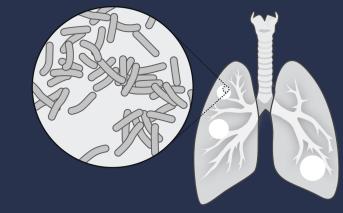
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Cost-Effectiveness of Alternative Strategies for Tuberculosis Household Contact Investigation in Rural and Urban South Africa





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Introduction			Methodology	
 High Risk of TB Among Contact Persons ~>40% have latent TB infection.¹ Challenges in LMICs: Contact persons are often unavailable during business hours.^{2,3} Cost-effectiveness Question: Is <u>extending</u> routine hours of standard household contact investigation (HCI) cost-effective? 		 Health Outcon disabilit Comp Cost 	 Costs from expenditures (Jan 1 – Dec 31, 2022). Health system perspective. Outcome: Incremental cost per TB-attributable disability-adjusted life-year (DALY) averted. Compared to a <u>no-HCI scenario.</u> 	
Strategies			Findings	
 Rural Limpopo: Standard HCI (weekdays 08:00 –16:00) vs. public holiday periods. Urban Soshanguve: Standard HCI vs. off-peak (after 16:00 and weekends). 			gure 1: Incremental Cost-Effectiveness	
Treatment Arm	Cost per DALY Averted (2022 USD)	နာ (150,000- ပိ		
Standard (Rural)	<u>\$2,900 [\$2,100 - \$4,000]</u>	ug 100,000-		
Holiday	\$4,500 [\$2,800 - \$6,300]	Crer		

