**Supplemental Material**

**Blood stream infection in patients on venovenous extracorporeal membrane oxygenation for respiratory failure**

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**Supplemental Figure. Trends in blood stream infection rate according to the duration of venovenous extracorporeal membrane oxygenation for respiratory failure**

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**Supplemental Table 1. Clinical outcomes**

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|  | Non-BSI  (n=100) | BSI  (n=21) | *P* value |
| Successful weaning from VV ECMO | 60 (60) | 5 (25) | 0.003 |
| Mortality  Hospital  Intensive care unit | 58 (58)  55 (55) | 16 (76)  16 (76) | 0.120  0.073 |
| Total duration of ECMO, days  Survivor  Non-survivor | 13 (7-23)  10 (6-19)  15 (7-25) | 23 (10-32)  34 (18-98)  22 (9-27) | 0.010  0.028  0.159 |
| Total duration of MV, days  Survivor  Non-survivor | 18 (10-33)  17 (8-34)  19 (11-33) | 18 (14-33)  40 (26-289)  18 (10-25) | 0.443  0.034  0.636 |
| Length of stay, days  Hospital  Survivor  Non-survivor  Intensive care unit  Survivor  Non-survivor | 39 (24-66)  50 (33-93)  34 (21-48)  29 (16-41)  31 (17-48)  29 (16-37) | 29 (20-62)  69 (39-119)  27 (14-40)  25 (15-41)  41 (28-109)  25 (11-32) | 0.320  0.417  0.240  0.832  0.147  0.321 |

Data are presented as number of patients (percentage) or median (interquartile range).

BSI indicates bloodstream infection; ECMO, extracorporeal membrane oxygenation; MV, mechanical ventilation; VV, venovenous.