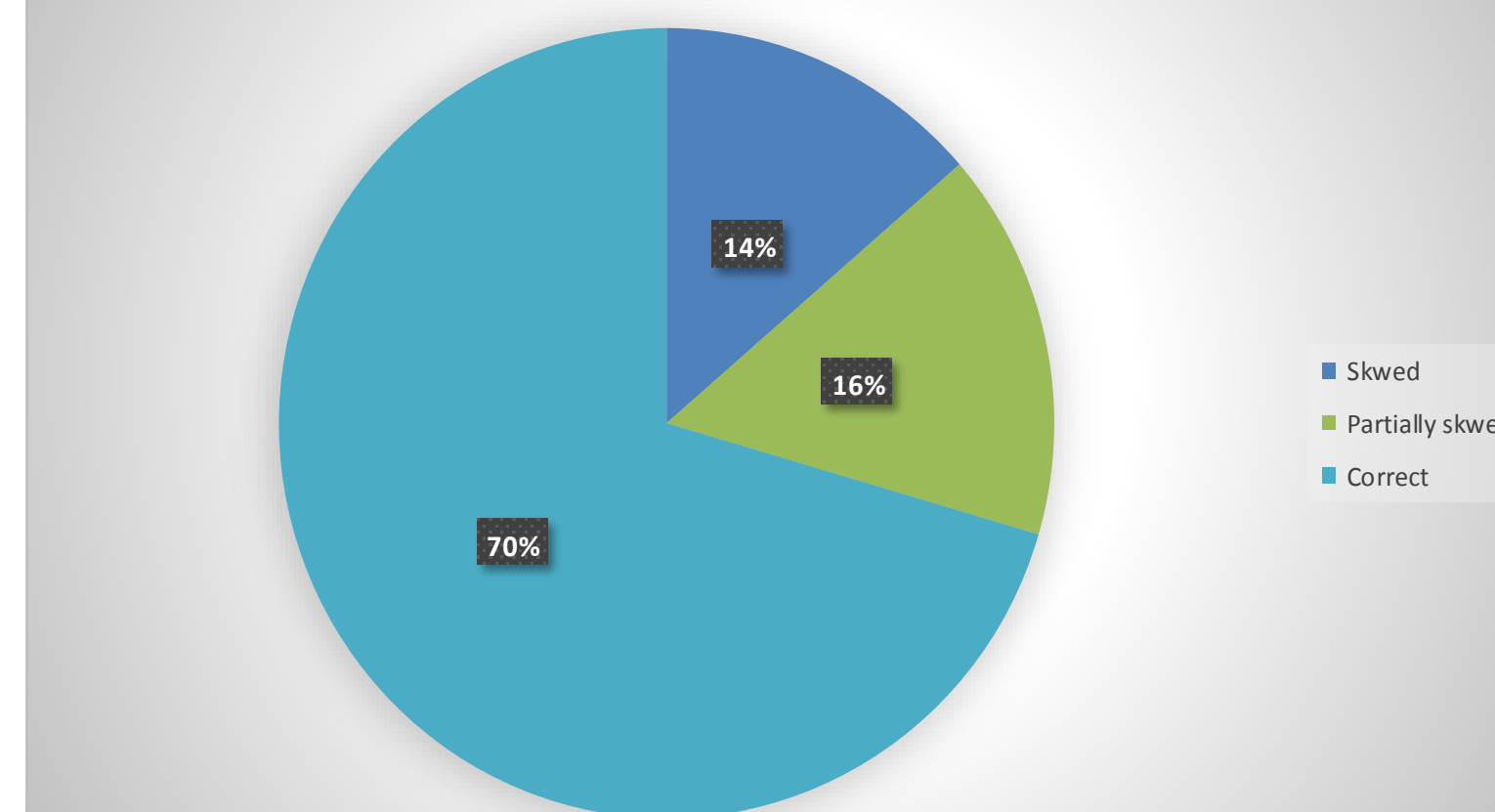


Introduction

- ANM is the primary end user of Khushi Baby System. Khushi Baby provided ANM with a Tablet in which Khushi Baby App is installed for which they are given multiple training for operating.
- All the information of children and mothers collected by the ANMs are recorded into Khushi Baby system and one can access this information through Khushi Baby dashboard. The dashboard shows the information of high risk mothers and children immediately after the information of those beneficiaries is synced or uploaded.
- Khushi Baby started doing data quality check of the information filled by the ANMs in the Khushi Baby application. Khushi Baby used certain indicators to check the quality of the data filled by the ANMs.

