

Current Situation: Leishmaniasis in Africa

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LEAP

Current Situation: Leishmaniasis in Africa

Current situation of African Leishmaniasis is a product of great changes in patients access to treatment, improved diagnosis/management and the use of modern epidemiological tools.

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**These great changes took place in the last
fifteen years.**

We have been there in the flesh!!!!

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- **Epidemiology of Leishmaniasis:**
 - **Innovative tools:**
 - **Remote Sensing & Geographical Information system**
 - **Rapid Assessment of Patterns *Leishmania donovani* Infections: application of Geographic Information System**
 - **Re-purposing of tools like the Leishmanin skin test**

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- **Epidemiology of Leishmaniasis**
 - **New Leishmaniasis Foci**
 - White Nile State, Central Sudan
 - Fashir Area, Western Sudan
 - **New modernized Treatment Centers**
 - Gondor, Arba Minch, Kimalel, Amodat, Katchaleba, Prof Elhassan Centre, Um Elkhier

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- **Diagnosis of Leishmaniasis:**
 - **Guidelines for diagnosis were developed/implemented**
 - **Improved diagnostic tools**
 - **Serological [DAT, RDT]**
 - **Leishmania Antigen detection tests**
 - **Leishmanin Skin Test [LST]**
 - **Molecular techniques [PCR, qPCR, LAMP]**

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- **Epidemiology of Leishmaniasis**
 - Cases detection and treatment
 - Impregnated bed nets
 - **Leishmaniasis Vaccines [Wealth of knowledge]**
 - Preventive Vaccines
 - Therapeutic Vaccines

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– Treatment of Leishmaniasis:

- From SSG alone to
- Combination Treatment
- Liposomal Amphotericin B [Ambisome]
- Oral treatment

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- The improved current situation of African Leishmaniasis is a product of:
 - Team Work>> **L**eishmaniasis **E**ast **A**frica **P**latform
[vs Individual Researchers/Research Groups, Universities & Institutes].

Conclusion

Current Situation of Leishmaniasis in Africa

With improved Access to Treatments is a product of working together and through Partnerships between Leishmaniasis Control Programs, Academia and NGOs

PEOPLE IN LEISHMANIASIS ENDEMIC AREAS!!!!