## **Supplemental Online Content**

Ohnuma T, Chihara S, Costin B, et al. Association of appropriate empirical antimicrobial therapy with in-hospital mortality in patients with bloodstream infections in the US. *JAMA Netw Open*. 2023;6(1):e2249353. doi:10.1001/jamanetworkopen.2022.49353

**eTable 1.** Categorization of Pathogens

eTable 2. Classification of Infections With Corresponding ICD-10 Codes

This supplemental material has been provided by the authors to give readers additional information about their work.

## eTable 1. Categorization of Pathogens

Gram-negative	Acinetobacter species, Citrobacter species, Enterobacter species, Escherichia coli,
organism	Klebsiella species, Proteus species, Pseudomonas aeruginosa, and Serratia species,
	and other gram-negative organisms.
Gram-positive	Staphylococcus aureus, Streptococcus species, and Enterococcus species, and other
organism	gram-positive organisms.
Candida	Candida albicans, Candida glabrata, Candida parapsilosis, Candida tropicalis,
	Candida krusei, and other Candida species.

Coagulase-negative *Staphylococcus* species were considered as contaminants. Anaerobes were not included in the analysis.

eTable 2. Classification of Infections With Corresponding ICD-10 Codes

Genitourinary	N10, N30.0, N30.8, N30.9, N39.0, N41.0, N41.2, N41.3, N41.8, N45,
,	N70-N77
Intra-Abdominal	K10.2, K11.3, K12.2, K35, K57.0, K57.2, K57.4, K57.8, K61, K63.0,
	K63.1, K65, K75.0, K75.1, K81.0, K83.0,
Pulmonary	J01, J02, J03, J04, J06, J09-J18, J20-J22, J36, J39.0, J39.1, J44.0,
	J47.0, J85-J86, J98.50
Bone/Joint	M00, M01, M46.2, M46.3, M46.5, M60.0, M72.6, M86,
Skin/Soft Tissue	L00, L01, L02, L03, L04, L05, L08, L88,
Other	A00-A09, A15-A19, A20-A28, A30-39, A42-A49, A50-A64, A70-
	A74, A92-A99, B00-B02, B05, B06, B15-B19, B25-B34, B37-B40,
	B44, B49, B50-B64, B99,
	G00-G02, G04-G08,
	H05.0, H44.0,
	H60.2, H70.0,
	I30.1, I33.0, I40.0,
	O03.0, O03.5, O04.0, O05.0, O06.0, O07.0, O08.0, O23, O41.1, O75.3,
	O85, O86,
	T79.3, T82-T85