

Project Brief: ACT-TB: Acceptability of Community Testing for TB by tongue swabs

Full Title of Study/Programme	ACT-TB: Acceptability of Community Testing for TB by tongue swabs.
Full Title of Study/Programme (Parent study).	ACT-TB: Acceptability of Community Testing for TB by tongue swabs
Technical Focus Area/Key Words	Tongue swabs research in adults over 18 years
Rationale	This study aims to evaluate the implementation of TB tongue swab screening across multiple community-based screening locations within the City of Joburg region A & C.
Primary Objectives	1.To determine the willingness, acceptability and uptake of tongue swab self-collection for TB screening. 2.To estimate TB yield, sensitivity and specificity, from tongue-swab self-collection in individuals in a community-based setting. 3.To determine the sensitivity of cough recording analysis with machine learning in a community-based setting compared to microbiological results obtained from tongue swab and sputum testing.
Primary Endpoint/Outcome	The proportion of approached participants who consent to participate and completion rates of those who finish the tongue swab process. The proportion of positive TB results among all participants who were offered a kit. The specificity and positive and negative predictive values to evaluate diagnostic performance comprehensively
Investigators	Dr Jeanne Coetzee, Principal Investigator Dr Lee Fairlie, Sub Investigator Dr Mrinmayee Dhar, Sub Investigator
Sponsors/Donors	Bill & Melinda Gates Foundation
Overall Study/Project Contact	Griffiths Kubeka Jeanne Coetzee
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