

Table 5: Percent Agreement and Kappa Statistics for Sepsis for Inter-Rater Reliability at Three Study Sites

Site	Eligibility Criteria/ Measure Numerator	Number of Records Reviewed	N Agreed (%)	Kappa Statistic
Hospital #1	Timely antibiotics	2	100%	1.00
	Antibiotics administered at referring hospital	3	67%	0.00
	Severe sepsis	7	86%	0.72
	Septic shock	7	86%	0.70
Hospital #2	Timely antibiotics	3	67%	0.00
	Antibiotics administered at referring hospital	3	100%	1.00
	Severe sepsis	4	75%	0.00
	Septic shock	4	75%	0.00
Hospital #3	Timely antibiotics	4	100%	1.00
	Antibiotics administered at referring hospital	4	100%	1.00
	Severe sepsis	4	100%	1.00
	Septic shock	4	100%	1.00
All Sites	Timely antibiotics	9	89%	0.00
	Antibiotics administered at referring hospital	10	90%	0.00
	Severe sepsis	15	87%	0.72
	Septic shock	15	87%	0.58

Table 6: 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 Antibiotics (within 60 minutes of diagnosis)	2	100%	1.00
Hospital #2	Time of Antibiotics (within 60 minutes of diagnosis)	3	33%	-0.50
Hospital #3	Time of Antibiotics (within 60 minutes of diagnosis)	4	100%	1.00
All Sites	Time of Antibiotics (within 60 minutes of diagnosis)	9	78%	-0.13

Table 7: Timely Antibiotics for Children with Severe Sepsis or Septic Shock

Site	Numerator	Denominator	Rate
Hospital #1	9	13	69%
Hospital #2	4	7	57%
Hospital #3	5	6	83%
All Sites	18	26	69%