

# Leishmaniasis

# **UGANDA**



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## Country General Information (WHO, 2013)

| Total population: | 36,573,387    | Age group <15/>14 years, %:               | 48% / 52%   |  |
|-------------------|---------------|---|-------------|--|
| Gender (%, F/M):  | 49.9% / 50.1% | Life expectancy at birth in years (F/M):  | 61 / 57     |  |
| GDP (PPP int \$)  | 1370          | Number of 3rd sub-national administrative | 146, County |  |
| Income status:    | Low           | level divisions, name:                    | 140, County |  |

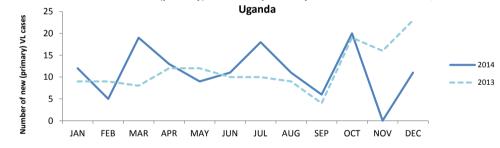
## Epidemiology

|  | VL         | CL            | PKDL        | MCL         |  |  |
|--|------------|---------------|-------------|-------------|--|--|
| Endemicity status:   | Endemic    | Non endemic   | Non endemic | Non endemic |  |  |
| Number of new cases (incidence):   | 131        | N/A           | N/A         | N/A         |  |  |
| Number of relapse cases:   | 4          | N/A           | N/A         | N/A         |  |  |
| Total number of cases:   | 135        | N/A           | N/A         | N/A         |  |  |
| Imported cases (n, %):   | 103 76%    | No data       | N/A         | N/A         |  |  |
| Gender distribution (% F):   | 24%        | N/A           | N/A         | N/A         |  |  |
| Age group distribution (%, < 5/5-14/>14):  | (15/50/38) | N/A           | N/A         | N/A         |  |  |
| Incidence rate (cases/10 000 population in endemic areas):   | No data    | N/A           | N/A         | N/A         |  |  |
| Endemic 3rd sub-national administrative level divisions for VL or CL (n):  | No data    | N/A           | N/A         | N/A         |  |  |
| Population at risk <sup>1</sup> (%, n/total):  | No data    | N/A           | N/A         | N/A         |  |  |
| Was there any outbreak?  | Unknown    | Not available | N/A         | N/A         |  |  |
| Number of new <sup>2</sup> foci:   | 0          | Not available | N/A         | N/A         |  |  |
| N/A = not applicable VL = visceral leishmaniasis CL = cutaneous leishmaniasis PKDL = post-kala-azar dermal leishmaniasis MCL = mucocutaneous leishmaniasis |            |               |             |             |  |  |

#### Monthly distribution of new cases January-December

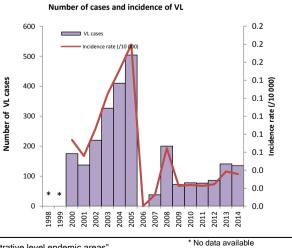
| 20 | <b>14</b> JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | ОСТ | NOV | DEC |
|----|---------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| VL | 12            | 5   | 19  | 13  | 9   | 11  | 18  | 11  | 6   | 20  | 0   | 11  |
| CL | 0             | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |

#### Number of new (primary) VL cases reported by month in 2013 and 2014,



#### Indicence rate/10 000 population and number of new CL (left) and new (primary) VL (right) cases from 1998 to 2014

Not endemic for CL



<sup>1</sup> Defined as "Number of people living in 3rd sub-national administrative level endemic areas"

<sup>2</sup> For this reporting period, an area at the 3rd sub-national administrative level reporting cases for the first time ever

<sup>3</sup> Incidence rate at the national level



## Distribution of new CL (left) and new (primary) VL (right) cases

Not endemic for CL

No data reported on the provenance of the VL cases, but all the cases were reported from one health facility in Amudat district (Northern region).

### Control and surveillance

| Year Leishmaniasis National Control<br>Programme (LNCP) was established: | Not available | Year latest national guidelines were<br>published:           | Not available |
|--|---------------|--|---------------|
| Type of surveillance:  | Not available | Is leishmaniasis a notifiable disease (mandatory reporting)? | Not available |
| Is there a vector control programme?                                     | Not available | Is there a reservoir host control programme?                 | Not available |
| Type of insecticide used for IRS:  | Not available | Number of leishmaniasis health facilities:                   | Not available |

### Diagnosis

| 0   | VI                      | L         | CL                   | PKDL                                       | MCL |  |
|---|-------------------------|-----------|----------------------|--|-----|--|
| Number of people screened actively for:                                     | 10                      | 9         | N/A                  | N/A  | N/A |  |
| Number of people screened passively for:                                    | 29                      | 7         | N/A                  | N/A  | N/A |  |
| VL cases diagnosed by RDT*<br>(%, RDT+/total VL cases):                     | 0%                      | (0/131)   | N/A                  | N/A  | N/A |  |
| Proportion of positive RDT*<br>(%, RDT+/total RDT):                         | 26%                     | (107/406) | N/A                  | N/A  | N/A |  |
| Cases diagnosed by direct exam<br>(parasitology) (%, slides +/total cases): | 100%                    | (135/135) | N/A                  | N/A  | N/A |  |
| Proportion of positive slides<br>(%, slides +/total slides):                | No d                    | ata       | N/A                  | N/A  | N/A |  |
| Cases diagnosed clinically<br>(%, nb clinical cases/total cases):           | 0%                      | (0/135)   | N/A                  | N/A  | N/A |  |
| Percentage of cases with HIV-VL coinfection:                                | 0%                      | (0/135)   | N/A                  | N/A  | N/A |  |
| * These indicators apply only for new (primary) VL cases                    | /L = visceral leishmani | CL = cut  | aneous leishmaniasis | PKDL = post-kala-azar dermal leishmaniasis |     |  |

N/A = not applicable RDT: rapid diagnostic test HIV: human Immunodeficiency virus MCL = mucocutaneous leishmaniasis

### Treatment and medicines

| Is treatment provided free of charge in the public sector?                      | Not available |
|---|---------------|
| Antileishmanial medicines included in the national List of Essential Medicines: | Not available |

| TREATMENT OUTCOME  |      | VL                           |  |
|--|------|------------------------------|--|
| Proportion of relapse cases: <sup>3</sup>  | 3%   | (4/135)                      |  |
| Initial cure rate:   | 100% | (131/131)                    |  |
| Failure <sup>4</sup> rate:   | 0%   | (0/131)                      |  |
| Case-fatality rate:  | 0%   | (0/131)                      |  |
| <sup>3</sup> A relapse case in this country is defined as:<br><sup>4</sup> A failure case in this country is defined as: |      | on available<br>on available | Data source: Ministry of Health, Kenya and Drugs for Neglected<br>Diseases initiative (DNDI)<br>© WHO 2014. All rights reserved. |