

Challenges for Clinical R&D

- Research capacity
- Health system barriers
 - Infrastructure
 - Logistics
 - Communications
- Geography/climate
- Different regulatory environments
- Funding

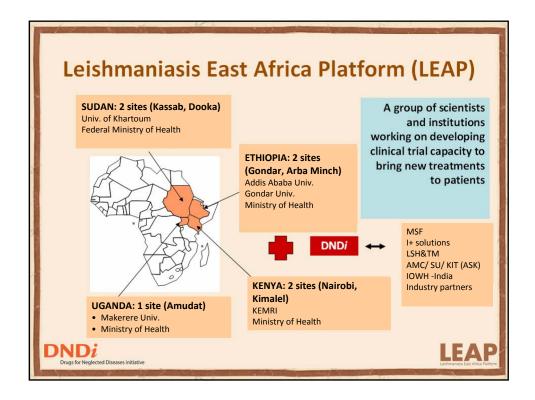




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Idea for Platforms Started in 2003

- 1st DNDi Africa meeting
 - 7-9 May 2003, Nairobi: 18 African countries, 71 participants
- Neglected, marginalized, forgotten, invisible diseases
- Consensus conclusion: more action, fewer words
- Desire to collaborate to solve many health crises plaguing Africa
 - For diseases urgently needing improvement of treatments: LEAP, HAT Platform



LEAP Objectives

- Facilitate clinical testing and registration of new treatments for VL in the region (Ethiopia, Kenya, Sudan and Uganda)
- Evaluate, validate and register improved options that address regional needs for VL
- Provide capacity strengthening for drug evaluation and clinical studies in the region



Activities Coordination

- DNDi Africa office at KEMRI established
 - Building and coordination of African LEAP network
 - Support implementation of DNDi research projects
 - Advocacy campaigns: African neglected diseases
- Biannual investigator meetings to coordinate
 - R&D activities
 - Share experiences
 - Conduct training
 - Liaise with clinical monitors and Data safety monitoring board

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The LEAP Team



(Photo courtesy of Dr M Wasunna)

Activities Training

- A needs-driven approach, adapted per region
- Training of investigators to conduct research to international standards: Good Clinical Practice
 - Training of trial staff (needs, level, methods)
 - Ethics concepts (GCP, informed consent etc)
 - Standard operating procedures (SOPs)
 - Documentation & Safety reporting
- Disease training: patient assessment and care, diagnosis & lab training, etc
- Training for Monitors and DSMB

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Activities Infrastructure upgrades 1. Ethiopia, Gondar University Hospital: LR&TC Previous VL Treatment ward Gondar 2. Kenya, Kimalel Health centre – opened as a LEAP site in January 2009 3. Sudan, Dooka- development of a Laboratory Technologist & Clinical training centre, treatment centre & research site



Capacity strengthening

Renovation and re-equipping of clinical laboratories to high standards

April to June 2007: AMREF laboratory audits in Kenya, Sudan & Ethiopia

Positive and recommendations prioritized and gradually implemented



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Activities Research

- · Facilitate multi-country, multi-centre studies
 - Paromomycin
 - AmBisome®
 - Miltefosine (in preparation)
 - Regional drug sensitivity testing
 - Others studies: cost effectiveness evaluations
- Regional pool of clinical trial expertise has been created
 - LEAP Platform serving as forum for members to share their clinical & research experience

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Activities Adapting national guidelines

- The platform supports the review and roll out of VL National Guidelines for member countries
 - National Diagnosis and Treatment Guidelines in Ethiopia are being rolled out.
 - National VL treatment guidelines are available for Sudan and Kenya.
 - The Uganda VL treatment guidelines are about to be finalized.

Activities Communications

- Communicating work of DNDi & advocacy for NTD s
 - Platform meetings, newsletters, stakeholders' meetings
- International dissemination of scientific results
 - Various presentations and symposia at key international meetings including RSTMH in 2007 and WorldLeish2009



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Lesson learned

- Difference in cultural backgrounds appreciated in order to continue working as a team
- Communication and frequent consultations key to success of platform & in steering activities
- A wide membership of the platform: MoH and regulatory authorities of member countries that provide desired support towards achieving the platforms objectives
- Each member institution appreciated as an equal partner that plays an integral part towards the success of the platform

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