Pie Chart showing the proportion of ANM performing valid measurement of blood pressure



Skewed=ANM who fill B.P for more than 70% of the mothers as 120/80 or 110/70

Partially Skewed=ANM who fill B.P for more than 50% and less than 70% of the mothers as 120/80 or 110/70

Correct=ANM who fill B.P for less than 50% of the mothers as 120/80 or 110/70

Findings from In-depth Interview conducted

- Some ANM said that their equipment was not working properly but they got new equipment.
- 80% of the ANM complain that they face problem in collecting urine sample .
- It was found that 60% of ANM measure B.P twice of a pregnant woman in a camp in a that particular day. Rest of the 40% said that if the B.P reading is very extreme then they re-measure B.P of that woman.
- When ANM were asked whether their performance is evaluated more after using Khushi Baby application than before, 70% ANM said yes.

Methodology

Study Approach: Qualitative and Quantitative

Study design: Observational cross-sectional study

Study area: 5– blocks of Udaipur (Jhadol, Sarada, Salumbar, Lasadia and Gogunda)

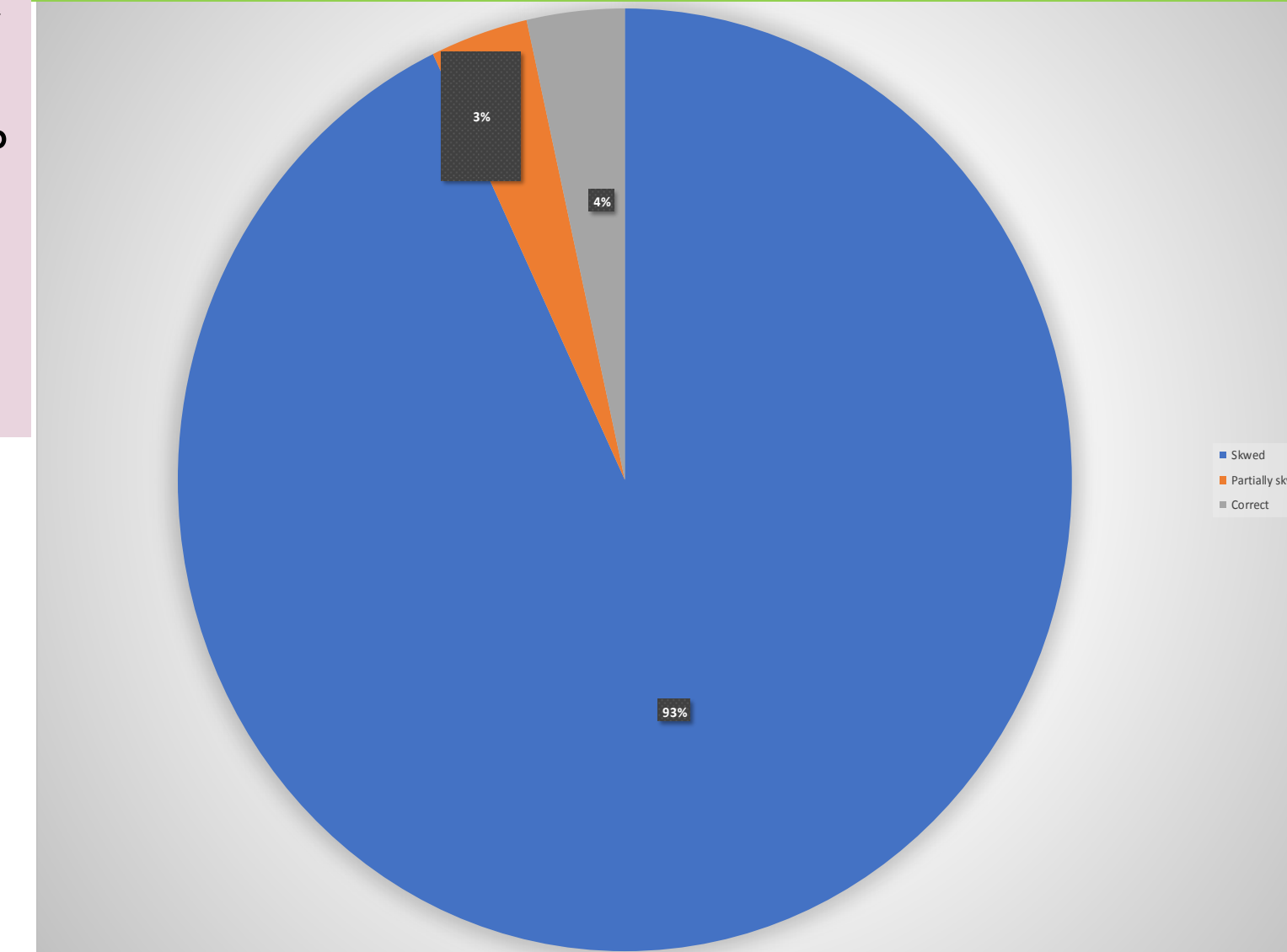
Mode of data collection: Interview of ANM (primary data) and document review (secondary data).

