

Results

We studied 50 patients with endometriomas these patients divided into two groups 25 patients in fenestration coagulation and 25 patients in ultrasound guided aspiration.

Clinical characteristic of 50 patients with endometriomas in Table (1) showed Mean \pm SD age (Y) in group I (25.6 \pm 4.4), in group II (25.67 \pm 4.82).

Mean diameter of cyst (ring cm). 4.06 (3-6cm) in group I, in group II 5.06 (3-8 cm)

The comparison between FSH before and after in both group in Table (2) have showed FSH (Before) Mean \pm SD in group I (6.44 \pm 1.8) and in group II (5.64 \pm 1.40) FSH (After) Mean \pm SD in group I (8.13 \pm 2.31) and in group II (7.16 \pm 1.35). There was any significant

The comparison between E₂ before and after in both groups in Table (3) shown E₂ (Before) Mean \pm SD in group I (58.1 \pm 19.9), in group II (59.5 \pm 22.2). E₂ (After) Mean \pm SD in group I (66.9 \pm 19.4), in group II (74.5 \pm 16.2). There was any significant.

We shown the comparison between FSH before in both group and after in both group in Table (4) FSH (Before) Mean \pm SD in group I (6.44 \pm 1.80), in group II (6.02 \pm 1.68).

FSH After in both group Mean \pm SD in group I (8.13 \pm 2.31). in group II (7.16 \pm 1.35).

We shown the comparison between E₂ before in both group and after in both group In Table (5)

E₂ (Before) Mean \pm SD in group I (58.1 \pm 19.9), in group II (59.5 \pm 22.2)

E₂ (After) Mean \pm SD in group I (66.9 \pm 19.4), in group II (74.8 \pm 16.2).

There was any significant.

We shown recurrence rate of cyst and symptoms and infection were shown In Table (6) recurrence of cyst (%) in group I- 5/25 (20%), group II- 7/25. (30%)

Recurrence of symptoms (Pain %) in group I- 2/25 (7.26%), group II- 4/25 (16%).

Incidence of infection in group (0), group (0).

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Table (8): Clinical characteristic of 50 patients with endometriomas

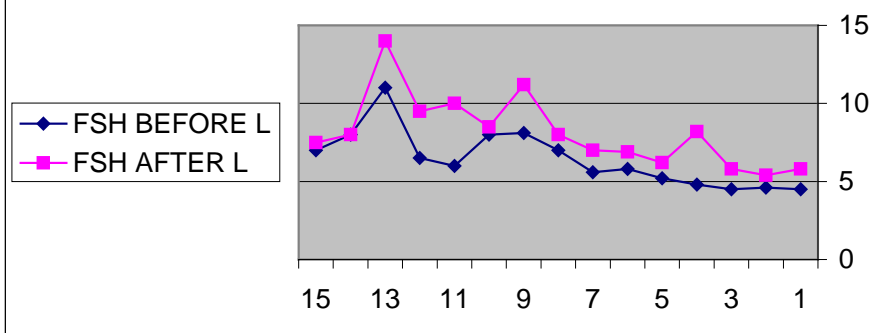
Variables	Group I, fenestration and coagulations (n=25)	Group II, Aspiration (n=25)	P
Mean (\pm SD) age (Y)	25.6 \pm 4.4	25.67 \pm 4.82	0.9
Mean diameter of cyst (rang) (cm)	4.06(3-6)	5.06(3-8)	0.052

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Table (9): Comparison between FSH before and after in both groups:-

Group	FSH			
	Before	After	P	
	MEAN \pm SD	MEAN \pm SD		
Group I	6.44 \pm 1.8	8.13 \pm 2.31	0.3	N.S
Group II	5.64 \pm 1.40	7.16 \pm 1.35	0.5	N.S

Comparison between FSH before and after in group I



Comparison between FSH before and after in group II

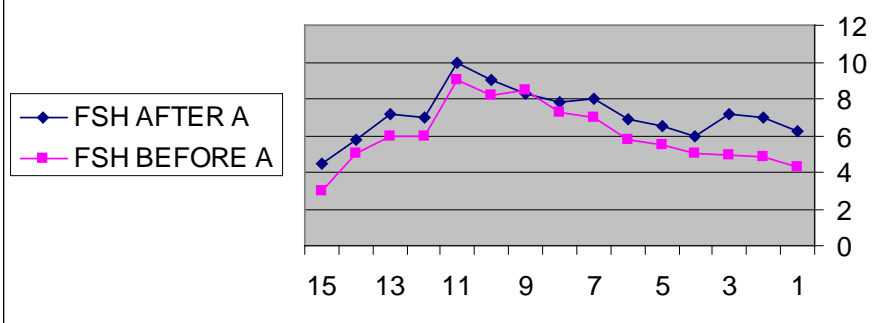


Fig. (8) : There is no significant difference in FSH before and after in both groups:-

