

## Supplementary data

**Table S1. Combinations of antibiotics used in patients**

| Antibiotics used in prior treatments | 1 treatment failure (n=40) | 2 treatment failures (n=79) | ≥3 treatment failures (n=81) |
|--------------------------------------|----------------------------|-----------------------------|------------------------------|
| AMO/CLA                              | 10 (25%)                   | 11 (13.9%)                  | 0                            |
| AMO/MTZ                              | 2 (5%)                     | 5 (6.3%)                    | 0                            |
| AMO/LEV                              | 1 (2.5%)                   | 2 (2.5%)                    | 0                            |
| CLA/MTZ                              | 16 (40%)                   | 5 (6.3%)                    | 0                            |
| MTZ/LEV                              | 2 (5%)                     | 1 (1.3%)                    | 0                            |
| CLA/LEV                              | 6 (15%)                    | 2 (2.5%)                    | 0                            |
| CLA/MTZ/LEV                          | 0                          | 5 (6.3%)                    | 6 (7.4%)                     |
| AMO/CLA/MTZ                          | 0                          | 18 (22.8%)                  | 16 (19.8%)                   |
| AMO/CLA/LEV                          | 0                          | 20 (25.3%)                  | 13 (16%)                     |
| AMO/MTZ/LEV                          | 0                          | 1 (1.3%)                    | 1 (1.2%)                     |
| AMO/CLA/MTZ/LEV                      | 0                          | 2 (2.5%)                    | 31 (38.3%)                   |
| AMO/MTZ/LEV/GEN                      | 0                          | 0                           | 1 (1.2%)                     |
| AMO/CLA/MTZ/GEN                      | 0                          | 0                           | 1 (1.2%)                     |
| AMO/CLA/MTZ/TET                      | 0                          | 0                           | 2 (2.5%)                     |
| AMO/CLA/MTZ/FUR                      | 0                          | 0                           | 2 (2.5%)                     |
| AMO/CLA/MTZ/LEV/FUR                  | 0                          | 0                           | 4 (4.9%)                     |
| AMO/CLA/MTZ/TET/FUR                  | 0                          | 0                           | 1 (1.2%)                     |
| Other                                | 1 (2.5%)                   | 3 (3.8%)                    | 3 (3.7%)                     |
| Unknown                              | 2 (5%)                     | 4 (5.1%)                    | 0                            |

Data are n (%). AMO, amoxicillin; CLA, clarithromycin; MTZ, metronidazole; LEV, levofloxacin; TET, tetracycline; GEN, gentamicin; FUR, furazolidone.