NLEP LEPTRACK

National Health Mission
Health & Family Welfare Department, Chhattisgarh

Introduction

Web based Mobile Application for strengthening Leprosy surveillance, Patient treatment followup, complication management and Grade 2 deformity management of cases in Chhattisgarh

Rationale

The design and development of this application is intended to the strengthening of Leprosy case Surveillance, complete treatment of patient and Grade 2 deformity management and planning for public health interventions.

Enabling the program managers at State, District and Block level to take informed, prioritized and timely action to plan effective and efficient interventions.

All data contained in APPLICATION has the public health surveillance attributes: Person, Place, Time and all data has VILLAGE information for geographic reference by click of a button.

APP provides real-time information on Leprosy surveillance from anywhere on any electronic device.

APP facilitates point entry of data through hand held smartphones and with ease.

Objectives

- To register all suspects of Leprosy.
- Provide treatment to all confirmed case of Leprosy with treatment followup.
- Grade 2 deformity tracking with VMT and ST and listing for RCS.

Description of Dataflow

Dataflow in Geographic Context

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Data Entry at Village level
(Leprosy suspected cases)

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Data shared with Block and District Medical Officer

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Confirmation of Leprosy

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Follow up of treatment and Management of complications

MPW/ NMA screening patient at Sub Center, Village level

Screening data shared with all MO of the district for confirmation and once confirmed, data is shared back to respective MPW/ NMA

Human Resource Data Entry

- NMA/NMS
- MPW - Male & Female
- Medical Officers

Capacity Building

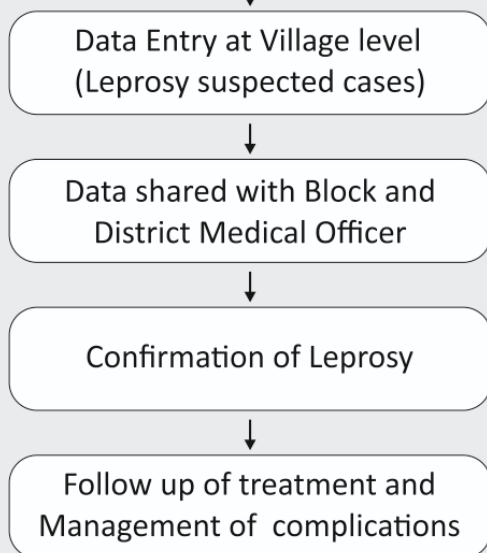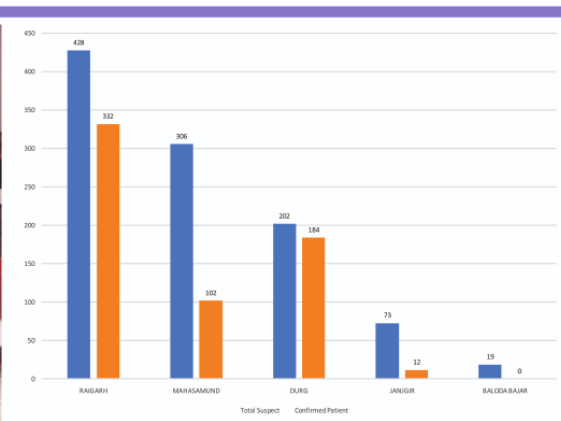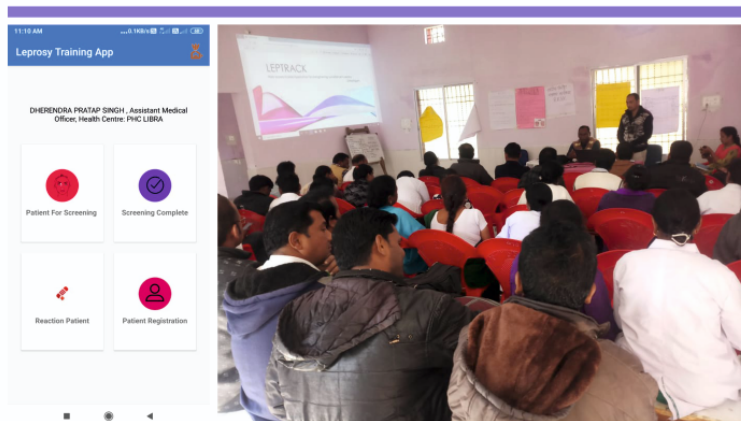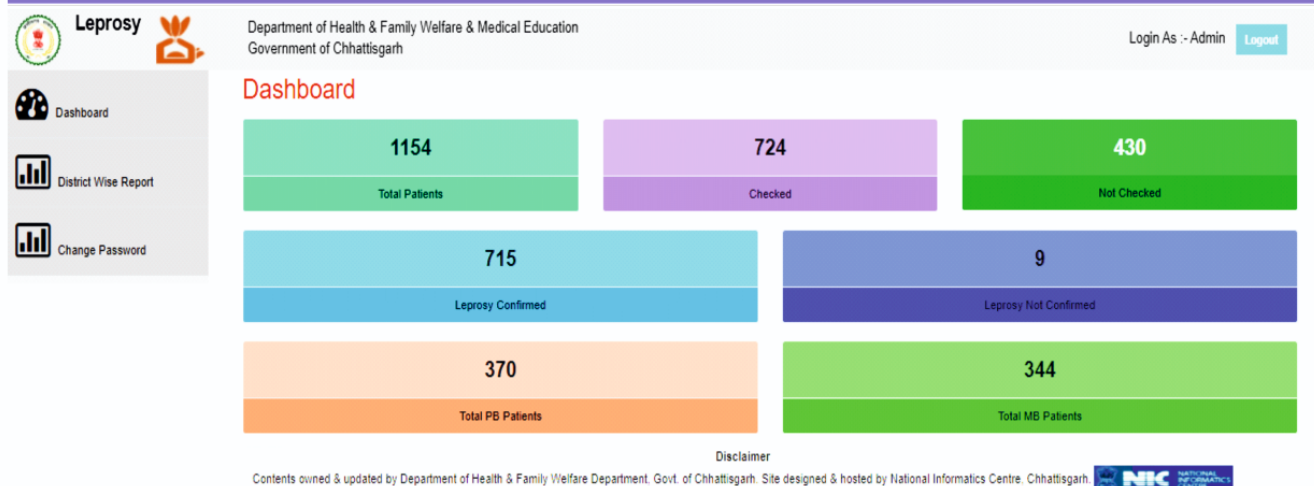- Training Completed in 6 districts
- Data Entry started in 5 districts

Cost

- Rs. 2,00,000
- No extra cost for APP development

State Dashboard

Leprosy
Department of Health & Family Welfare & Medical Education
Government of Chhattisgarh
Login As :- Admin Logout

Dashboard

- Dashboard
- District Wise Report
- Change Password

1154 Total Patients	724 Checked	430 Not Checked
715 Leprosy Confirmed		9 Leprosy Not Confirmed
370 Total PB Patients		344 Total MB Patients

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Present NLEP reporting

- Numerical data
- Monthly cumulative data
- No data on endemic villages
- Paper based
- Case to RFT tracking
- No linking of suspect to case and follow-up

Application based reporting

- Granular data with actual name based tracking
- Near real time
- Village level data available
- Digital e-Device and mobile based
- Suspect to RFT tracking along with tracking of reaction cases and regular follow-up tracking and due list of RCS.
- Linking of data from suspect to case to follow-up.
- Photograph stored

Way Forward

- Mobile Application LEPTRACK is helping in capturing digital data of Leprosy services currently in 6 districts and is planned for phased scaling up.
- Data compatibility with NIKUSTH online portal is also planned in near future