

Table S10. Subgroup analyses by host and pathogen risk factors

Subgroup	GT group survival (%)	No-GT group survival (%)	p-value
ANC < 100	89.5% (12/18)	66.7% (12/18)	0.092
ANC ≥ 100	100.0% (7/7)	70.0% (7/10)	0.228
MDR Gram-negative infections	80.0% (4/5)	50.0% (1/2)	1.000
MDR Gram-positive infections	100.0% (3/3)	No controls	NA

Abbreviations: ANC, absolute neutrophil count; MDR, multidrug-resistant; NA, not applicable.

Table S11. E-value sensitivity analysis for residual confounding in the hematologic subgroup (IPTW model)

Model	OR (95% CI)	E-value (point estimate)	E-value (upper CI bound)
High-risk hematologic subgroup (IPTW)	(0.034 (95% CI:0.005-0.233))	58.3	7.8

The E-value represents the minimum strength of association that an unmeasured confounder would need to have with both granulocyte transfusion and 30-day survival (conditional on measured covariates) to fully explain the observed association. The IPTW-adjusted odds ratio (OR) for 30-day mortality was 0.034 (95% CI: 0.005–0.233), corresponding to an E-value of 58.3 for the point estimate and 7.8 for the upper confidence bound.