##### **NATIONAL LEPROSY ERADICATION PROGRAMME**

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**NLEP ACHIEVEMENTS**

##### **2020 – 2021& 2021-22 till sept.**

**NATIONAL LEPROSY ERADICATION PROGRAMME**

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**W.H.O - VISION, GOALS& TARGETS**   
**(2016-2020)**

* Vision- Leprosy free world
* Goal- Further reduce the global & local leprosy burden
* Main targets- Zero G2D (Grade 2 disability) among paediatric leprosy patients
* Reduction of new leprosy cases with G2D to less than one case per million population
* Zero countries with legislation allowing discrimination on basis of leprosy

**Leprosy Elimination** is defined as reducing the prevalence of registered cases to less than 1 /10,000 population

* Sikkim achieved Elimination in 2003 with 53 registered cases with Prevalence Rate of 0.7/10,000 population
* This trend in Sikkim has continued till now with a current P.R of 0.11/10,000 population

**Leprosy is eliminated as a public health problem but it is not ERADICATED**

**New initiatives by Central Leprosy Division**

1. **Active case detection & regular surveillance (ACD & RS)**

Salient features of Active case detection:

* + - * Only Urban pockets/ villages where there have been leprosy cases in the last 3 years will be screened
* One Female & 1 Male front line worker will screen
* All persons above 2 years will be screened
* Duration of screening will be up to 6 months if only 1 round & 12 months if 2 rounds
* Low Endemic blocks will have screening once a year
* Any village /urban pocket reporting even a single child cases, Grade 2 disability will have 2 rounds of screening in a
* Incentive of ₹ 1000/- per round to F/ Male FLW
* ASHA facilitator entitled for incentive @10% per ASHA incentive
* Contact screening & tracing of index case for Post exposure chemoprophylaxis
* Supervision & monitoring by ANM/MLHP –Sub Centre/HWC, M.O/PHC/UPHC, DLO /District & SLO/State level

1. **Contact tracing & Post exposure chemoprophylaxis(PEP)**

Single dose rifampicin to contacts of leprosy cases are to be given as per directions from GOI vide letter No T-11018/01/2017 –Lep

1. **ASHA Involvement –**

**a. Screen community for signs& symptoms of leprosy**

**b. Ensure treatment completion**

**d. Awareness on leprosy**

**Incentives are also paid to ASHA for their help in new case detection or follow up & treatment completion**

Rs. 250 – New case detection without deformity

Rs. 400- follow up & completion of treatment of P.B cases

Rs. 600 – Follow up & completion of treatment of M.B cases

**Other components of the programme:**

1. **DPMR Services (Disability prevention & medical rehabilitation)**
2. **Capacity Building – to sustain technical expertise in leprosy by training all categories of health personnel**
3. **IEC/BCC- Sparsh leprosy awareness campaign through Gram Sabhas& other mediums**

**7. Nikusth– Web based reporting system with the objective of developing data analysis, strengthening patient tracking mechanism &improving monitoring&evaluatio**

1. **Physical Achievement (2020-21)**

**Epidemiological status:-**

|  |  |  |
| --- | --- | --- |
| **Indicator** | **Achievements** | **Percentage** |
| No of New case detected | 09 | - |
| No of cases released from treatment (RFT) | 25 | - |
| Otherwise deleted | 0 | - |
| MB among new cases with % | 7 | 78% |
| PB among new cases with % | 2 | 22% |
| Child among new cases with % | 0 | 0 |
| Female among new cases with % | 3 | 33% |
| SC among new cases with % | 0 | 0 |
| ST among new cases with % | 2 | 22% |
| Deformity Gr. I among new cases with % | 4 | 44% |
| Deformity Gr. II among new cases with % | 0 | 0 |
| **Annual New case detection rate (per 1,00,000 population)** | **1.32** | **-** |
| **Prevalence rate (per 10,000 population)** | **0.11** | **-** |

**Graph**

**Trend of leprosy PR & ANCDR (Last 12 years)**

**Status on DPMR (Disability Prevention & Medical Rehabilitation)**

|  |  |
| --- | --- |
| **Indicator** | **Total Nos** |
| No. of reaction cases recorded | 4 |
| No. of grade-I disability | 0 |
| No. of grade II disability | 0 |
| No. of patient with eye involvement | 0 |
| No. of patient provided footwear | 15pts |
| No. of patient provided self-care kit | 09pts |
| Reconstructive surgery conducted | 0 |

**Training Achievements 2020-21**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sl.No.** | **Name of Training** | **Category of Personal** | **Training Load** | **Achievements** | **%** |
| 1 | 1 day training for | MOs | 30 | 22 | 73% |
| 2 | One day orientation training for | HS & HW | 90 | 80 | 89% |
| 3 | One day orientation training for | MLHP/MPHW | 120 | 120 | 100% |
| 4 | One day orientation training for | NTEP Staff | 120 | 120 | 100% |
| 5 | One day orientation training for | Lab. Technician | 87 | 63 | 72% |