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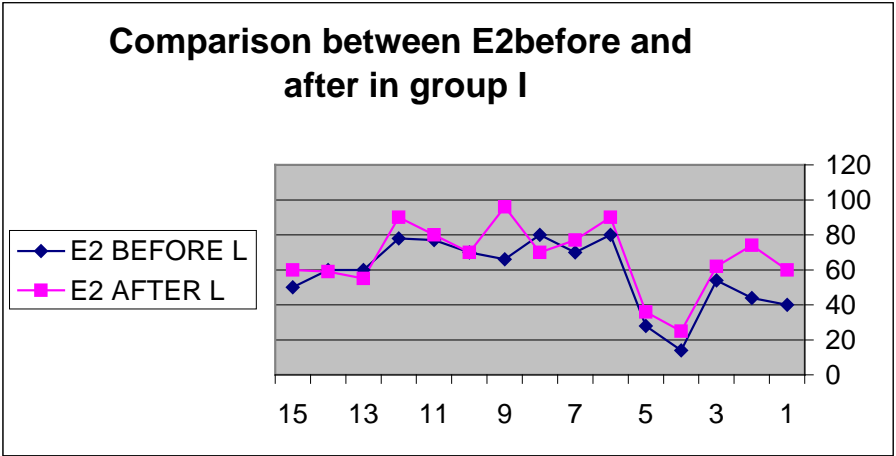
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Table (10): Comparison between E2 before and after in both groups:

Group	E2			
	Before	After	P	
	MEAN± SD	MEAN± SD		
Group I	58.1±19.9	66.9± 19.4	0.227	N.S
Group II	59.5± 22.2	74.5± 16.2	0.4	N.S



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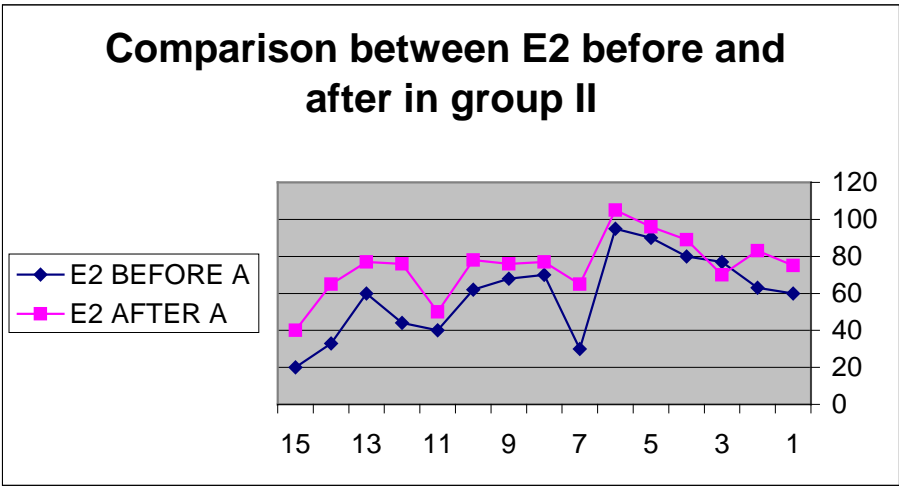


Fig. (9): There is no significant difference in E2 before and after in both groups

Table (11): Comparison between FSH before in both group and after in both group-

FSH before	Group I	Group II	P
	(MEAN \pm SD)	(MEAN \pm SD)	
	6.44 \pm 1.80	6.02 \pm 1.68	0.515
FSH after	Group I	Group II	P
	(MEAN \pm SD)	(MEAN \pm SD)	
	8.13 \pm 2.31	7.16 \pm 1.35	0.173

Comparison between FSH before in both groups

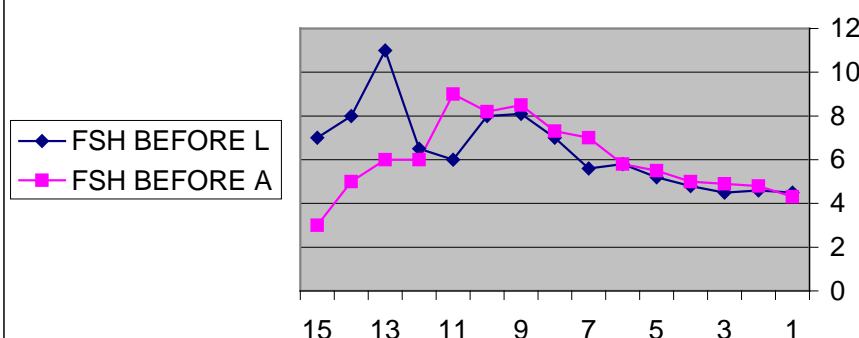
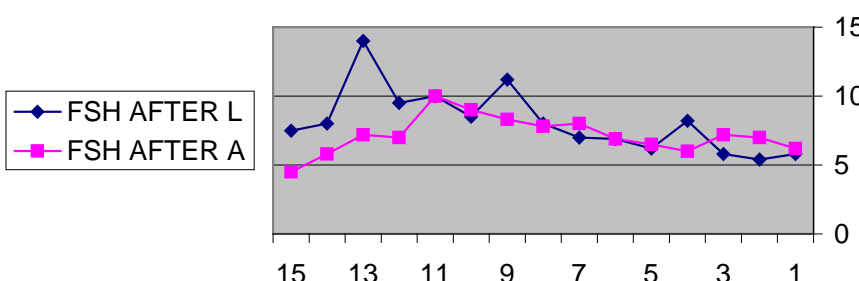