Data collection tool: In-depth interview guide

Sample size: to asses the proportion of ANM performing valid measurement of B.P, urine-albumin and urine-sugar all ANM in 5 blocks in which Khushi baby project was working were included. In-depth interview to identify the issues faced by the ANM in performing diagnostic procedure were conducted till saturation in response was reached. 20 ANM were interviewed

Operational definition for valid measurement of B.P , urine-albumin and urine-sugar -Khushi Baby initiative has laid down criteria for valid measurement of B.P, urine-sugar, urine-albumin. This was followed in the study.

Pie chart showing the proportion of ANM performing valid measurement of urine-sugar and urine-albumin



Skewed: If the ANM assigns more than 90% of the value for sugar urine test and/or albumin urine test as absent, then the name of the ANM is marked red.

Partially skewed: If the ANM assigns more than 70% and less than 90% of the value for sugar urine test and/or albumin urine test as absent, then the name of the ANM is marked yellow.

Correct: If the ANM assigns less than 70% of the value for sugar urine test and/or albumin urine test as absent, then the name of the ANM is marked green.

Objectives

- To assess the proportion of ANM performing valid measurement of blood pressure, urine albumin and urine-sugar as per as the criteria laid down by Khushi Baby initiative.
- To identify the issues ANM face while they are measuring B.P and performing urine-sugar and urine-albumin test.

Conclusion

Most of the ANM(70%) fill data for B.P test correctly in the app.

Very few ANM (4%) were performing valid measurement for urine-albumin and urine-sugar

Recommendation

- Khushi Baby team must visit these ANM who are not performing valid measurement of B.P, urine-albumin and urine-sugar on their camp in their camp day to identify the source of the problem. If any problem is identified ANM should be trained how to do that job properly and should be reevaluated after sometimes.
- Khushi Baby should also involve Anganwadi workers in their plan. Training should be given to these Anganwadi workers about the Khushi Baby app so that they can give feedback about the equipment.
- It is important to motivate these ANM by rewarding them with an award or giving them some incentives for their good work. It will encourage other ANM to do well. It is also important to motivate beneficiaries to the camp. ASHA can be trained to motivate people to come to the camp.
- Role play, and stories can be told in the form of pictures in the Anganwadi Centers on camp days or in the village to motivate pregnant woman and new mothers to come in the camp for vaccination and check-up.
- Training of ASHA about the affect for not getting ANC during pregnancy and not vaccinating children.

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