



**DIRECTORATE GENERAL HEALTH SERVICES PUNJAB
24-COOPER ROAD, LAHORE**

**Subject: VISIT REPORT OF DISTRICT JHELUM IN RESPONSE OF
UPSURGE IN LEISHMANIASIS CASES**

Keeping in view the situation of raising number of Leishmania cases in District Jhelum, there was urgent need to perform Monitoring & Evaluation (M&E) activities and to support the District Health Authority, Jhelum for the rectification of gaps in Leishmania Prevention & Control activities.

Director General Health Services, Punjab constituted a Provincial to monitor and supervise Leishmania prevention & control activities and to provide the technical support to strengthen and to effectively combat the outbreak situation.

Provincial Team reached in the office of Chief Executive Officer, District Health Authority, Jhelum on **01-03.06.2023** and after a comprehensive meeting with Chief Executive Officer, District Health Officer (Preventive Services), District Surveillance Coordinator/ Incharge DDSRU regarding prevailing Leishmania cases situation and ongoing prevention & control activities.

Afterwards Provincial Team moved to field in Tehsil Pind Dadan Khan (Khewra Town) that was epicenter of the reported cases. District Health Officer (HR&MIS), Deputy District Health Officer, District Entomologist, Tehsil Sanitary Inspector, School Health Nutrition Supervisor and Lady Health Supervisor also accompanied during the field visit.

