

Leishmaniasis – A Critical Review

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Abstract:

Leishmaniasis is a group of disease caused due to vector-bone parasitic protozoa of genus *Leishmania*. Leishmaniasis is endemic from Northern Argentina to Southern Texas, in southern Europe, Asia (except southern Asia), the Middle East and Africa cases are most common in eastern and northern regions. The intradermal inoculation of promastigote stage of Leishmaniasis is result of bite of an infected sand fly. It represents a complex of diseases with identical clinical and epidemiological diversity. The type of Leishmaniasis includes cutaneous leishmaniasis, visceral leishmaniasis, and mucosal leishmaniasis. Diagnosis can be done by different techniques. The treatment efficacy varies with resistance pattern and infecting species.

Keywords: Leishmaniasis, protozoa, *L. donovani*.