

SUMMER TRAINING: How KhushiBaby dashboard is tracking presenting and improving informed decision making on MCH data collected by KB application

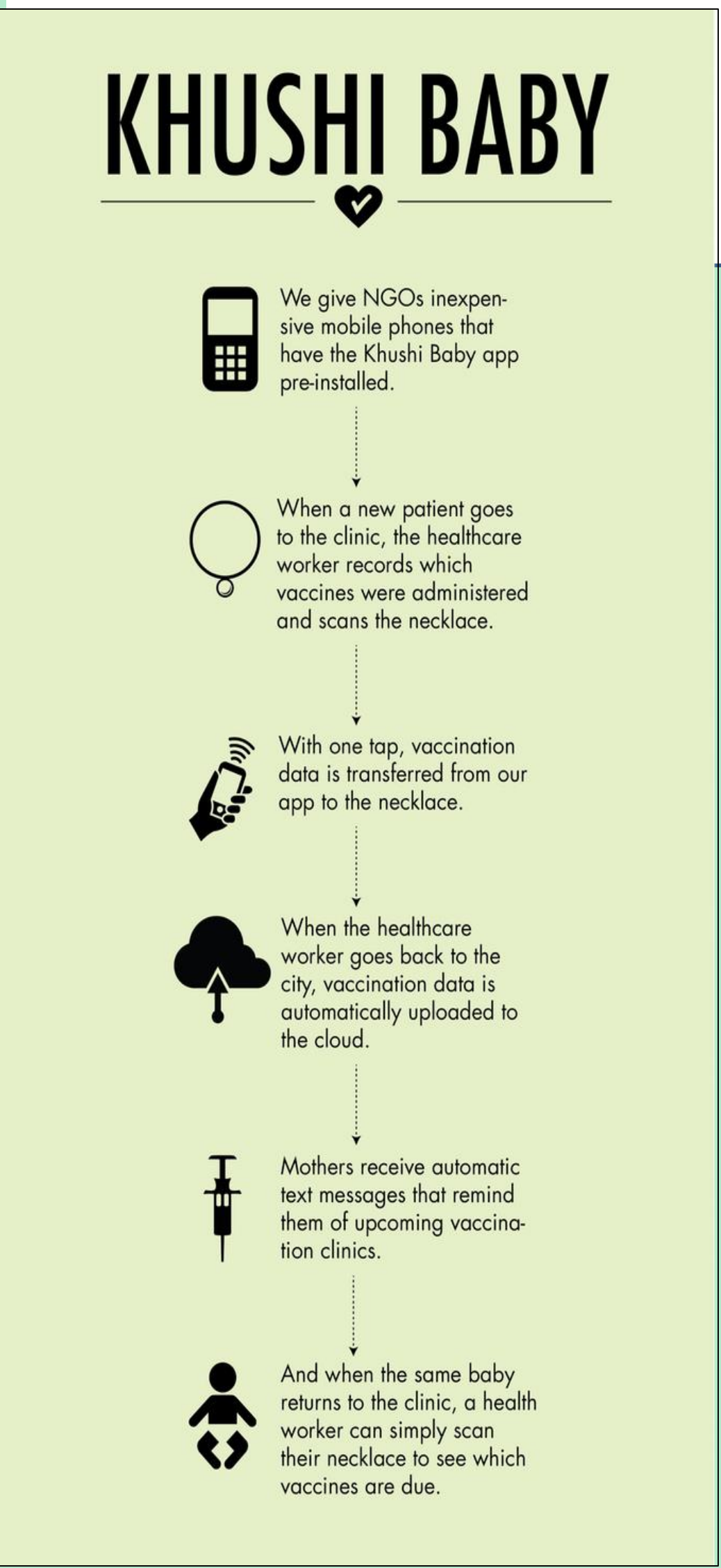
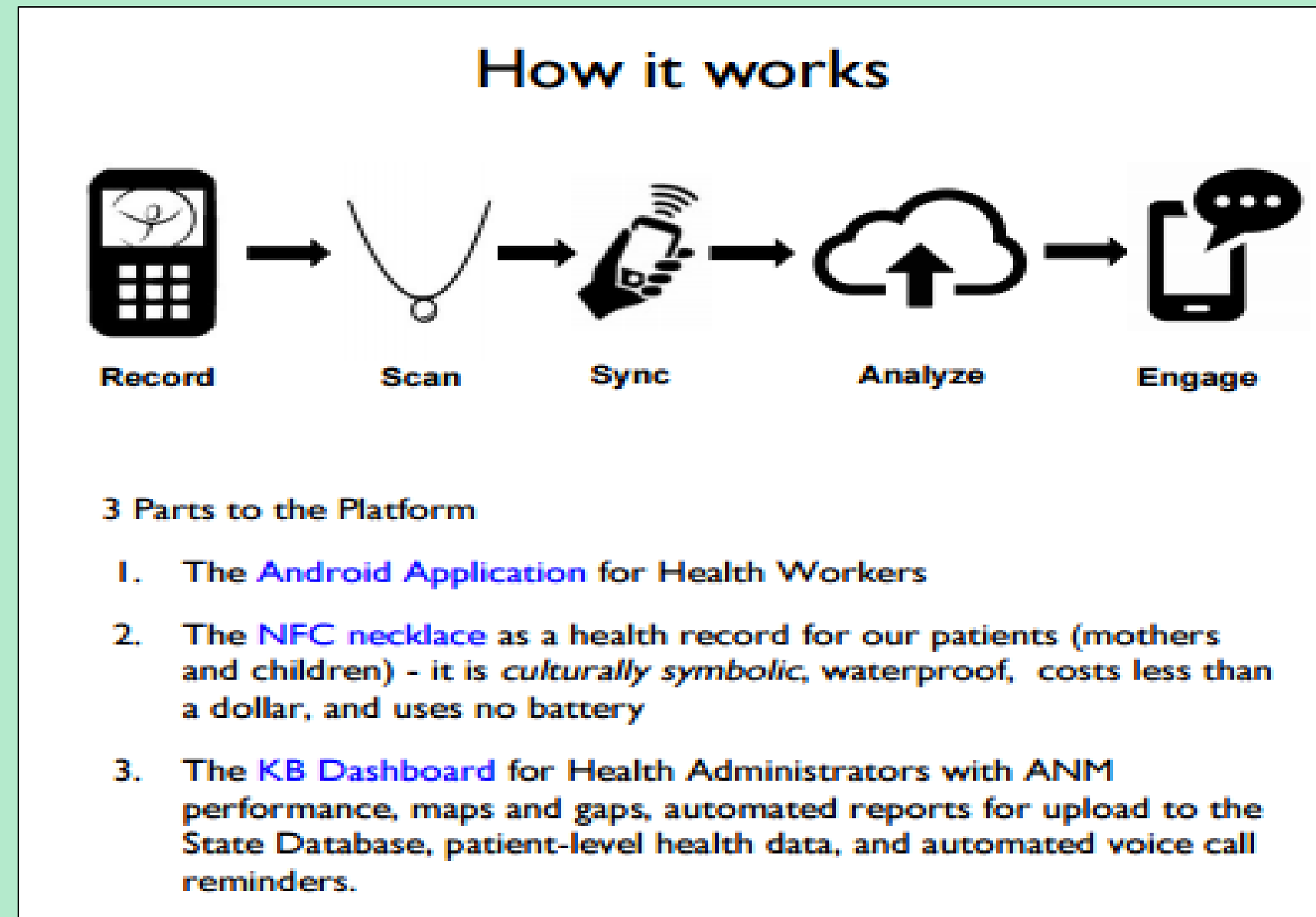


