

**TABLE E-1 Rates of Complications Observed\***

Complication Category†	Rate for July and August (%)	Rate for Other Months (%)	Adjusted OR (95% CI)	P Value‡	NNH§
Any complication	26%	23%	1.21 (0.77-1.9)	0.29	33
Major complication	5.4%	6.0%	0.881 (0.38-2.1)	0.77	167
Neurologic	6.0%	8.4%	0.688 (0.31-1.5)	0.35	42
Instrumentation	8.0%	3.3%	1.84 (0.76-4.4)	0.17	21
Surgical incision	8.2%	7.1%	1.2 (0.57-2.4)	0.67	91
Pulmonary	9.0%	7.6%	1.2 (0.61-2.4)	0.59	71
Gastrointestinal	2.2%	0.0%	4.4 (3.8-5.2)	0.012	46
Pseudarthrosis	0.0%	0.2%	0.89 (0.4-22)	0.94	500
Revision surgery	2.2%	4.4%	0.49 (0.14-1.7)	0.25	46

\*July and August rates were combined to compare them with the overall rates of the other months. †The rates for “any complication” and for “major complication” are based on the number of *patients* affected. The rates for the specific complication categories are based on the number of *complications*. ‡The overall and specific complication rates for July and August did not differ significantly from those of the other months, with the exception of the rate for gastrointestinal (GI) complications because GI complications did not occur in the other months. §The NNH was calculated utilizing the reciprocal of the size of the risk differences for July/August and compared with the reciprocal for the rest of the months to detect the number of cases needed for one additional complication to occur in July/August beyond the number of complications expected in other months.

**TABLE E-2 Postoperative Complications Observed by Category\***

Complication Category	No. of Complications	No. of Major (% of Total)	No. of Minor (% of Total)
Neurologic	45	11 (6%)	34 (18%)
Instrumentation	23	10 (5%)	13 (7%)
Surgical incision	43	11 (6%)	32 (17%)
Pulmonary	46	2 (1%)	44 (24%)
Gastrointestinal	3	1 (0.5%)	2 (1%)
Pseudarthrosis	1	N/A	1 (0.5%)
Revision surgery	23	23 (12.5%)	N/A

\*Out of a total of 184 complications, the majority were minor neurologic, minor pulmonary, and minor incision-related complications. N/A = not applicable.

**TABLE E-3 Reoperations Due to Infection per Month of Surgery\***

	Jan	Feb	Mar	Apr	May	June	Jul	Aug	Sep	Oct	Nov	Dec
Reoperation	0	3 (7.3%)	1 (2.2%)	1 (3.8%)	0	2 (2.5%)	0	1 (1.9%)	1 (3.1%)	1 (2.6%)	0	1 (1.8%)
Superficial infection	0	1 (2.4%)	1 (2.2%)	0	0	3 (3.7%)	0	3 (5.6%)	0	2 (5.1%)	0	0
Deep infection	0	2 (4.9%)	0	1 (3.8%)	0	1 (1.2%)	0	0	1 (3.1%)	1 (2.6%)	0	1 (1.8%)

\*Percentages per total number of surgical procedures for each month.