

TABLE E-1 Comparison of the Infecting Organism Between Patients Who Died and Those Who Survived the First Year Following Treatment for Periprosthetic Joint Infection

Infecting Organism	Total* (N = 436)	First-Year Mortality* (N = 46)	First-Year Survival* (N = 390)	Mortality Incidence
Gram-positive	357	34	323	9.5%
<i>Bacillus</i>	1	0	1	0.0%
<i>Clostridium perfringens</i>	1	0	1	0.0%
Coryneform	10	2	8	20.0%
Unspecified	7	2	5	28.6%
<i>Corynebacterium striatum</i>	2	0	2	0.0%
<i>Propionibacterium acnes</i>	1	0	1	0.0%
<i>Micrococcus</i>	2	0	2	0.0%
<i>Staphylococcus</i>	284	29	255	10.2%
<i>Staphylococcus aureus</i>	177	20	157	11.3%
Methicillin-resistant <i>S. aureus</i>	82	13	69	15.9%
Methicillin-sensitive <i>S. aureus</i>	95	7	88	7.4%
Coagulase-negative <i>Staphylococcus</i>	114	10	104	8.8%
Unspecified	97	7	90	7.2%
<i>Staphylococcus epidermidis</i>	11	3	8	27.3%
<i>Staphylococcus lugdunensis</i>	5	0	5	0.0%
<i>Staphylococcus capitis</i>	1	0	1	0.0%
<i>Streptococcus</i>	52	4	48	7.7%
<i>Streptococcus anginosus</i>	3	0	3	0.0%
<i>Streptococcus Group B</i>	20	3	17	15.0%
<i>Streptococcus Group C</i>	1	0	1	0.0%
<i>Streptococcus Group G</i>	4	0	4	0.0%
Alpha-hemolytic <i>Streptococcus</i>	24	1	23	4.2%
Unspecified	2	0	2	0.0%
<i>Streptococcus pneumoniae</i>	6	0	6	0.0%
<i>Streptococcus viridans</i>	16	1	15	6.3%
<i>Streptococcus sanguinis</i>	4	0	4	0.0%
<i>Streptococcus mitis</i>	10	1	9	10.0%
<i>Streptococcus mutans</i>	2	0	2	0.0%
<i>Streptococcus salivarius</i>	1	0	1	0.0%
<i>Enterococcus</i>	24	3	21	12.5%
<i>Enterococcus faecalis Group D</i>	16	2	14	12.5%
<i>Enterococcus faecium Group D</i>	8	1	7	12.5%
<i>Clostridium</i>	1	0	1	0.0%
<i>Peptostreptococcus</i>	3	0	3	0.0%
<i>Rothia mucilaginosa</i>	1	0	1	0.0%
Gram-negative	57	11	46	19.3%
<i>Bacteroides</i>	5	1	4	20.0%
<i>Escherichia coli</i>	12	5	7	41.7%
<i>Enterobacter aerogenes</i>	1	0	1	0.0%
<i>Enterobacter cloacae</i>	4	0	4	0.0%
<i>Klebsiella pneumonia</i>	4	0	4	0.0%
<i>Pasteurella multocida</i>	1	0	1	0.0%

TABLE E-1 (continued)				
Infecting Organism	Total* (N = 436)	First-Year Mortality* (N = 46)	First-Year Survival* (N = 390)	Mortality Incidence
<i>Proteus</i>	14	4	10	28.6%
<i>Proteus mirabilis</i>	12	4	8	33.3%
<i>Proteus vulgaris</i>	1	0	1	0.0%
<i>Proteus morgani</i>	1	0	1	0.0%
<i>Hemophilus influenza</i>	1	1	0	100.0%
<i>Providencia rettgeri</i>	1	0	1	0.0%
<i>Pseudomonas aeruginosa</i>	14	0	14	0.0%
<i>Serratia marcescens</i>	6	1	5	16.7%
<i>Fungus</i>	4	2	2	50.0%
<i>Aspergillus fumigatus</i>	1	0	1	0.0%
<i>Candida albicans</i>	3	2	1	66.7%
Polymicrobial	40	7	33	17.5%
Culture-negative	39	2	37	5.1%
*The values are given as the number of patients.				