

# Supplementary Materials

**Data S1: Combination of causative microorganisms in polymicrobial infections and number of occurrence**

|     | <b>Causative microorganism 1</b>    | <b>Causative microorganism 2</b>      | <b>Causative microorganism 3</b> | <b>Causative microorganism 4</b> | <b>Number</b> |
|-----|-------------------------------------|---------------------------------------|----------------------------------|----------------------------------|---------------|
| 1.  | <i>Staphylococcus epidermidis</i>   | <i>Cutibacterium acnes</i>            |                                  |                                  | 3             |
| 2.  | <i>Staphylococcus capitis</i>       | <i>Cutibacterium acnes</i>            |                                  |                                  | 3             |
| 3.  | <i>Staphylococcus hominis</i>       | <i>Cutibacterium acnes</i>            |                                  |                                  | 2             |
| 4.  | <i>Staphylococcus epidermidis</i>   | <i>Cutibacterium granulosum</i>       |                                  |                                  | 2             |
| 5.  | <i>Staphylococcus saprophyticus</i> | <i>Staphylococcus warneri</i>         |                                  |                                  | 1             |
| 6.  | <i>Staphylococcus lugdunensis</i>   | <i>Cutibacterium acnes</i>            | <i>Enterococcus faecalis</i>     |                                  | 1             |
| 7.  | <i>Staphylococcus haemolyticus</i>  | <i>Cutibacterium acnes</i>            |                                  |                                  | 1             |
| 8.  | <i>Staphylococcus haemolyticus</i>  | <i>Enterococcus faecalis</i>          |                                  |                                  | 1             |
| 9.  | <i>Staphylococcus epidermidis</i>   | <i>Staphylococcus lugdunensis</i>     |                                  |                                  | 1             |
| 10. | <i>Staphylococcus epidermidis</i>   | <i>Staphylococcus aureus</i>          |                                  |                                  | 1             |
| 11. | <i>Staphylococcus epidermidis</i>   | <i>Staphylococcus hominis</i>         |                                  |                                  | 1             |
| 12. | <i>Staphylococcus epidermidis</i>   | <i>Staphylococcus caprae</i>          |                                  |                                  | 1             |
| 13. | <i>Staphylococcus epidermidis</i>   | <i>Enterococcus faecalis</i>          |                                  |                                  | 1             |
| 14. | <i>Staphylococcus capitis</i>       | <i>Cutibacterium granulosum</i>       |                                  |                                  | 1             |
| 15. | <i>Staphylococcus capitis</i>       | <i>Staphylococcus saccharolyticus</i> |                                  |                                  | 1             |
| 16. | <i>Cutibacterium granulosum</i>     | <i>Mycobacterium tuberculosis</i>     |                                  |                                  | 1             |
| 17. | <i>Enterococcus faecalis</i>        | <i>Staphylococcus aureus</i>          |                                  |                                  | 1             |
| 18. | <i>Escherichia coli</i>             | <i>Klebsiella pneumoniae</i>          | <i>Enterococcus faecalis</i>     | <i>Morganella morganii</i>       | 1             |
| 19. | <i>Escherichia coli</i>             | <i>Staphylococcus epidermidis</i>     |                                  |                                  | 1             |
| 20. | <i>Staphylococcus warneri</i>       | <i>Actinomyces odontolyticus</i>      |                                  |                                  |               |