

Results

Family history was positive in 84 cases (84%) while 16 cases (16%) had negative family history.

The mean S.S for the B.F patients was 21.48 ± 4.96 , for the mixed type of feeding was 33.34 ± 12.92 while for the formula fed patients it was 35.7 ± 9.7 as shown in Table 1.

Table 1: The mean severity score according to feeding history

Feeding history	Severity score		
	No.	Mean	SD
B.F	42	21.48	4.96
Mixed	16	33.34	12.9
Formula	42	35.70	9.79
Total	100	29.35	11.0

p -value = 0.000 (significant), B.F (breast feeding)

Table 2 reveals that most of the patients whose total serum IgE levels below 200 IU/ml (7 cases, 87.5%) were B.F, while most of the patients whose total serum IgE was above 200 IU/ml were formula fed patients (13 cases, 54.2%, p -value = 0.003). The mean IgE levels for the breast fed patients

were significantly decreased as compared to mixed fed group & formula fed patients, the mean IgE level for the breast fed patients was 211 ± 178.7 IU/ml, for the mixed fed was 472.3 ± 22.4 IU/ml and for the formula fed patients was 638.2 ± 355.8 IU/ml as shown in Figure 1, p -value = 0

Table 2: Patient distribution according to the total serum IgE level) and feeding history

Feeding history	IgE count IU		Total
	<200	>200	
B.F	7(87.5%)	5 (20.8%)	12 (37.5%)
Mixed	0(0%)	6 (25%)	6 (18.8%)
Formula	1(12.5%)	13 (54.2%)	14 (43.8%)
Total	8(100%)	24 (100%)	32 (100%)

p -value = 0.003 (significant)

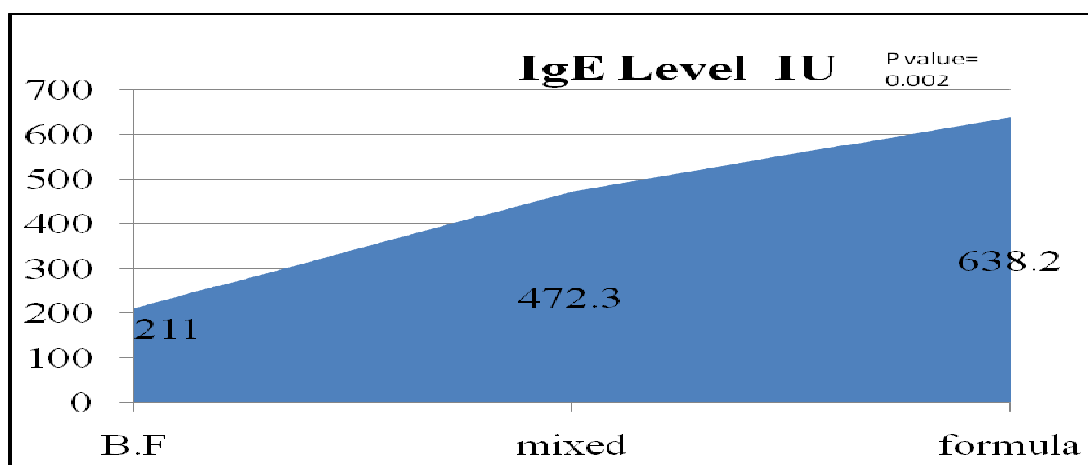


Figure 1: Mean IgE level according to feeding history

B.F (breast feeding), p -value = 0.002