

**Annual Report of Regional Leprosy Training and Research Institute,**  
**Raipur (C.G.)**  
**April 2013-March 2014**

RLTRI, Raipur established in the year 1979 with the aim to provide training, research and treatment for the leprosy affected persons under administrative control of Central Leprosy Division of DGHS.

The Institute is having 75 bedded indoor patient services and is providing daily OPD services. It is also having well equipped Laboratory and well trained technical manpower in the laboratory for skin smear examination and other laboratory investigation. We are also having well equipped Operation Theatre and an expert Orthopaedic Surgeon to undertake various kind of Re-constructive surgery for leprosy related deformity. We also carry out Polio Surgery in our Hospital. We also provide technical guidance as and when required.

We organize following Training Programs routinely in the field of leprosy.

1. National Level SLO/DLO/BMO Training (1 week duration)
2. BPT Interns training (1 week duration)
3. Final year MBBS Students orientation training in Leprosy (1 day)
4. Physiotherapist Training (1 week)
5. Skin smear Technician Training (1 week)

We have been assigned additional responsibilities of Regional Office of Health and Family Welfare (ROHFW) for the State of Chhattisgarh to monitor various National Health Programs including NLEP at state and district level and cross checking of beneficiaries like JSY, immunization status of children, ANC/PNC follow up, eligible couple using different contraceptive methods, work of ASHA (Mitanin) at different level.

**A. RLTRI ACTIVITY**

**OPD services:**

<b>New Leprosy Cases detected</b>	<b>834</b>
No. of MB cases in newly detected cases	497
No. of PB cases in newly detected cases	337
<b>No. of old cases provided treatment</b>	<b>4478</b>
General Patients	2928
Total patients attended OPD	8274

**IPD Services:**

No. of patients admitted for RCS & Physiotherapy	230
No. of patients admitted having Ulcers	217
No. of patients admitted having ENL reaction	187
Admitted for PMR	116
<b>Total No. of patients admitted in the Wards</b>	<b>750</b>

**Lab Services:**

No. of Microbiological investigation undertaken	2121
No. of clinical pathological investigation undertaken	2198
No. of bio-chemical investigation	501
MP	16
Sickling	312
Cross checking of Malaria Slides	2453
HIV	2
<b>Total No. of investigation done</b>	<b>7603</b>

**Physiotherapy Services:**

No. of patients given Wax bath therapy	76
No. of patients given oil massage, hydro-oiling therapy	195
No. of patients given Active and Passive Exercise	553
No. of patients given Electric Vibrator Massage	0
No. of patients given Short-wave diathermy	1
No. of patients given I.R.	9
Others	38
<b>Total No. of patients provided Physiotherapy</b>	<b>872</b>

**Training Conducted:**

National level DLO/BMO/MO Training	4 batches	29 Nos. (5 days)
Training imparted to Medical College Students	8 batches	152 Nos. (1 day)
Training imparted to BPT Intern students	19 batches	62 Nos. (1 week)
Training of Laboratory Technicians in Skin Smear	2 batch	9 Nos. (5 days)
Training imparted to Nursing Students	5 batches	145 Nos. (1 day)

Photograph of some of the training batches conducted at this Institute during the year 2013-2014



**Forth Batch NLEP management Training (10th -14th Feb 2014)**

**Siting Row :**Dr. Nalinee Sikarwar (RLTRI),Dr. Jyotika Kalsy (Punjab),Dr. Gouri Kumari Padhy (AIIMS, Raipur),  
Dr. K.M. Kamble, Director I/c (RLTRI),Dr. Amarjit Kaur (ROHFW Chandigarh),Dr. S.V. Gitte, Deputy Director (ROHFW and RLTRI)  
**Standing Row:** Dr. K. Ravi Rao (RLTRI),Dr. Prashant Sahu (RLTRI),Dr. Arvind Kumar (Jharkhand),  
Dr. Prakash R. Hingire ( Maharashtra), Dr. Pankaj Kumar (Jharkhand), Dr. Abhimanyu A. Khare ( Maharashtra),  
Dr. Prakash Patil (Maharashtra), Dr. Bhawesha Nand Poddar (Jharkhand), Dr. Ranjit Singh Rai (Punjab)



### **Reconstructive Surgery for Leprosy & Polio affected patients at RLTRI, Raipur:**

No. of surgeries conducted at RLTRI during 2013-2014 on routine basis - 104

Leprosy RCS Camp in March 2014 - 22 cases

Total Polio Surgery conducted at RLTRI, Raipur 42 cases (90 procedures)

#### Break-Up of cases

Polio surgery camp in July-August 2013 - 16 cases - 29 procedures (RLTRI, Raipur)

Polio surgery camp in February 2014 - 26 cases - 61 procedures (RLTRI, Raipur)

**Special Activities under RLTRI:**

**Technical supervision of NLEP activities in the 12 districts:** During the year 12 districts were covered for assessment of the NLEP programs and suggestions for improvement and to bridge the gaps noticed during visit were given.