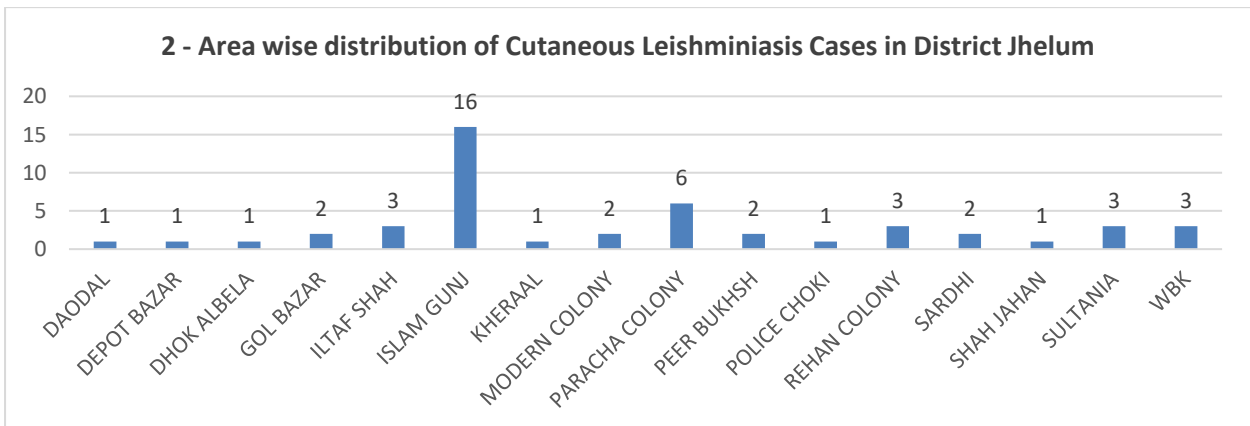
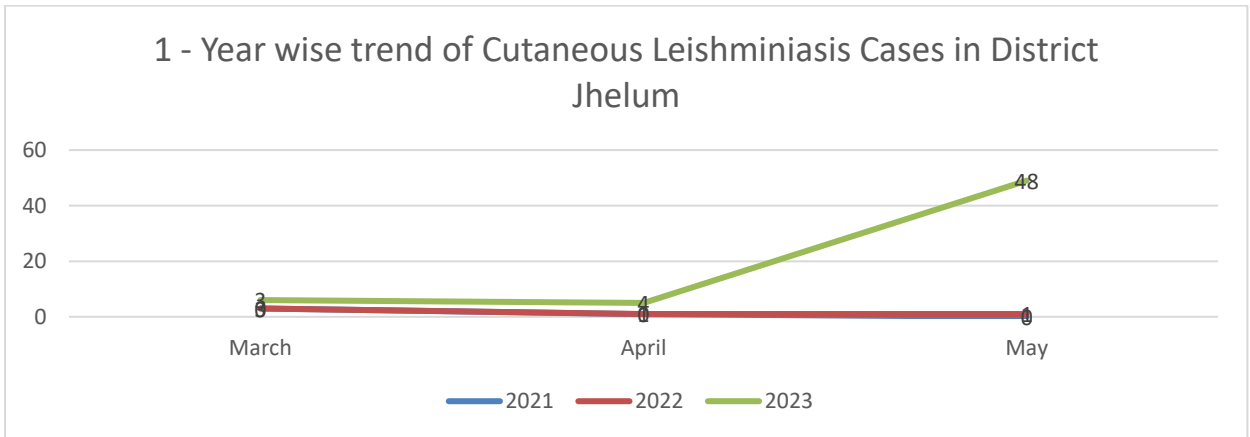
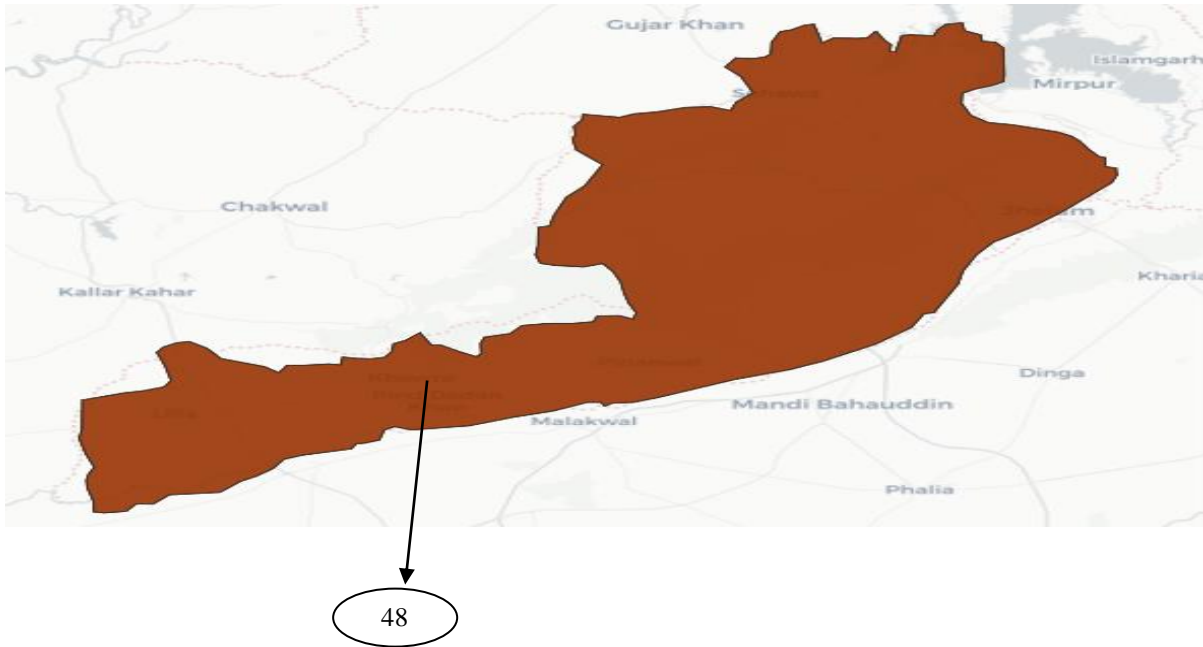
Case Definition (Cutaneous Leishmaniasis):