**IEC Activities**

|  |  |  |
| --- | --- | --- |
| **Sl.No.** | **Name of State /UTs:-** | **Sikkim** |
| 1 | Total no of district in the state | 04 |
| 2 | Total no of blocks in the state | 26 |
| 3 | Total no of village in the state | 1040 |
| 4 | Total no of villages that conducted Gram Sabha and Sparsh Leprosy Awareness Campaign out of total villages | 750 |
| 5 | % of villages covered | 72% |
| 6 | Total no of urban activities conducted | 13nos |
| 7 | Name of the innovation introduce | Display standees, posters at all four district hospital as well as state referral hospital STNM Gangtok and Central referral Hospital Manipal |
| 8 | No. of IEC meetings at various level conducted during fortnight in rural areas | 168 no of IEC activities |
| 9 | No. of press releases, Advertisement made in urban areas | 2 no |
| 10 | Messages displayed on cable TV in Rural & Urban areas | 8 no |
| 11 | No. of TV programme for awareness/video message circulated through various TV channels in Rural & Urban areas | 3 no |
| 12 | No. of radio jingles/audio messages in Rural & Urban areas | 5 no |

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **National Leprosy Eradication Programme** | | | | | | | | | | | |
| **Details of Active Case Search and Regular Surveillance (ACD-RS) 2020-21** | | | | | | | | | | | |
| **NLEP** | | | | | | | | | | | |
| **Sl. No** | **Name of State/UT** | **Name of District** | **No. of Block PHC /Urban Covered** | **Enumerated Population** | **Population Eligible for screening** | **Screened Population** | **Suspects referred** | **Suspects examined** | **cases Confirmed** | **Cases Started MDT** | **Cases Completed MDT** |
| **(1)** | **(2)** | **(3)** | **(4)** | **(5)** | **(6)** | **(7)** | **(8)** | **(9)** | **(10)** | **(11)** | **(12)** |
| **1** | **Sikkim** | West District | Soreng | 1481 | 1416 | 1416 | 2 | 2 | 0 | 0 | 0 |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  | **Sikkim** | West District | **Soreng** | **1481** | **1416** | **1416** | **2** | **2** | **0** | **0** | **0** |

**Budgetary support & expenditure 2020-21**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Strategy/Activities** | **Physical Achievement** | | **Financial Achievement**  **₹ In Lakhs** | |
| **Approved/**  **Target** | **Achieved** | **Approved in RoP 2020-21**  **(₹)** | **Achieved (Expenditure 01.04.2020 to 31.03.2021)**  **(₹)** |
| Specific plan for high endemic Districts (Survey of Hard to reach areas) | 40 | 18 | 9.90 | 8.29 |
| Services in Urban Areas | 5 | 5 | 3.18 | 3.42 |
| ASHA Sensitization/Incentive to ASHA for case Detection | 16 | 19 | 0.68 | 0.68 |
| P.B. (Treatment Completion) | 7 | 3 | 0.03 | 0.01 |
| M.B. (Treatment Completion) | 13 | 6 | 0.08 | 0.04 |
| DPMR (MCR, Self-Care Kit & Aids & appliance) | 41 | 38 | 0.82 | 0.52 |
| Capacity Building (Training) | 18 | 13 | 7.02 | 5.64 |
| Travel expenses | 20 | 1 | 0.40 | 0.09 |
| Review Meetings | 10 | 5 online mode | 3.20 | 0.00 |
| Printing | 10600 | 10600 | 2.60 | 2.52 |
| Supportive Drugs, Lab. Reagents | 20 | 20 | 0.40 | 0.35 |
| Office operation-State Cell | 12 | 02 | 0.72 | 0.12 |
| Office equipmentState cell. | 1 | 0 | 0.60 | 0.00 |
| Office operation-District level | 12 | 06 | 0.96 | 0.79 |
| Consumables-State level | 12 | 06 | 0.60 | 0.78 |
| Consumables-District level | 48 | 38 | 0.96 | 0.76 |
| Mobility support-State level | 50 | 11 | 2.00 | 0.34 |
| Mobility support-District level | 48 | 17 | 6.72 | 2.38 |
| Others | 5 | 1 | 2.50 | 0.50 |
| **Total** | | | **43.37** | **26.28** |

1. **Physical Achievement (2021-22)**

**Epidemiological status:-**

|  |  |  |
| --- | --- | --- |
| **Indicator** | **Achievements Sept. 2021 till date** | **Percentage** |
| No of New case detected | 07 | - |
| No of cases released from treatment (RFT) | 25 | - |
| Otherwise deleted | 0 | - |
| MB among new cases with % | 5 | 71% |
| PB among new cases with % | 2 | 29% |
| Child among new cases with % | 0 | 0 |
| Female among new cases with % | 4 | 57% |
| SC among new cases with % | 2 | 28% |
| ST among new cases with % | 2 | 28% |
| Deformity Gr. I among new cases with % | 0 | 0 |
| Deformity Gr. II among new cases with % | 0 | 0 |
| Annual New case detection rate (per 1,00,000 population) | 1.02 | - |
| Prevalence rate (per 10,000 population) | 0.16 | - |

