility, you won't be able to use the app further.



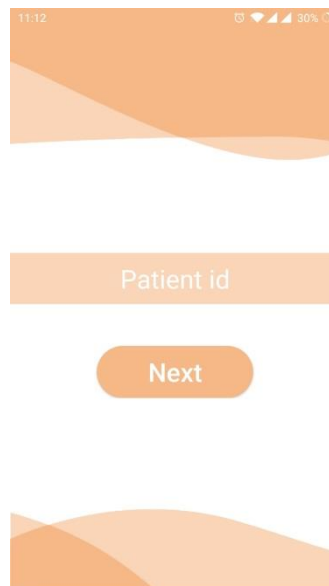
3. Home Screen:

- After selection of health facility this screen will appear having option to classify the patient or show recorded data.

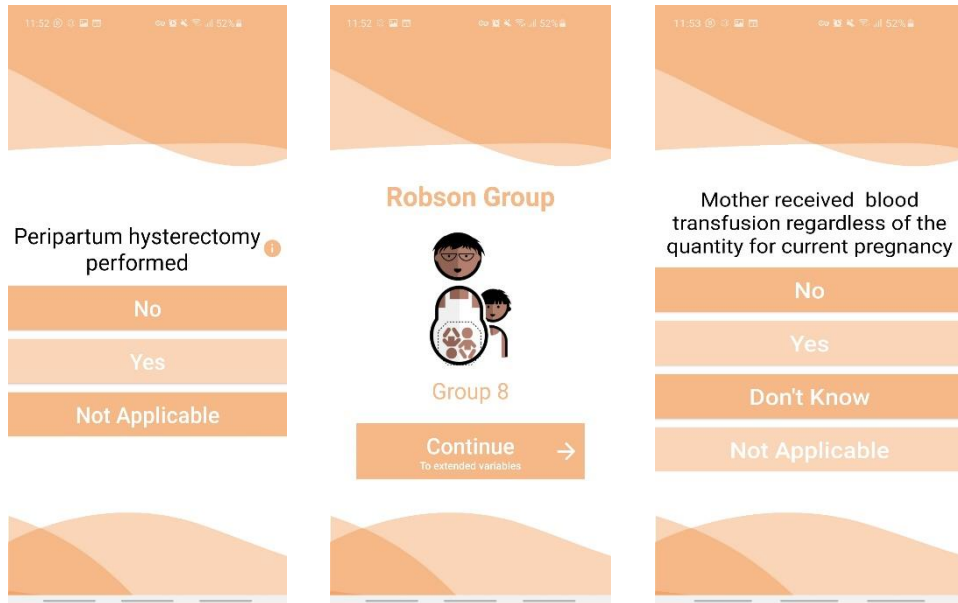


4. Robson Classification Data Entry:

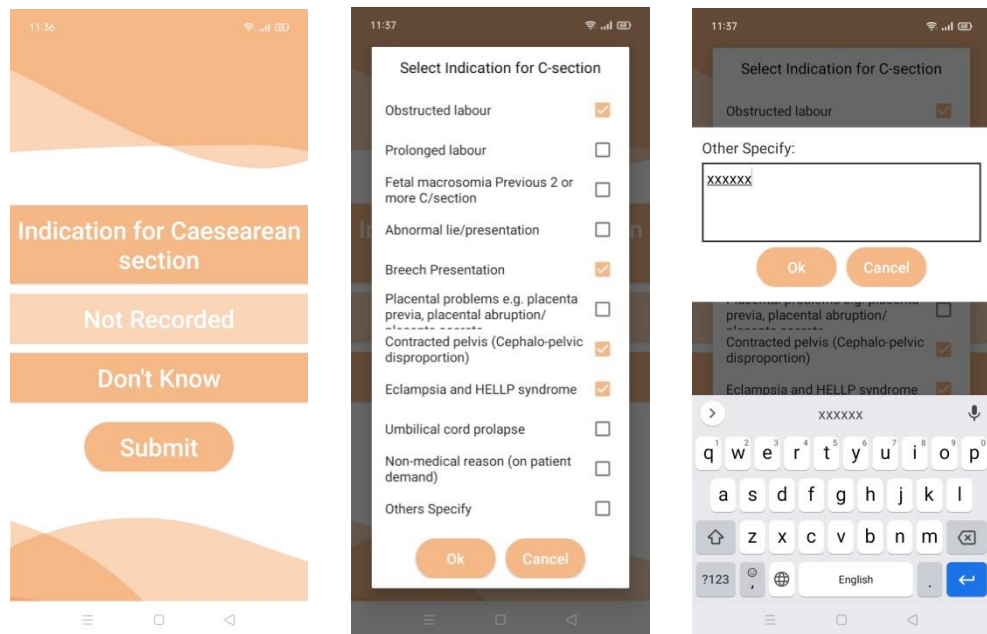
- To fill robson classification form, click on the Classify button on home screen and fill the information in the fields one by one
- To start data collection the first screen is for patient ID. Enter the patient hospital registration number assigned upon admission.