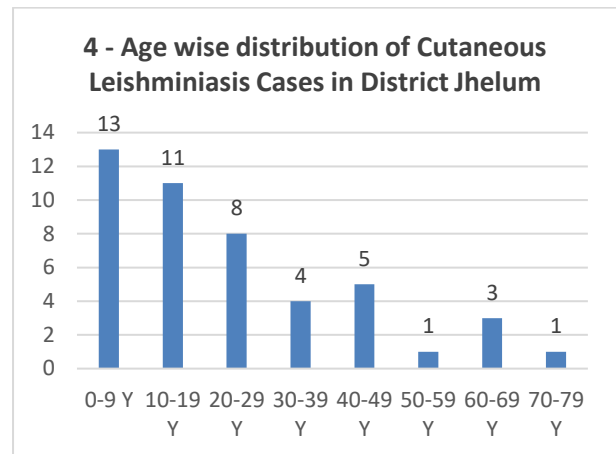
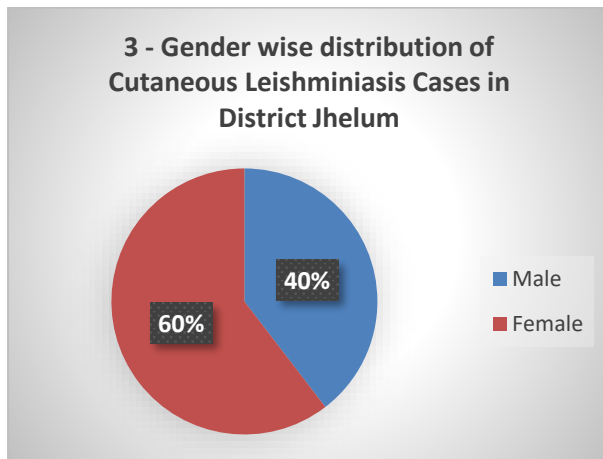
“Appearance of one or more lesions, typically on uncovered parts of the body; the face, neck, arms and legs, which begins as nodules and turn into skin ulcers eventually healing but leaving a depressed scar.”

ANALYTICS:

Data collected from active surveillance by the team and analytics performed on data are as follow:

Spot Map of Leishminiasis Cases in District Jhelum:





OBSERVATIONS:

- Figure 1: Indicates from month March to May (2021-2023) sudden apprise of **Suspected CL cases (48)** in small geographical area of tehsil Pind Dadan Khan located in Urban UC of Khewra.
- Figure 2: Cutaneous Leishminiasis were reported form 16 different areas while 16 cases belong to **ISLAM GUNJ** in Urban UC of Khewra.
- Figure 3: 40% (19) cases of male were reported and 60% (29) female cases were reported in Jhelum.
- Figure 4: Most of the cases 27% (13) belong to age group 0 - 9 Yrs, 22.9% (11) cases belong to age group 10 - 19 Yrs, 16.6% (8) cases belong to age group 20 - 29 Yrs, 8.3% (4) cases belong to age group 30 - 39 Yrs, 10.4% (5) cases belong to age group 40 - 49 Yrs, 2.08% (1) cases belong to age group 50 - 59 Yrs, 6.25% (3) cases belongs to age group 60 - 69 Yrs, & 2.08% (1) cases belongs to age group 70 - 79 Yrs.
- Physically checked the cases and lesions were observed in patients but all were stable
- Screening of all effected patients was done by the Dermatologist of DHQ Hospital Jhelum and according to his diagnosis the cases were confirmed Leishmania cases and Glucantime injections were given by the Dermatologist according to need.
- Out of total 48 cases, 04 cases were having travel history of District Chakwal Choa Saidan Shah
- Door marking of the case response was not mentioned
- Lack of Health Education & awareness in the community regarding Leishmania prevention
- Awareness material was not displayed any prominent places

RECOMMENDATIONS:

1. Extensive disease surveillance and timely case response must be ensured
2. Ensure proper and timely entry of all Leishmania cases on DHIS2/DSS dashboard
3. Regular and timely removal of garbage be ensured through LG&CD Department
4. For awareness of the Farmers, Livestock & Agriculture Departments must be engaged
5. Social Mobilization and awareness activities on Personal Protection needs to be enhanced

