

Leveraging the Expand TPT Campaign to optimize TB case detection rates in Iganga District

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Introduction & Research Objectives

- Uganda is a high burdened TB country, estimated incidence rate 200 per 100,000 populations, mortality 35 per 100,000 (*WHO Fact sheet, TREAT TB 2019*).
 - Ugandan MoH under the NSP 2021-2025 recommends community case finding approaches as very effective at increasing TB case detection as well as prevention.
 - World Alliance for Lung and Intensive Care Medicine- Uganda(WALIMU) in 2023 rolled out the Expand TPT campaign in Iganga district as an approach to preventing the transition to active TB disease for people with latent TB infection and ending TB in the district by 2025.
 - By March 2023, Iganga district was performing sub- optimally at 52% of the annual target of TB case detection.
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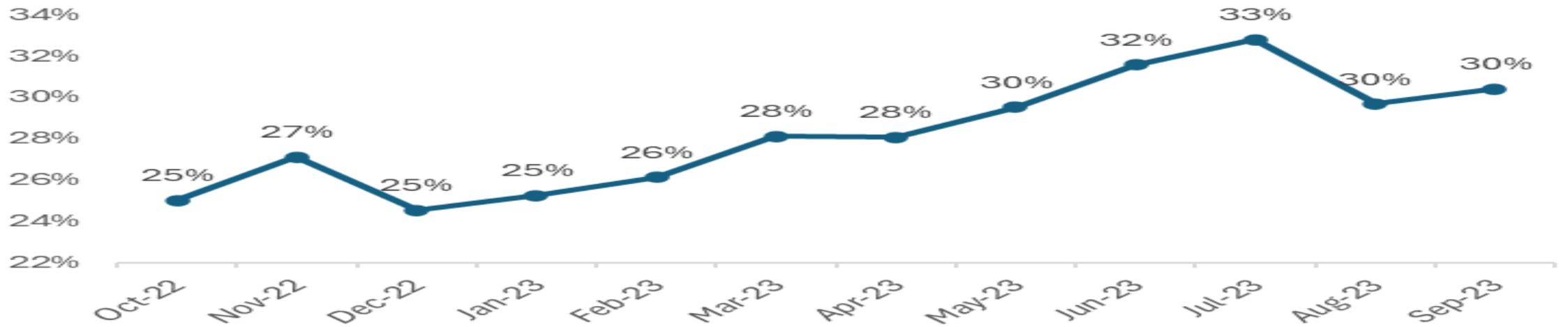
Design, Methods, & Analysis

- Three health facilities of Bugono HC IV, Iganga M/C HC III and Namungalwe HC III were selected to participate in the campaign.
 - A total of 6 staff which included 2 Health workers, 2 Community volunteers and 2 community riders were trained for 5days at each of the facilities on TB contact tracing, TPT eligibility.
 - Data clerks were re-oriented on TB indicators and allocated MIFIs to facilitate entry of weekly TB surveillance, monthly and quarterly reports.
 - Contacts of PBC cases were line-listed and home/community visits conducted to reach to them.
 - All presumptive contacts had samples picked from community to facility for GeneXpert testing, while non-presumptives were issued with TPT.
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Key Findings/Issues

Period	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23
FY23 Annual TB case finding target	584	584	584	584	584	584	584	584	584	584	584	584
Cumm TB cases identified in Iganga District in FY23	44	107	159	218	245	306	360	400	466	531	681	737
%Ach'vt of TB case finding agnst annual target	8%	18%	27%	37%	42%	52%	62%	68%	80%	91%	117%	126%
Cumm TB cases identified in pilot sites	11	29	39	55	64	86	101	118	147	174	202	224
Contribution of total cases by pilot sites	25%	27%	25%	25%	26%	28%	28%	30%	32%	33%	30%	30%

Contribution to total TB case finding of Iganga District by the Expand TPT campaign pilot sites (Bugono HC IV, Iganga M/C HC III and Namungalwe HC III)





Implications for the National TB/Leprosy Response

- Community TPT campaigns/contact tracing provide an opportunity to reach out to inaccessible populations with TB screening and Diagnostic intervention hence contributing to the global plan of ending TB by 2030 through early diagnosis and notification.
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- Other USAID Partners in East Central Uganda

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