**Table S5. Results of sensitivity analyses.**

|  |  |  |  |
| --- | --- | --- | --- |
| **All-cause mortality** | **Main analysis** | **Sensitivity analysis 1: Pneumonia 100%**  | **Sensitivity analysis 2: *A. baumannii* 100%** |
| SUCRA (%) | Rank | Probability of superiority (%) | SUCRA (%) | Rank | Probability of superiority (%) | SUCRA (%) | Rank | Probability of superiority (%) |
| SUL HD SULFOS + IV COLIH COL + IV COLHD TIGRIF + IV COLIV COLGLY + IV COLIH COLCAR + IV COLTIG + IH COLTIGCAR + IH COLSUL + IH COLSUL + IV COL | 100.085.778.671.471.457.157.150.042.935.735.728.621.414.37.1 | 1 (best)23446689911121314 15 (worst) | 98.174.585.392.165.159.7Comparator35.339.821.131.31.016.714.27.0 | 100.083.3-75.066.783.358.3-50.033.341.725.025.016.78.3 | 1 (best)2-4526-79810101213 (worst) | 98.373.4-91.976.278.7Comparator-41.322.433.629.618.616.77.2  | 100.083.3-66.775.075.058.3-41.733.341.741.725.016.78.3 | 1 (best)25336-71077111213 (worst) | 98.173.9-92.175.378.4Comparator-39.822.132.328.917.315.67.9 |
| **Clinical Cure** | **Main analysis** | **Sensitivity analysis 1: Pneumonia 100%** | **Sensitivity analysis 2: *A. baumannii* 100%** |
| SUCRA (%) | Rank | Probability of superiority (%) | SUCRA (%) | Rank | Probability of superiority (%) | SUCRA (%) | Rank | Probability of superiority (%) |
| HD TIGIH COL + IV COLRIF + IV COLHD SUL SULFOS + IV COLIV COLTIGGLY + IV COLCAR + IV COLSUL + IV COLCAR + IH COL | 90.981.872.772.772.763.645.545.527.318.29.19.1 | 1 (best)233367891011(worst)11 (worst) | 91.899.978.170.180.466.3Comparator38.714.914.210.19.9 | 88.966.777.877.866.7-44.444.4-22.211.111.1 | 1 (best)4224-66 -89 (worst)9 (worst) | 91.399.878.170.580.9-Comparator46.9-15.37.110.5 | -33.388.977.877.877.855.644.422.211.111.1- | -71 (best)2 2256899 (worst)- | -18.577.370.580.871.8Comparator39.314.913.69.4- |
| **Microbiological eradication** | **Main analysis** | **Sensitivity analysis 1: Pneumonia 100%** | **Sensitivity analysis 2: *A. baumannii* 100%** |
| SUCRA (%) | Rank | Probability of superiority (%) | SUCRA (%) | Rank | Probability of superiority (%) | SUCRA (%) | Rank | Probability of superiority (%) |
| FOS + IV COLSULSUL + IH COL RIF + IV COLCAR + IH COLCAR + IV COLSUL + IV COLIH COL + IV COLIH COLTIG + IH COLIV COLHD SULHD TIGGLY + IV COLTIG | 100.092.985.764.357.157.157.142.942.942.928.621.421.414.37.1 | 1 (best)2345558881112121415 (worst) | 99.898.990.499.476.578.173.390.455.956.9Comparator38.336.421.61.7 | -100.083.366.758.358.350.050.033.333.333.316.750.0-16.7 | -1 (best)234466888116-11 (worst) | -98.888.181.072.274.771.090.552.152.7Comparator38.264.6-26.3 | 100.088.9-66.7-55.655.633.3--33.322.2-11.10.0 | 1 (best)2-3-446--68-910 (worst) | 99.898.8-99.3-75.572.346.5--Comparator37.9-21.51.8 |

Abbreviations: *A. baumannii Acinetobacter baumannii*, *CAR* carbapenem (imipenem or meropenem), *COL* colistin, *FOS* fosfomycin, *GLY* glycopeptide (vancomycin or teicoplanin), *HD* high dose, *IH* inhaled, *IV* intravenous, *RIF* rifampin, *SUCRA* surface under the cumulative ranking curve, *SUL* sulbactam, *TIG* tigecycline.