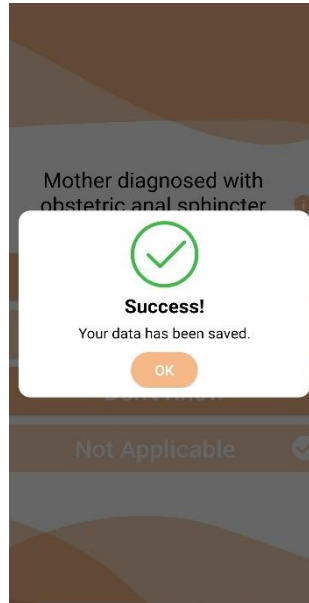
- Continue providing responses to each question and move forward.



- Indication for Caesarean section screen will show only if you have selected Elective C-section or Emergency C-section as delivery type. On this screen you will be able to select more than one indicator. In case the indication/s that you want to select is not available in the given options; you will also be able to write indicator in the text box that will open up by clicking on the “Others Specify” option.



- When all data collection gets completed below screen appears.

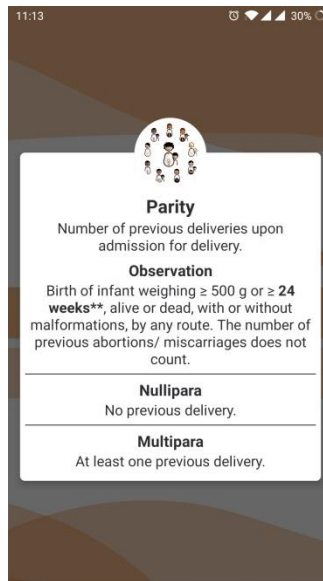


5. Definition of variables:

- For Robson core variables there are key definitions which are provided in the WHO Robson Classification manual. Definition of the core and expanded variables can be reviewed in the application
- You will see information icon (circled in below image) for screens that have definitions. To review these definitions click on information icon.

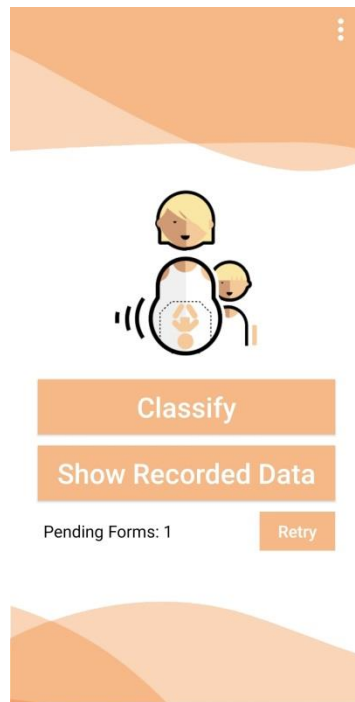


- On clicking that icon, a pop up will open containing all the related definitions or observations of that variable.



6. Form submission and Pending forms count:

- If data entry is done **offline**, forms will be saved in the mobile application to be sent later when internet is available.
- Pending forms count shows on home screen at bottom. It tells the number of offline submitted records in the application.
- A Retry button is given with the forms count, clicking this button will submit data to server upon availability of **internet**.



