

TABLE E-1 Causative Organisms for Monomicrobial Necrotizing Fasciitis (n = 25)

Organism	Frequency
<i>Streptococcus pyogenes</i>	6
Streptococcus species*	6
<i>Staphylococcus aureus</i>	5
Klebsiella species	3
Enterococcus species	2
Aeromonas species	1
<i>Burkholderia pseudomallei</i>	1
<i>Vibrio vulnificus</i>	1

*Streptococcus species, including group-B streptococcus (five patients) and group-G streptococcus (one patient).

TABLE E-2 Causative Organisms for Polymicrobial Necrotizing Fasciitis (n = 48)

Organism	Frequency
Aerobes (gram-positive)	
Enterococci	12
Bacillus species	1
<i>Staphylococcus aureus</i>	21
Streptococcal species*	19
Aerobes (gram-negative)	
<i>Escherichia coli</i>	12
<i>Acinetobacter baumannii</i>	13
Enterobacter species	6
<i>Pseudomonas aeruginosa</i>	10
Klebsiella species	14
Proteus species	6
Anaerobes	
Bacteroides species	6
Clostridium species	2
Peptostreptococcus species	4
Fungi (Candida species)	5
Others†	6

*Streptococcal species, including *Streptococcus pyogenes* (eight patients), group-B streptococcus (eight patients), group-G streptococcus (two patients) and *Streptococcus milleri* (one patient).

†Includes *Chryseobacterium* species (one patient), *Meningosepticum* species (one patient), *Propionibacterium* species (two patients), *Morganella morganii* (one patient), and *Veillonella* species (one patient).

TABLE E-3 Factors Predicting Mortality in Necrotizing Fasciitis: Bivariate and Multivariate Analysis

Variable	Bivariate Analysis			Multivariate Analysis		
	Relative Risk (Unadjusted)	95% Confidence Interval	P Value	Relative Risk (Adjusted)	95% Confidence Interval	P Value
Age	1.1	1.01-1.10	0.022	1.0	0.99-1.09	0.177
Gender	0.4	0.15-1.33	0.147	0.3	0.08-1.14	0.077
Diabetes	1.4	0.41-4.85	0.592	0.9	0.20-4.06	0.886
Duration of symptoms prior to admission	0.9	0.73-1.06	0.191			
No organisms (reference group)	1	—	—			
Group-A streptococcus	0.5	0.00-6.78	0.758			
Other organisms	0.5	0.13-1.94	0.317			
Albumin <30 g/dL	1.0	0.99-1.16	0.603			
Two or more comorbidities	4.4	1.37-14.17	0.013	2.6	0.65-10.66	0.178
Hypotension on admission	1.4	0.33-5.65	0.671	7.1	0.83-60.36	0.74
Location (central vs. peripheral)	0.4	0.11-1.15	0.084			
Time from admission to operation >24 hours	5.6	1.47-21.57	0.012	9.4	1.39-63.17	0.02
No. of operations (débridement)	0.9	0.59-1.39	0.655			
Amputation vs. no amputation	0.2	0.02-1.42	0.103			