**Status on DPMR (Disability Prevention &Medical Rehabilitation)**

|  |  |
| --- | --- |
| **Indicator** | **Total Nos** |
| No. of reaction cases recorded | 2 |
| No. of grade-I disability | 0 |
| No. of grade II disability | 0 |
| No. of patient with eye involvement | 0 |
| No. of patient provided footwear | 0 |
| No. of patient provided self-care kit | 0 |
| Reconstructive surgery conducted | 0 |

**Training Achievements 2021-22**

**Training Status 2021-22 (Online Mode) CLTRI CHENGALPATTU**

|  |  |  |  |
| --- | --- | --- | --- |
| **S.No.** | **Participants** | **Date of training** | **No. of person trained** |
| 1 | PG Dermatology, Venereology & Leprosy | 31st May to 4th June 2021 | **04** |
| 2 | State/Dist. Leprosy Officers | 21st to 25th June 2021 | **04** |
| 3 | Data Entry Operations/MIS officials | 6th to 7th July 2021 | **04** |
| 4 | Physiotherapist | 26th to 29th July 2021 | **15** |

**Report of Active Case Search and Regular Surveillance (ACD-RS) 2021-22**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Name of State /UT** | **Name of District** | **Block/PHC/PHSC** | **Enumerated population of district** | **Population eligible for screen at district** | **Screened population** | **Suspect referred** | **Suspect examined** | **Case confirmation** | **Case start treatment** |
| **Sikkim** | **East Sikkim** | **Pakyong** | **2260** | **2243** | **2243** | **8** | **8** | **0** | **0** |
| **Middle Camp PHSC** | **379** | **379** | **379** | **0** | **0** | **0** | **0** |
| **Mazitar PHSC** | **942** | **942** | **942** | **0** | **0** | **0** | **0** |
| **North Sikkim** | **DH Mangan** | **2070** | **1427** | **1427** | **1** | **1** | **0** | **0** |
| **Naga PHSC** | **455** | **455** | **455** | **0** | **0** | **0** | **0** |
| **Chungthang** | **983** | **983** | **983** | **0** | **0** | **0** | **0** |
| **Total** | | | **7089** | **6429** | **6429** | **9** | **9** | **0** | **0** |

1. **Budgetary support & expenditure 2021-22**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Strategy/Activities** | **Physical Achievement** | | **Financial Achievement**  **₹ In Lakhs** | |
| **Approved/**  **Target** | **Achieved** | **Approved in RoP 2021-22**  **(₹)** | **Achieved (Expenditure 01.04.2021 to 30.09.2021)**  **(₹)** |
| Specific plan for high endemic Districts (active case detection Survey) | 87 | 18 | 16.31 | 0.00 |
| Services in Urban Areas | 0 | 0 | 0 | 0 |
| ASHA Sensitization | 614 | 40 | 2.03 | 0.00 |
| Incentive to ASHA for case Detection | 20 | 7 | 0.05 | 0.00 |
| P.B. (Treatment Completion) | 7 | 2 | 0.03 | 0.00 |
| M.B. (Treatment Completion) | 13 | 5 | 0.08 | 0.00 |
| Support to Govt. Institution for RCS | 8 | 0 | 4.00 | 0.00 |
| DPMR at Camps | 2 | 0 | 0.30 | 0.00 |
| DPMR (MCR, Self-Care Kit & Aids & appliance) | 38 | 0 | 0.76 | 0.00 |
| Capacity Building (Training) | 6 | 0 | 2.00 | 0.00 |
| Travel expenses | 20 | 0 | 0.80 | 0.00 |
| Review Meetings | 10 | 2 | 2.00 | 0.00 |
| Printing | 1500 | 0 | 3.00 | 0.00 |
| Supportive Drugs, Lab. Reagents | 20 | 0 | 0.10 | 0.00 |
| Office operation-State Cell | 12 | 0 | 0.75 | 0.00 |
| Office equipmentsmaint. State cell. | 1 | 0 | 0.50 | 0.00 |
| Office operation-District level. | 12 | 0 | 0.96 | 0.00 |
| Consumables-State level | 12 | 0 | 0.72 | 0.00 |
| Consumables-District level | 12 | 0 | 0.96 | 0.00 |
| Mobility support-State level | 4 | 0 | 2.00 | 0.00 |
| Mobility support-District level. | 6 | 0 | 6.00 | 0.00 |
| Sub-National Disease free certificate: Leprosy | 5 | 0 | 5.50 | 0.00 |
| BCC/IEC | 5 | 0 | 3.75 | 0.00 |
| **Total** | | | **52.60** | **0.00** |