

Table 1: Patient characteristics before surgery

Total n = 18 patients	
Age (median (min-max))	36 (30-45)
Gravidity (median (min-max))	2 (1-7)
Parity (median (min-max))	2 (1-3)
Number of caesarean (median (min-max))	2 (1-3)
History of ectopic pregnancy	0
History of pelvic surgery (n (%))	4 (22.2%)
Endometriosis (n (%))	3 (16.7%)
Fertility before surgery	
- Time to conception (months) (average)	11.3
Pregnancy with fertility treatment before surgery: (n (%))	4 (22%)
- stimulation of ovulation (n (%))	0
- intra-uterine insemination (n (%))	1 (25%)
- in vitro fertilization (n (%))	3 (75%)
Symptoms :	
Abnormal uterine bleeding (n (%))	14 (77.8%)
- menorrhagia (n (%))	8 (44.4%)
- metrorrhagia (n (%))	9 (50%)
Pelvic pain	14 (77.8%)
- chronic pelvic pain (n (%))	11 (61.1%)
- chronic pelvic pain intensity (average)	3.5
- dysmenorrhea (n (%))	8 (44.4%)
- dysmenorrhea intensity (average)	2.9
- dyspareunia (n (%))	6 (33.3%)
- dyspareunia intensity (average)	2.9
Ultrasound (n (%))	18 (100%)
MRI (n (%))	6 (33%)
Isthmocele size (ultrasound)	
- height (mm) (median (min-max))	13 (6.5-23)
- width (mm) (median (min-max))	11 (4.4-26)
Residual myometrial thickness (mm) (median (min-max))	2 (0-3)

Surgical indication	
- secondary infertility (n (%))	10 (55%)
- pain (n (%))	5 (28%)
- metrorrhagia (n (%))	3 (17%)
Duration of follow up (months) (median (min-max))	15 (8-85)

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Table 2: Surgical procedures comparison

	HYSTEROSCOPY (5)	VAGINAL SURGERY (8)	LAPAROTOMY (5)
Isthmocele size (ultrasound)			
- height (mm) (median (min-max))	13 (12-18)	13 (7-24)	12 (8-15)
- width (mm) (median (min-max))	10 (7-11)	9 (8-11)	18 (12-20)
Residual myometrial thickness (mm) (median (min-max))	3 (0-3)	3 (0-4)	1 (0-1)
Hospitalization duration (days) median (min-max)	0	3 (1-15)	3 (3-5)
Complication (n (%))			
- Clavien Dindo I (n (%))	0	0	1 (20%)
- Clavien Dindo II (n (%))	0	0	0
- Clavien Dindo III (n (%))	0	0	0
- Clavien Dindo IV (n (%))	0	0	0
- Clavien Dindo V (n (%))	0	0	0
Total symptom improvement (number patients symptom-free after surgery / number patients suffered from symptoms before surgery (%))			
- abnormal uterine bleeding (n (%))	5/6 (83.3%)	3/6 (50%)	¾ (75%)
- pelvic pain (n (%))	4/5 (80%)	9/11(81%)	6/9 (66%)
Intensity pain difference (before and after surgery) :	2	1.5	2.5
Ultrasound resolution (n (%)) 1-2 months after surgery	4 (80%)	2 (25%)	4 (80%)

Table 3: Fertility and obstetric prognosis

	HYSTEROSCOPY	VAGINAL SURGERY	LAPAROTOMY
Number of patients operated by this surgical procedure	5	8	5
Patients desiring to conceive after surgery (n (%))	4/5 (80)	5/8 (62.5)	3/5 (60)
Patients operated on because of secondary infertility (n (%))	4/5 (80)	3/8 (37.5)	3/5 (60)
Among patients desiring to conceive after surgery:			
Total number of pregnancies (n (%)):	4/4 (100)	4/5 (80)	3/3 (100)
Time to conception (average) (months)	13.3	3	26.5
Spontaneous conception (n (%))	1/4 (25)	2/5 (40)	1/3 (33.3)
Conception after fertility treatment (n (%))	3/4 (0.75)	2/5 (40)	1/3 (33.3)
Pregnancy outcome			
- miscarriage	3	2	1
- ectopic pregnancy	0	0	0
- delivery	1	2	2
Mode of delivery			
- caesarean	1	1	2
- vaginal delivery	0	1	0

Table 4: Characteristics of full-term pregnancies

Full term pregnancy	Surgical procedure	Mode of conception	Mode of delivery
1	Hysteroscopy	Fertility treatment	Caesarean
2	Vaginal route	Spontaneous	Vaginal delivery
3	Vaginal route	Spontaneous	Caesarean
4	Laparotomy	Spontaneous	Caesarean
5	Laparotomy	Fertility treatment	Caesarean

Table 5 : Patient satisfaction

	HYSTEROSCOPY (5)	VAGINAL SURGERY (8)	LAPAROTOMY (5)
Patients would recommend this surgery (n (%))	5 (100%)	6 (75%)	3 (60%)
EQ-VAS score (median (min-max))	90 (60-100)	80 (70-100)	90 (60-85)
EQ5D-5L score (median (min-max))			
- mobility	0	0	0
- autonomy	0	0	0
- daily activities	0	0	0
- pain	0 (0-1)	0 (0-3)	0 (0-3)
- anxiety	0 (0-1)	0 (0-3)	0 (0-1)