

Table (1): Demographic and clinical data of the studied groups (Control, fenofibrate, vit D and vit C&E)

Data	variable	Group A (control)	Group B (fenofibrat e)	Group C (Vit D)	GroupD (vit E & C)	P-value		
						A vs B	A vs C	A vs D
Sex	Male	13(65%)	14(70%)	13(65%)	14(70%)	0.7	0.9	0.7
	Female	7(35%)	6(30%)	7(35%)	6(30%)	0.7	0.9	0.7
Weight in Kg	<3kg	12(60%)	10(50%)	12(60%)	13(65%)	0.5	0.9	0.7
	>3kg	8(40%)	10(50%)	8(40%)	7(35%)	0.5	0.9	0.7
Neonatal Blood group	A	11(55%)	7(35%)	8(40%)	10(50%)	0.6	0.7	0.8
	B	5(25%)	7(35%)	6(30%)	4(20%)	0.4	0.7	0.5
	AB	2(10%)	3(15%)	4(20%)	2(10%)	0.6	0.8	0.8
	O	2(10%)	3(15%)	2(10%)	4(20%)	0.6	0.7	0.8
Highest serum levels of indirect bilirubin (mg /dl)	15 – 16	1(5%)	4(20%)	5(25%)	3(15%)	0.3	0.3	0.8
	16 – 17	8(40%)	4(20%)	5(25%)	6(30%)	0.3	0.4	0.6
	17 – 18	4(20%)	6(30%)	6(30%)	5(25%)	0.3	0.3	0.7
	18 – 19	3(15%)	4(20%)	2(10%)	3(15%)	0.3	0.3	0.7
	19 – 20	4(20%)	2(10%)	2(10%)	3(15%)	0.2	0.5	0.8
Mode of delivery	SVD	13(65%)	9(45%)	14(70%)	12(60%)	0.2	0.7	0.1
	CS	7(35%)	11(55%)	6(30%)	8(40%)			

SVD = Spontaneous Vaginal delivery, C.S = Caesarean Section.

Table (2): The duration of hospital stay of control and fenofibrate groups

Duration of stay	Control Group	Fenofibrate group	P-value
2 days	0	10(50%)	
3 days	1(5%)	7(35%)	
4 days	4(20%)	3(15%)	
5 days	9(45%)	0	
6 days	5(25%)	0	
7 days	1(5%)	0	
Range	3-7	2-4	
Mean ±SD	5.05±0.9	2.6±0.7	

**Significant*

Table (3): The duration of hospital stay of control and vitamin D groups

Duration of stay	Control group	Vitamin D group	P-Value
2 days	0	6(30%)	
3 days	1(5%)	10(50%)	
4 days	4(20%)	3(15%)	
5 days	9(45%)	1(5%)	
6 days	5(25%)	0	
7 days	1(5%)	0	
Range	3-7	2-5	0.001*
Mean \pm SD	5.05 \pm 0.9	2.9 \pm 0.8	

*Significant

Table (4): The duration of hospital stay of control and vitamin C&E groups

Duration of stay	Control group	Vitamin E & C group	P-Value
2 days	0	0	
3 days	1(5%)	2(10%)	
4 days	4(20%)	5(30%)	
5 days	9(45%)	8(40%)	
6 days	5(25%)	4(20%)	
7 days	1(5%)	0	
Range	3-7	3-6	0.02*
Mean \pm SD	5.05 \pm 0.9	4.7 \pm 0.9	

*Significant

Table (5): The serum levels of indirect bilirubin during treatment in control and fenofibrate group

The serum levels of indirect bilirubin (mg/dl)	Control groups N=20	fenofibrate group N=20	P-Value
Day 0	17.3 \pm 1.1	17.4 \pm 1.1	0.03
Day 1	16.9 \pm 1.01	15.4 \pm 1.2	0.001*
Day 2	16.01 \pm 1.01	13.2 \pm 1.4	0.001*
Day 3	14.9 \pm 1.1	12.8 \pm 0.9	0.001*
Day 4	14.06 \pm 0.9	12.1 \pm 0.7	0.001*
Day 5	13.2 \pm 0.9	-	-
Day 6	12.9 \pm 0.7	-	-
Day 7	13.3	-	-

Table (6): The serum levels of indirect bilirubin during treatment in Control and Vitamin D group:

The serum levels of indirect bilirubin (mg/dl)	Control groups N=20	Vitamin D group N=20	P-Value
Day 0	17.8±1.1	17.4±1.1	0.2
Day 1	16.9±1.01	15.9±1.1	0.009*
Day 2	16.01±1.01	14.6±1.2	0.001*
Day 3	14.9±1.1	13.9±0.9	0.001*
Day 4	14.06±0.9	13.4±0.7	0.2
Day 5	13.2±0.9	13.1	0.8
Day 6	12.9±0.7	-	-
Day 7	13.3	-	-

Table (7): The serum levels of indirect bilirubin during treatment in Control and Vitamin C and E group

The serum levels of indirect bilirubin (mg/dl)	Control groups N=20	Vitamin C and E group N=20	P-value
Day 0	17.8±1.1	17.7±1.3	0.7
Day 1	16.9±1.01	16.6±1.1	0.3
Day 2	16.01±1.01	15.7±1.1	0.4
Day 3	14.9±1.1	14.7±1.2	0.5
Day 4	14.06±0.9	13.9±1.07	0.7
Day 5	13.2±0.9	13.3±0.8	0.8
Day 6	12.9±0.7	13±0.1	0.8
Day 7	13.3	-	-

Table (8): The range of phototherapy duration in the studied groups and its mean ± SD :

Data	Control group	Fenofibrate group	Vitamin D group	Vitamin E & C group
Range in days	3-7	2-4	2-5	3-6
Mean ±SD	5.05±0.9	2.6±0.7	2.9±0.8	4.7±0.9