

TABLE E-1 Demographic and Clinical Data for Spinal Instrumentation to Treat Scoliosis

Data	Center 1* (N = 284)	Center 2* (N = 464)	Center 3* (N = 599)	P Value
<b>Demographic</b>				
Sex				0.011
Male	111 (39.1%)	180 (38.8%)	282 (47.1%)	
Female	173 (60.9%)	284 (61.2%)	317 (52.9%)	
Age† (yr)	11.5 ± 4.7	11.4 ± 4.8	11.5 ± 4.7	0.953
Race				<0.001
Black	13 (4.6%)	97 (20.9%)	38 (6.3%)	
White	186 (65.5%)	314 (67.7%)	193 (32.2%)	
Asian	13 (4.6%)	12 (2.6%)	59 (9.8%)	
Hispanic	26 (9.2%)	35 (7.5%)	240 (40.1%)	
Other or not specified	46 (16.2%)	6 (1.3%)	69 (11.5%)	
<b>Clinical</b>				
Etiology				0.031
Idiopathic	107 (37.7%)	203 (43.8%)	199 (33.2%)	
Non-idiopathic				
Neuromuscular	80 (28.2%)	129 (27.8%)	182 (30.4%)	
Syndromic	30 (10.6%)	50 (10.8%)	79 (13.2%)	
Congenital	50 (17.6%)	53 (11.4%)	102 (17.0%)	
Other	17 (6.0%)	29 (6.3%)	37 (6.2%)	
Type of procedure				<0.001
Primary arthrodesis	176 (62.0%)	261 (56.3%)	339 (56.6%)	
Revision arthrodesis	18 (6.3%)	28 (6.0%)	81 (13.5%)	
Growing construct insertion	24 (8.5%)	29 (6.3%)	30 (5.0%)	
Growing construct lengthening	41 (14.4%)	119 (25.6%)	84 (14.0%)	
Growing construct revision	25 (8.8%)	27 (5.8%)	65 (10.9%)	

\*The values are given as the number of procedures, with the percentage in parentheses. †The values are given as the mean and the standard deviation.

TABLE E-2 Cultured Organisms (N = 140) from Seventy-one Culture-Positive Infections

Organisms	Frequency*
Gram-positive	80 (57.1%)
<i>Staphylococcus aureus</i>	35 (25.0%)
Methicillin-susceptible	20 (14.3%)
Methicillin-resistant	15 (10.7%)
Coagulase-negative staphylococci	24 (17.1%)
Enterococcal species	6 (4.3%)
Group A beta-hemolytic streptococcus	3 (2.1%)
<i>Propionibacterium acnes</i>	3 (2.1%)
<i>Viridians streptococci</i>	3 (2.1%)
Other†	6 (4.3%)
Gram-negative	60 (42.9%)
<i>Pseudomonas aeruginosa</i>	15 (10.7%)
<i>Escherichia coli</i>	13 (9.3%)
Enterobacter species	9 (6.4%)
<i>Klebsiella pneumoniae</i>	6 (4.3%)
Bacteroides species	5 (3.6%)
Proteus species	4 (2.9%)
Acinetobacter species	3 (2.1%)
Other‡	5 (3.6%)

\*The values are given as the number of organisms, with the percentage in parentheses. †Other gram-positive organisms included *Bacillus circulans*, *Peptostreptococcus asaccharolyticus*, *Peptostreptococcus magnus*, *Clostridium sporogenes*, and *Corynebacterium* species. ‡Other gram-negative organisms included *Serratia marcescens*, *Citrobacter koseri*, and *Citrobacter freundii* complex.