7. Change health facility (Internet required):

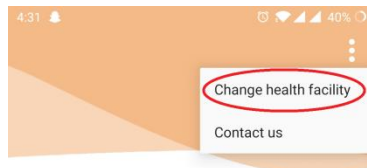
- If you have selected a wrong health facility or want to change it for some reason then go to Home screen.
- Click menu icon at the top right corner.



Classify

Show Recorded Data

- Click change health facility menu link.



Classify

Show Recorded Data

- Update health facility and click done.



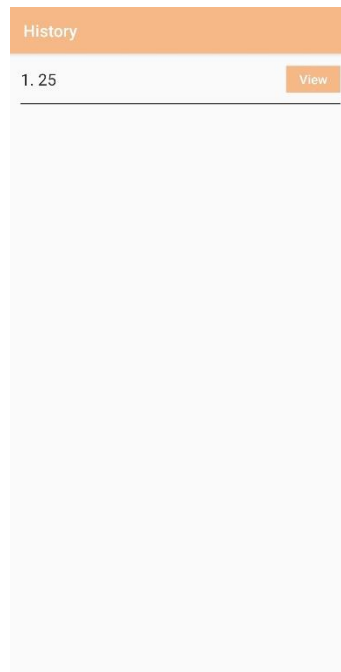
Select Health Facility

Done

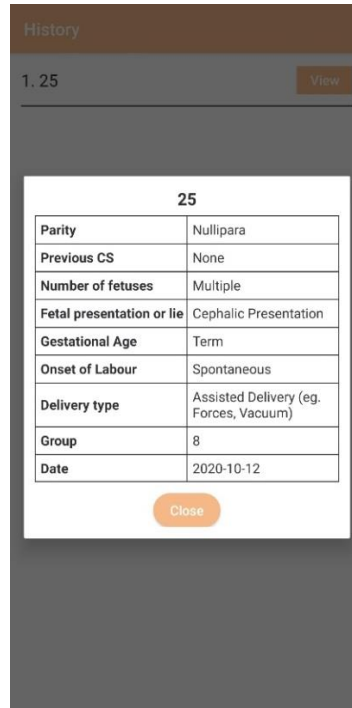


8. Show Recorded Data Screen:

- On this screen you will be able to see the recorded data in descending order (meaning last recorded data will show first on this screen).

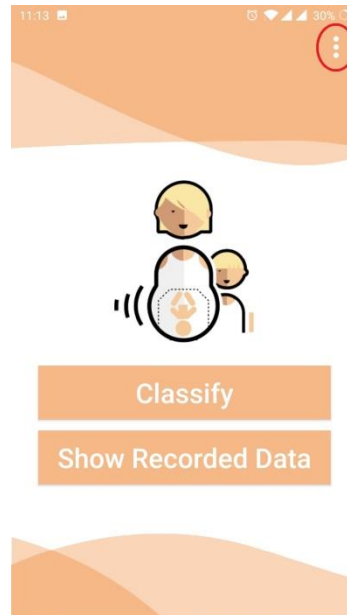


- Clicking View button against any record will open pop up on the same screen having data of six core variables, date of submission and group.

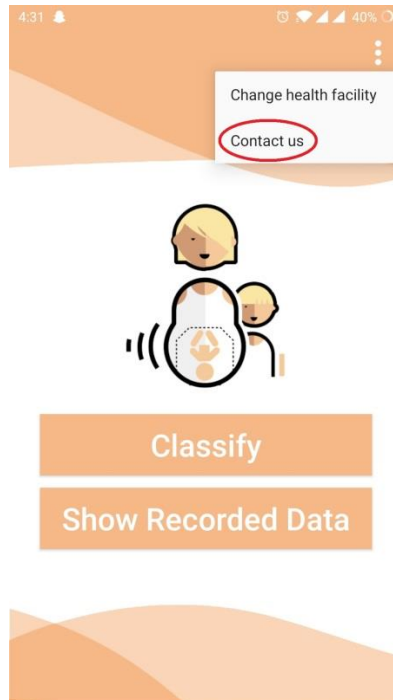


9. Contact us:

- If you want to make a contact with the app owners.
- Click menu icon at the top right corner.



- Click Contact Us menu link.



- Add information in the form and click Send.

