

Appendix 1: Data on 341 patients, where the results of both index and reference as well as treatment were available. The red boxes contain cases where the GP was not compliant with the test result. The red numbers are cases where the treatment was inappropriate for any of the reasons stated in Table 3 in the main manuscript.

Enrolled+reference 341 patients							
Culture and susceptibility testing 179				Culture-only 162			
Index test positive 127		Index test negative 52		Index test positive 119		Index test negative 143	
Reference test positive 96	Reference test negative 31	Reference test positive 15	Reference test negative 37	Reference test positive 95	Reference test negative 24	Reference test positive 9	Reference test negative 34
True positives treated: App: 84 Inapp: 12	False positives treated: 31	False negatives treated: App: 1 Inapp: 1	True negatives treated: 2	True positives treated: App: 88 Inapp: 6	False positives treated: 22	False negatives treated: App: 2 Inapp: 1	True negatives treated: 5
True positives not treated: 0	False positives not treated: 0	False negatives not treated: 13	True negatives not treated: 35	True positives not treated: 1	False positives not treated: 2	False negatives not treated: 6	True negatives not treated: 29

Green boxes: GPs compliant with test result

Red boxes: GPs not compliant with test results

Green numbers: Appropriate treatments

Red numbers: Inappropriate treatments