

Table 1: Demographic and clinical characteristics of preterm infants

Infant characteristics	22 - 24 weeks			25-29 weeks		
	Pre-intervention (N=16) n(%), mean $\pm$ SD	Post-intervention (N=17) n(%), mean $\pm$ SD	P-value	Pre-intervention (N=36) n(%), mean $\pm$ SD	Post-intervention (N=38) n(%), mean $\pm$ SD	P-value
Gestational Age (weeks)	23 $\pm$ 0.6	23 $\pm$ 0.8	0.94	27 $\pm$ 1.2	28 $\pm$ 1	0.25
Birth Weight (g)	553 $\pm$ 148	571 $\pm$ 98	0.69	993 $\pm$ 298	1096 $\pm$ 291	0.07
Sex (male)	6 (36)	6 (35)	0.89	13 (36)	25 (66)	0.01
Time of first echo (Days)	4.1 $\pm$ 4	1 $\pm$ 0.6	0.01	31 $\pm$ 23	2 $\pm$ 1	0.01
Echo within 48 hours of life	9 (56)	15 (88)	0.04	2 (5)	10 (26)	0.02
Echo done ever	15 (94)	17 (100)	0.51	28 (78)	20 (53)	0.02
PDA treatment	5 (31)	10 (59)	0.03	8 (22)	8 (21)	0.90
DOL of Treatment	7 $\pm$ 3	5 $\pm$ 3	0.11	11 $\pm$ 6	10 $\pm$ 4	0.29
Treated with Tylenol	4 (80)	10 (100)	0.78	8 (100)	8 (100)	1.00
Treated with Indomethacin	1 (20)	4 (40)	0.57	0	1 (13)	1.00
Medical Closure	2(40)	5 (50)	0.82	2 (25)	2 (25)	1.00
PICCOLO closure	1 (20)	1 (10)	0.64	1 (13)	1 (13)	1.00
Mortality	9 (56)	6 (35)	0.23	4 (11)	4 (10)	0.93

*Echo = Echocardiography, DOL=Day of life,

Fig 4a. Time to complete echo pre and post QI

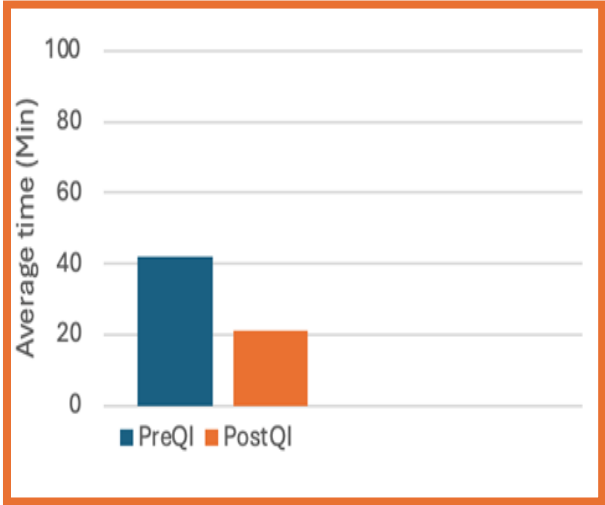


Fig 4b. Number of images per echo pre-and post QI

