Table 1 – Demographics of patients included in baseline and post-QI studies

	Number in baseline survey	Number on post QI survey
Sex (p=0.709)		
male	83 (53.5%)	78 (55.7%)
female	72 (46.5%)	62 (44.3%)
Age (years) p=0.879		
range	15-97	14-97
mean	67	64
median	71	68

Table 2 – Sepsis 6 compliance in baseline and post-QI survey with percentage improvement in compliance, assessment times and SEWS scores

	Baseline Survey (n=155)				Post QI Survey (n=140)				Percentage improvement in compliance	p value
	Total (% study population)	Compliant (% Factor population)	Non-compliant (% Factor population)	p value	Total (% study population)	Compliant (% Factor population)	Non-compliant (% Factor population)	p value		
ALL PATIENTS	**155 (100%)**	**79 (51.0%)**	**76 (49.0%)**	**p=0.810**	**140 (100%)**	**104 (74.3%)**	**36 (25.7%)**	**p<0.001****	**45.7%**	**p<0.001****
Factor										
Time				p=0.304				p=0.921		0.4
In-hours	49 (31.6%)	22 (44.9%)	27(55.1%)		38 (27.1%)	28 (73.7%)	10 (26.3%)		64.1%	
Out-of-hours	106 (68.4%)	57 (53.8%)	49 (46.2%)		102 (72.9%)	76 (74.5%)	26 (25.5%)		38.6%	
Area				p=0.009**				p=0.592		p=0.615
Resus	113 (72.9%)	66 (58.4%)	47 (41.6%)		109 (77.9%)	83 (76.1%)	26 (23.9%)		30.4%	
Treatment bay	11 (7.1%)	4 (36.4%)	7 (63.6%)		8 (5.7%)	5 (62.5%)	3 (37.5%)		71.9%	
Treatment bay to Resus	31 (20.0%)	9 (29.0%)	22 (71.0%)		23 (16.4%)	16 (69.6%)	7 (30.4%)		139.7%	
Temperature				p<0.001**				p=0.001**		p=0.08
38^0C or over	130 (83.9%)	75 (57.7%)	55 (42.3%)		106 (75.7%)	86 (81.1%)	20 (18.9%0		40.6%	
Less than 38^0C	25 (16.1%)	4 (16.0%)	21 (84.0%)		34 (24.3%)	18 (52.9%)	16 (47.1%)		230.9%	
SIRS Score				p=0.127				p=0.145		p=0.172
SIRS 2	54 (34.8%)	23 (42.6%)	31 (57.4%)		57 (40.7%)	38 (66.7%)	19 (33.3%)		56.5%	
SIRS 3	101 (65.1%)	56 (55.4%)	45 (44.6%)		81 (57.9%	65 (80.2%)	16 (19.8%)		44.8%	
	All patients	Compliant	Non-compliant		All patients	Compliant	Non-compliant		Difference for compliant patients	
Times to assessment (minutes)										
first medical (mean)	9.5	2.7	16.6	p<0.001**	9.7	8.6	12.8	p=0.051	5.9	p=0.183
first medical (median)	6.0	3.0	12.0		7.0	6.0	10.0		3.0	
Senior (mean)	15.3	7.0	25.6	p<0.001**	21.0	18.5	28.4	p=0.119	11.5	p=0.011
Senior (median)	7.0	0.0	25.0		15.0	13.0	26.0		13.0	
SEWS score										
Mean SEWS score	6	6	6	p=0.077	6	6	5	p=0.131	0	p=0.05*
Median SEWS Score	6	6	5		5	6	5		0	

Table 3 – The number of patients and proportions who achieved each bundle element in baseline and post-QI surveys

	Baseline survey		Post-QI survey		Percentage change for all patients	p value	Percentage change for non-compliant patients
	All patients	Non-compliant patients	All patients	Non-compliant patients			
Bundle element							
Oxygen	148 (95.5%)	69 (90.8%)	140 (100%)	36 (100%)	4.7%	p=0.002**	10.1%
Fluid	120 (77.4%)	41 (53.9%)	120 (86.4%)	17 (47.2%)	11.6%	p=0.097	-12.4%
Cultures	127 (81.9%)	48 (63.2%)	125 (89.3%)	21 (58.3%)	9.0%	p=0.008**	-7.8%
Antibiotics	103 (66.5%)	24 (31.6%)	120 (85.7%)	16 (44.4%)	28.9%	p=0.074	40.5%
Lactate	128 (82.6%)	49 (64.5%)	130 (92.9%)	26 (72.2%)	12.4%	p<0.001**	11.9%