INTRODUCTION

KHUSHI BABY – A digital necklace that makes medical history wearable to monitor the health care of mothers and children at the last mile . KB is running as a pilot project under govt .of Rajasthan in 5 blocks of Udaipur (gogunda ,jhadol , salumbar , sarada and lasadia),being used by 80 ANMs in 81 treatment sub-centers.

HOW IT WORKS:

- Patient gets KB necklace (unpowered , waterproof , uses NFC , chip on culturally symbolic thread,5 times less likely to lost then Mamta card ,50 INR)
- ANM scans KB necklace with KB Android app to digitally read and update data without internet connectivity.
- After the camp , when ANM syncs data over 2G/3G, health officials use cloud based KhushiBaby dashboard for decision making.



OBJECTIVES



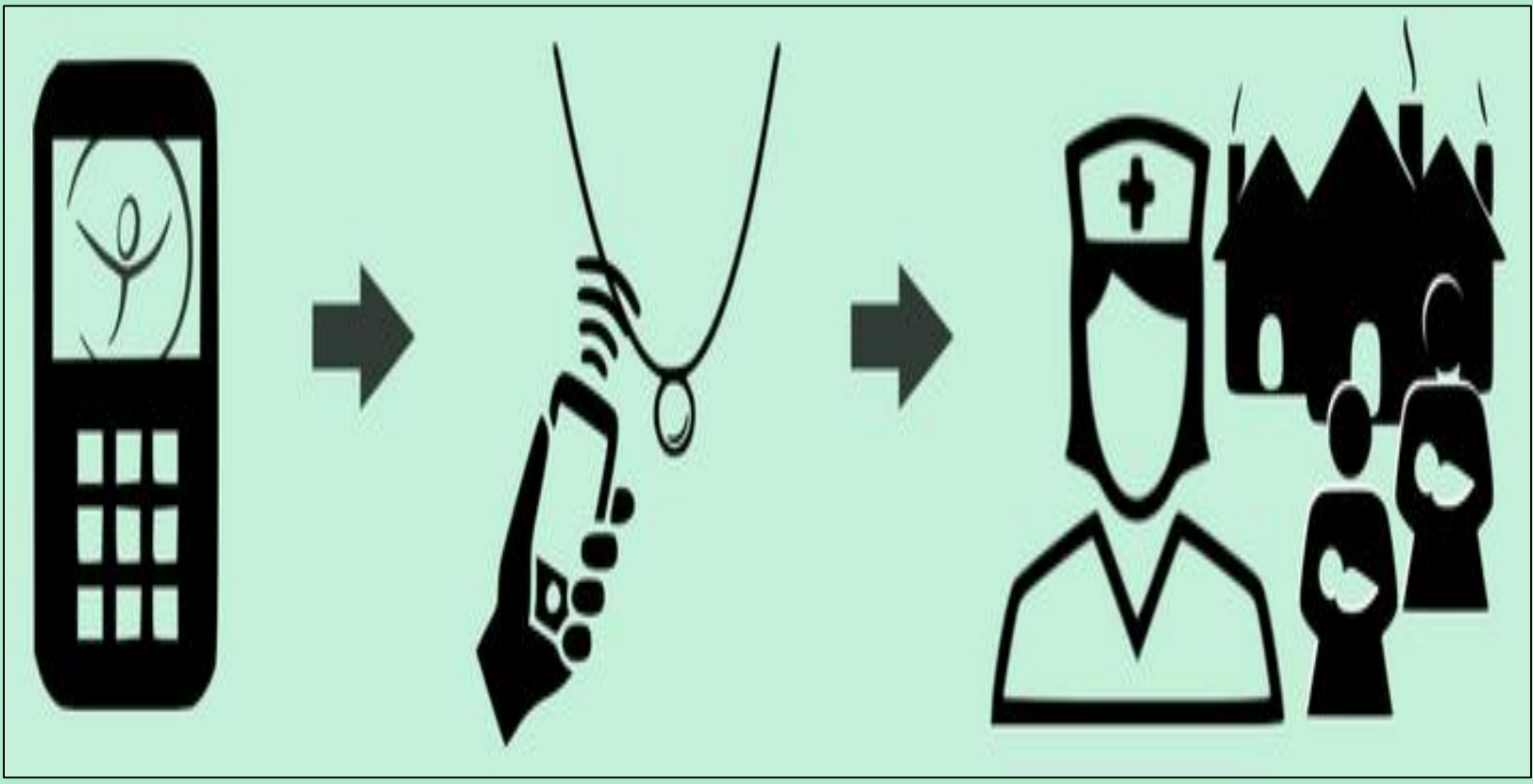
To study the functioning of Data collection in KB application



To find out how data synced from field is updated and presented on dashboard



To analyze and study how that raw data is evaluated into various variable on dashboard and can be monitored for further decision making



METHODOLOGY

Cross-sectional , Descriptive

OBSERVATIONS AND FINDINGS

Features of KB system

- A Maternal Health Module
- NHM Standards
- Mother-Child NFC Link
- High risk alerts
- Smart due-lists
- Biometric Log-in
- NFC Backwards compatibility
- A new hardware platform
- Actionable Dashboard

DECENTRALISATION: wear and own your medical history

DATA INTEGRITY : GPS and time stamp check-in , offline biometric authorization of patient using KB necklace, Automated data quality checks against data manipulation/fraud

DATA FOR ACTION : decision making support for ANM in field , specific action steps for health officials to better engage with health worker team and officials

Features of KB Dashboard

