

Table 4: Percent Agreement and Kappa Statistics for Inter-Rater Reliability at Three Study Sites

Site	Measure Numerator/ Eligibility Criteria	Number of Records Reviewed	N Agreed (%)	Kappa Statistic
Hospital #1	Timely Blood Culture	7	71%	-0.17
	Blood culture performed at referring hospital	7	100%	0.00
	Sepsis syndrome	7	100%	1.00
	Severe sepsis	7	86%	0.72
	Septic shock	7	86%	0.70
Hospital #2	Timely Blood Culture	4	100%	1.00
	Blood culture performed at referring hospital	4	100%	1.00
	Sepsis syndrome	4	100%	1.00
	Severe sepsis	4	75%	0.00
	Septic shock	4	75%	0.00
Hospital #3	Timely Blood Culture	4	100%	1.00
	Blood culture performed at referring hospital	4	100%	1.00
	Sepsis syndrome	4	100%	1.00
	Severe sepsis	4	100%	1.00
	Septic shock	4	100%	1.00
All Sites	Timely Blood Culture	15	87%	-0.07
	Blood culture performed at referring hospital	15	100%	1.00
	Sepsis syndrome	15	100%	1.00
	Severe sepsis	15	87%	0.72
	Septic shock	15	87%	0.58

Table 5. Inter-Rater Reliability of Assessment of Event within Specified Time Period

Site	Event	Number of Records Reviewed	Percent Agreement	Kappa Statistic
Hospital #1	Time of blood culture (within 4 hours of diagnosis)	7	71%	0.30
Hospital #2	Time of blood culture (within 4 hours of diagnosis)	4	100%	1.00
Hospital #3	Time of blood culture (within 4 hours of diagnosis)	4	75%	0.00
All Sites	Time of blood culture (within 4 hours of diagnosis)	15	80%	0.29