



RESULTS



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The total number of patients studied was 100. Sixty three with primary infertility, with age ranging from 18 to 38 years and mean age of 26.4 years and duration of infertility ranging from 1 year to 18 years with a mean duration of infertility of 4.9 years. Thirty seven patients had secondary infertility with age ranging from 21 to 42 years and age mean of 30.4 years, and a duration of infertility ranging from 1 year to 20 years with a mean duration of infertility of 4.3 years. All patients were subjected to basic infertility investigations including hysterosalpingography. The results were collected and tabulated as follow:

Table (1): Hyseroscopic findings detected in 100 infertile women.

Finding	Primary infertility N = 63 patients	Secondary infertility N = 37 patients	Total N = 100 patients
* Normal	42	24	66
* Abnormal	21	13	34
(1) uterine malformation			
a- Arcuate.	1	1	2
b- Subseptate	1	1	2
c- Septate	3	2	5
d- Small uterine cavity.	-	2	2
(2) Submucous myoma.	3	2	5
(3) Intrauterine synechia	5	4	9
(4) Endometrial polyp	1	-	1
(5) Polypoid endometrium	5	-	5
(6) Atrophic endometrium	1	-	1
(7) Hypertrophic endometrium	1	1	2

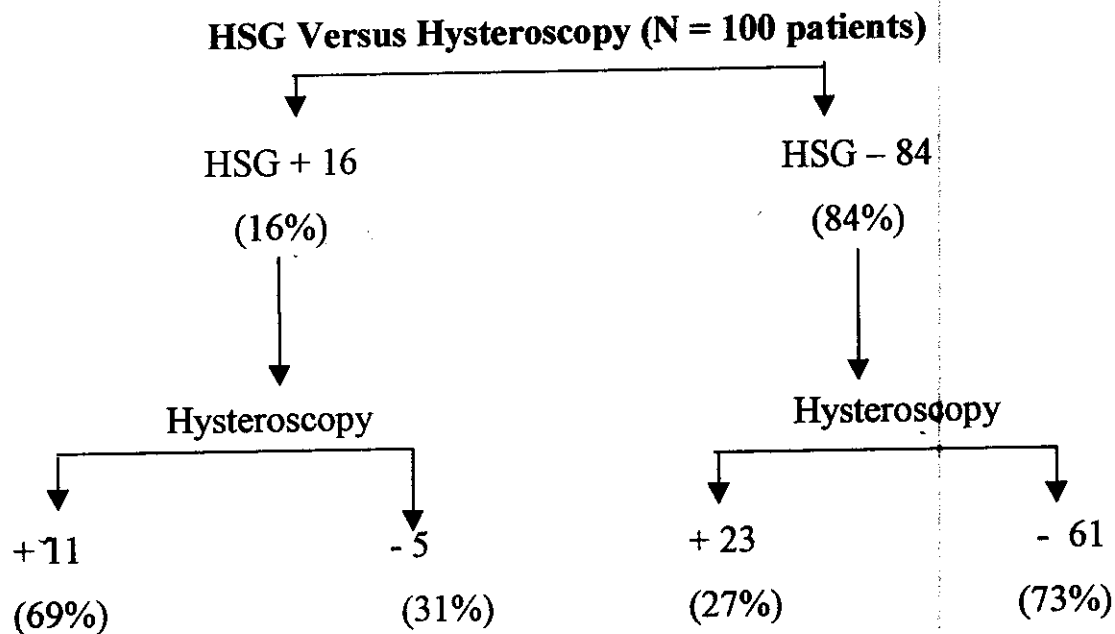
Table (2): Laparoscopic findings detected in 100 infertile women.

	Primary infertility N = 63 patients	Secondary infertility N = 37 patients	Total 100 patients
Normal	16	10	26
Abnormal	47	27	74
(1) Polycystic ovary	11	5	16
(2) Unilateral solitary ovarian cyst (Dermoid – chocolate).	2	1	3
(3) Peritubal adhesions + Bilateral tubal block :			
a) Proximal.	5	3	8
b) Distal	3	2	5
(4) Peritubal adhesion + unilateral tubal block :			
a) Proximal.	4	3	7
b) Distal.	2	3	5
(5) Peritubal adhesion + Bilateral hydrosalpinx.	1	2	3
(6) Peritubal adhesion + patent tubes.	4	1	5
(7) Subserous fibroid	6	3	9
(8) Pelvic inflammatory disease in the form of hydrosalpinx	4	-	4
(9) Endometriosis scattered in uterosacral ligament and ovary	2	1	3
(10) Mullarian anomalies			
- Arcuate	1	1	2
- Small uterus	2	-	2
(11) Broad ligament varicosities	-	2	2

Table (3): HSG and hysteroscopic findings in 100 infertile women.

Procedure	Primary infertility N = 63 patients		Secondary infertility N = 37 patients	
	Normal	Abnormal	Normal	Abnormal
H. S.G.	55	8	29	8
Hysteroscopy	42	21	24	13

Fig. (1) comparison between results of HSG and hysteroscopy in 100 infertile women.



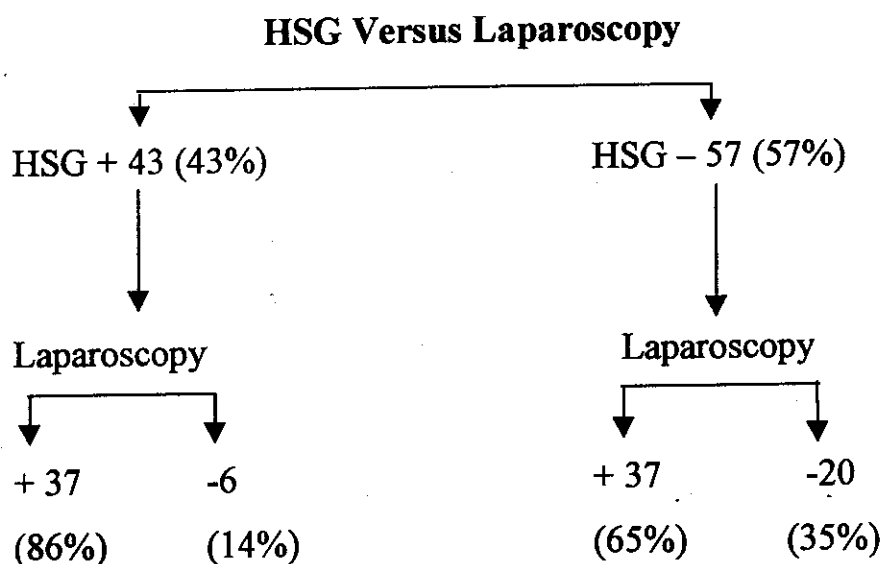
+ = Positive finding.

- = Negative findings.

Table (4): Intrapelvic findings detected by H.S.G. and Laparoscopy in 100 inferable women.

Procedure	Primary infertility N = 63 patients		Secondary infertility N = 37 patients	
	Normal	Abnormal	Normal	Abnormal
H. S.G.	39	24	18	19
Laparoscopic	16	47	10	27

Fig. (2) comparison between results of HSG and Laparoscopy in 100 infertile women.



+ = Positive findings.

- = Negative finding.

Table (5): Normal and abnormal findings of two endoscopic procedures in 100 women.

Findings	Primary infertility N = 63 patients	Secondary infertility N = 37 patients	Total	
			N = 100 patients	%
Both procedures normal	12	6	18	18
Both procedures abnormal	17	10	27	27
Laparoscopy abnormal	47	27	74	74
Hysteroscopy abnormal	21	13	34	34
One or both procedures abnormal	51	31	82	82