Sl. No.	District	DHs	CHCs	PHCs	HSCs	Total
1	Balodabazar	1	2	2	2	7
2	Dhamtari	1	2	4	4	11
3	Gariaband	1	2	4	4	11
4	Ambikapur	1	2	4	4	11
5	Balrampur	1	2	3	4	10
6	Durg	1	3	4	4	12
7	Balod	1	3	3	3	10
8	Rajnandgaon	1	3	3	4	11
9	Mungeli	1	2	4	4	11
10	Kondagaon	1	3	3	3	10
11	Raigarh	1	2	3	4	10
12	Janjgir Champa	1	3	5	4	13
<b>Total</b>		<b>12</b>	<b>26</b>	<b>42</b>	<b>42</b>	<b>127</b>

**B. ROHFW ACTIVITIES-**

In the year 2012-13, 9 districts of the state were visited for technical supervision of the various National Health Programs including NLEP at state and district level. As per IPHS norms the team has assessed various health facilities and has covered Block Community health centers, Primary Health Centers and Health Sub-centers.

PHI	Korba	Bilaspur	Jashpur	Korba	Janjgir champa	Kawardha	Bemetara	Sarguja	Gariyaband	Total
DH	1	1	1	1	0	0	1	1	0	6
CHC	3	3	3	2	2	3	2	2	2	22
PHC	3	3	3	3	3	3	3	2	2	25
HSC	3	3	3	3	2	3	3	3	3	26
<b>Total</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>9</b>	<b>7</b>	<b>9</b>	<b>9</b>	<b>8</b>	<b>7</b>	<b>79</b>

**Field Cross verification of the clients/Beneficiaries about health services:**

Field verification	District									Total
	Korba	Bilaspur	Jashpur	Korba	Janjgir champa	Kawardha	Bemetara	Sarguja	Gariyaband	
Client verification										
Immunization verification selected	29	22	32	18	18	30	30	30	30	239
Total beneficiaries contacted	17	13	13	13	8	15	7	16	12	114
ANC mother selected	29	22	32	30	18	30	30	30	30	251
ANC contacted	17	13	13	15	8	15	7	16	12	116
INC mother selected	29	22	32	30	18	30	30	30	30	251
INC contacted	17	13	13	15	8	15	7	16	12	116
PNC mother selected	29	22	32	30	18	30	30	30	30	251
PNC contacted	17	13	13	15	8	15	7	16	12	116
JSY mother selected	29	22	32	30	18	30	30	30	30	251
JSY contacted	17	13	13	13	8	15	7	16	12	114
No. of selected cases for sterilization	12	13	16	18	13	15	18	18	20	143
No. of contacted cases	8	7	10	11	7	8	5	10	10	76
No. of Clientselected for IUD verification	11	11	11	5	14	10	5	15	14	96
No. of contacted cases	7	7	7	4	7	4	0	5	7	48
No. of Client selected for OC pills verification	8	8	12	11	14	9	15	15	15	107
No. of contacted cases	5	5	6	7	8	5	7	7	7	57
No. of Clientselected for Condoms verification	8	8	11	10	11	8	10	15	22	103
No. of contacted cases	5	5	8	5	3	5	2	6	8	47

**Special Activities conducted:**

**a. Assessment of post distribution of LLIN and concurrent evaluation of IRS operation among the sampled area of 3 district of Bastar Division of Chhattisgarh state**

The user rate of LLIN was (35 to 45%) in the Kondagaon district, 45-66% in Jagdalpur and above 54-66% in Kankar surveyed areas. Priority was given to children's and women are sleeping under LLIN in majority of the households in the surveyed areas. Hang up percentage LLIN of the surveyed area was 72% and mostly nets are clean and in good condition. The IRS coverage of rooms in the survey area of the Jagdalpur ranges from 47 to 67% and at Kondagaon 61 to 69%. Coverage was highest in the district Kankar i.e 88%.



*IRS concurrent supervision*



*LLIN verification in Bastar division*

**b. Dental and skeletal Fluorosis survey in the state:** Five districts were surveyed for dental and skeletal fluorosis and collected drinking water samples for fluoride levels.



*Dental fluorosis*



*Skeletal fluorosis*

- c. **MDA 2012:** A Post MDA evaluation survey was conducted with the objective to review the progress of the single dose of diethyl-carbamazine (DEC) and Albendazole, administration and to understand the functioning of the programme to recommend mid-term amendment in Jashpur and Bilaspur district in year 2012-13. The actual consumption coverage was 62% in Bilaspur district while 45% at Jashpur district.
- d. **Assessment of Malaria morbidity and mortality in the 5 high malaria endemic district Sentinal sites of state:** The District Jadalpur, Korea, Korba, Jashpur and Bilaspur sentinal sites were assessed for malaria morbidity and mortality in year 2012-13.
- e. **Home delivery of contraceptive through ASHA at door step:** Assessed 6 district and health facility of the state of Chhattisgarh state.

