

**Table 7: Agreement and Kappa Statistics for Inter-Rater Reliability**

Site	Measure Numerator/ Eligibility Criteria	Number of Records Reviewed	N Agreed (%)	Kappa Statistic
Hospital #1	Analgesic Numerator	2	100%	1.00
	Pain Assessment Numerator	1	0%	0.00
	Severe Pain Criterion	3	67%	0.00
Hospital #2	Analgesic Numerator	0	0	*
	Pain Assessment Numerator	0	0	*
	Severe Pain Criterion	3	67%	0.00
Hospital #3	Analgesic Numerator	1	100%	1.00
	Pain Assessment Numerator	1	100%	1.00
	Severe Pain Criterion	2	50%	0.00
All Sites	Analgesic Numerator	3	100%	1.00
	Pain Assessment Numerator	2	50%	0.00
	Severe Pain Criterion	8	63%	0.25

\*Hospital 2 – The abstractors did not agree that the record met criteria for severe pain; therefore IRR could not be assessed.

**Table 8: Pain Assessment in the ED for Children with Sickle Cell Disease**

Site	Parenteral Analgesic Numerator		Pain Assessment Numerator				Denominator
	Rate	N	Rate	N			N
Hospital #1	20%	4	45%	9			20
Hospital #2	18%	4	18%	4			22
Hospital #3	17%	10	25%	15			59
All Sites	18%	18	28%	28			101