Fig (10): There is no significant difference in FSH before in both groups

Comparison between FSH after in both groups



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Fig (11): There is no significant difference in FSH after in both groups

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Table (12): Comparison between E2 before in both group and after in both group.

E2 before	Group I	Group II	P
	(MEAN \pm SD)	(MEAN \pm SD)	
	58.1 \pm 19.9	59.5 \pm 22.2	
E2 after	Group I	Group II	P
	(MEAN \pm SD)	(MEAN \pm SD)	
	66.9 \pm 19.4	74.8 \pm 16.2	

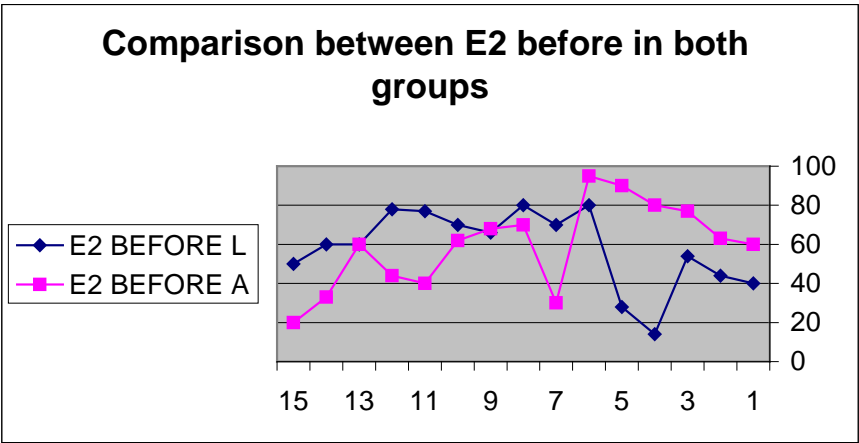


Fig (12): There is no significant difference in E2 before in both group.

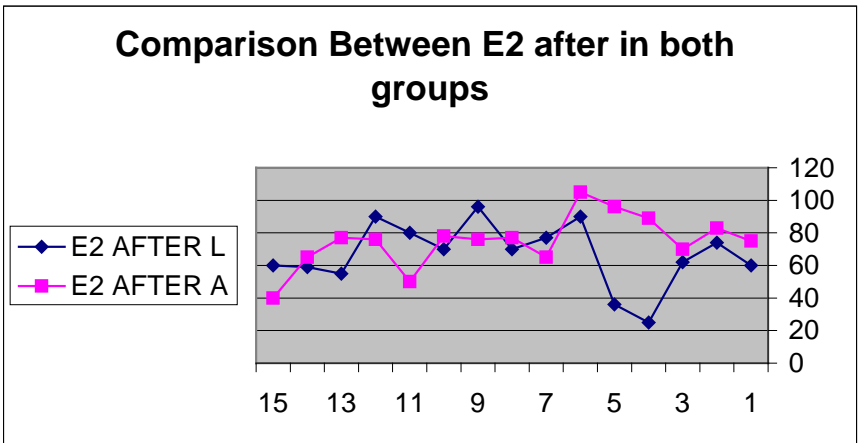


Fig (13): There is no significant difference in E2 after in both group.

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Table (13): Recurrence of signs and symptoms of endometriomas

Variables	Croup I, fenestration and coagulations (n=25)	Group II, Aspiration (n=25)	P
Recurrence of cyst (%)	5/25 (20%)	7/25 (30%)	0.09
Recurrence of symptoms (pain%)	2/25 (7.26%)	4/25 (16%)	0.13
Incidence of infection	0	0	

We observed that recurrence on cyst in higher in group II than in group I this observed after 6 months from the treatment.

The definition of the recurrence as the presence of cyst more that 2cm in diameter by ultrasonography, which might be rather objective and cover minimum lesions. Under this definition, we observed a recurrence rate of 30.4% (*Koga et al., 2006*).

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