

Table 5: Agreement and Kappa Statistics for Sickle Cell Disease for Inter-Rater Reliability at Three Sites

Site	Measure Numerator/ Eligibility Criteria	Number of Records Reviewed	N Agreed (%)	Kappa Statistic
Hospital #1	Antibiotic Treatment	0	-	-
Hospital #1	Fever Criterion	3	100%	1.00
Hospital #2	Antibiotic Treatment	4	100%	1.00
Hospital #2	Fever Criterion	7	100%	1.00
Hospital #3	Antibiotic Treatment	10	100%	1.00
Hospital #3	Fever Criterion	19	84%	0.68
All Sites	Antibiotic Treatment	14	100%	1.00
All Sites	Fever Criterion	29	90%	0.79

Table 6: Appropriate Fever Management in the ED for Children with Sickle Cell Disease

Site	Rate	Numerator	Denominator
Hospital #1	10%	1	10
Hospital #2	0%	0	14
Hospital #3	15%	15	99
All Sites	13%	16	123