



Original Research Paper **Medical Science**

Tubal Recanalisation-A Five Year Analysis

Dr.Swati Patel

Assistant Professor, Dept Of O&G, , GMERS Medical college Sola, Ahmedabad

ABSTRACT Objective-To analyse success rate of tubal recanalisation Method-A Prospective analysis was done of 22 women who underwent sterilisation reversal surgery over a 5 year period from jan 2011 to jan 2016 RESULT –Of these 22 women ,12 became pregnant giving pregnancy rate of 54.5% there were 3 abortions and no ectopic pregnancies.Success rates were higher when reversal followed laparoscopic sterilisations .Isthmo –isthmic anastomosis gave the best results (75%) .Maximum pregnancies occurred within one year of operation.CONCLUSION- Success rate was influenced by previous laparoscopic sterilisation,site of anastomosis and shorter sterilisation-reversal interval.

KEYWORDS recanalisation.

Introduction

This study was undertaken assess success rate of reversal of sterilisation.

Material and Methods.-

A prospective analytical study of 22 women who underwent reversal surgery was done.All expenditure had been provided by government.It included a record of age and parity,menstrual,obstetric history.Husband semen report was done. Surgery was done by anastomosis in two layers by 6-0 vicryl sutures .

Results and Discussion

Maximum %-50% of women were in the age group of 31-35 years,while the 22.7% belonged to the 26-30 years age group. As regards parity ,54.5% were para two. The total pregnancy rate was 55.5%. Three women had first trimester abortion .There was no ectopic .Hulka and Halme ¹ reported an ectopic rate of 23% in a series comprising 101 women. Wallach et al² reported a term pregnancy rate of 50% in a small series of 18 women.

Above study shows that maximum results were in isthmo-isthmic anastomosis.

References.

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Table 1 : Age and Parity Profile.

Age in yrs	No	percent	parity	No.acc. to.parity	percent
20-25	2	9.1	1	0	0
26-30	5	22.7	2	12	54.6
31-35	11	50	3	5	22.7
>35	4	18.2	4	5	22.7

Table 2: pregnancy outcome

	No.	Percent
Total conception	12	
Live birth	9	75%
Abortion	3	25%
Ectopic Pregnancy	0	

Success rate following minilap sterilisation was 35%.

Table 3: Type of anastomosis and Pregnancy Outcome.

Type	Number	Pregnancy	Percent
Isthmo-isthmic	14	10	71.4
Isthmo-ampullary	6	2	33.3
Ampullo-ampullary	2	0	0