

S2 Table: Constructs of acceptability associated with the willingness to use VOT in Ha Noi

Constructs of healthcare intervention acceptability and their components	Would use VOT (N= 15)		Would not use VOT (N=2)		Mann-Whitney U test
	Median (IQR)	Mean (95%CI)	Median (IQR)	Mean (95%CI)	
Ethicality^a					
Doctor's belief that observation is best strategy for adherence	4 (4-5)	4.5 (4.2-4.7)	3.5 (3-4)	3.5 (2.4-4.6)	0.060
Doctor's willingness to test new approaches	4 (4-5)	4.3 (3.9-4.6)	2.5 (2-3)	2.5 (1.4-3.6)	0.018
Intervention Coherence^a					
VOT would help identify side effects faster	4 (3-4)	3.6 (3.1-4.1)	2 (2-2)	2.0 (2.0-2.0)	0.042
VOT would help identify people at risk of stopping treatment faster	4 (4-4)	4.0 (3.6-4.4)	4 (4-4)	4.0 (4.0-4.0)	0.853
Burden^b					
VOT time requirement from doctor	4 (3-4)	3.5 (3.1-3.9)	2 (2-2)	2.0 (2.0-2.0)	0.026
VOT time requirement from patient	3 (2-4)	3.2 (2.7-3.7)	2.5 (2-3)	2.5 (1.4-3.6)	0.267
Opportunity Cost^a					
VOT would save time for doctor	4 (3-4)	3.7 (3.3-4.2)	3 (2-4)	3.0 (0.9-5.1)	0.371
VOT would save money for doctor	3 (2-4)	3.2 (2.7-3.7)	2 (2-2)	2.0 (2.0-2.0)	0.085
Perceived Effectiveness^a					
VOT would help in providing differentiated care	4 (4-4)	3.9 (3.5-4.3)	2 (2-2)	2.0 (2.0-2.0)	0.014
VOT would help patients adhere to treatment	4 (4-4)	4.1 (3.9-4.4)	3 (2-4)	3.0 (0.9-5.1)	0.115
Self-Efficacy^a					
Doctor's confidence in ability to monitor treatment through VOT	4 (3-4)	3.7 (3.3-4.1)	2.5 (2-3)	2.5 (1.4-3.6)	0.043
Doctor's confidence in ability to provide differentiated care through VOT	4 (4-4)	3.8 (3.4-4.2)	2 (2-2)	2.0 (2.0-2.0)	0.014
Affective Attitude^a					
Addresses problems which patients face	4 (3-4)	3.7 (3.4-4.1)	3.5 (3-4)	3.5 (2.4-4.6)	0.538
Be beneficial for doctor's practice and patients	4 (4-4)	3.9 (3.5-4.3)	3.5 (3-4)	3.5 (2.4-4.6)	0.266
Be relevant for all of doctor's TB patients	2 (2-3)	2.5 (2.1-2.9)	2 (2-2)	2.0 (2.0-2.0)	0.320
Implementation/Usability^a					
Doctor's concerns about patient confidentiality	3 (2-4)	2.9 (2.4-3.5)	3 (2-4)	3.0 (0.9-5.1)	0.935
Doctor's comfort with receiving support from study staff	4 (4-4)	3.9 (3.6-4.3)	4 (4-4)	4.0 (4.0-4.0)	0.853

^a: 1 (Strongly Disagree) to 5 (Strong Agree)

^b: 1 (Very difficult) to 5 (Very easy)