

	Site				Total
	1	2	3	4	
A- Bedside clinical observations of patients on respiratory support before bCPAP project (n = 82)					
Patients on improvised bCPAP vs. nasal cannula	NA	46%	28%	50%	38%
Patients on continuous pulse ox.		50%	3%	17%	22%
Saturation 90-95%		36%	0%	0%	28%
B- Bedside clinical observations of patients undergoing bCPAP care one year after implementation (n= 28)					
Orogastric tube in place	81%	75%	50%	0%	72%
Oxygen saturation 90-95%	75%	50%	100%	NA	71%
Nasal redness or breakdown	31%	38%	75%)	0%	39%
C- Chart review of six weeks of patients treated with bCPAP one year after implementation (n = 200)					
<32 weeks gestation	56%	68%	50%	18%	55%
Average of 21% oxygen used	52%	0%	25%	74%	33%
Mortality after CPAP treatment	16%	35%	31%	not available	26%
D- Chart review of 1 year of patients treated with bCPAP (n = 293)					
Gestational age, median	32 weeks	NA			
Birthweight, median	1540 grams				
RAM cannula re-used	86%				
bCPAP course length, median	3 days				
After bCPAP: Weaned to room air or cannula Mechanical ventilation or death	81% 19%				

NA = not available