

Table 1. Characteristics of patients with endometrioma only, adenomyosis only, and deep infiltrating endometriosis

Variables	All patients (n=258)	Endometrioma only (n=59, 22.9%)	Adenomyosis only (n=47, 18.2%)	Deep infiltrating endometriosis (n=152, 58.9%)	P value
Ethnicity, no. (%)					
Chinese	136 (52.7)	36 (61.0)	18 (38.3)	82 (53.9)	0.148
Malay	48 (18.6)	12 (20.3)	13 (27.7)	23 (15.1)	
Indian	26 (10.0)	4 (6.8)	7 (14.9)	15 (9.9)	
Others	48 (18.4)	7 (11.9)	9 (19.1)	32 (21.1)	
Reproductive factors, no. (%)					
Marital status					0.131
Single	69 (26.7)	22 (37.3)	8 (17.0)	39 (25.7)	
Married	177 (68.6)	33 (55.9)	37 (78.7)	107 (70.4)	
Divorced	12 (4.7)	4 (6.8)	2 (4.3)	6 (3.9)	
Virgo intacta (VI) status					0.452
Non-VI	213 (82.6)	46 (78.0)	41 (87.2)	126 (82.9)	
VI	45 (17.4)	13 (22.0)	6 (12.8)	26 (17.1)	
Parity					<0.001
Nulliparous	152 (58.9)	38 (64.0)	14 (29.8)	100 (65.8)	
Parous	106 (41.1)	21 (35.6)	33 (70.2)	52 (34.2)	
Previous vaginal delivery	70 (27.1)	12 (20.3)	27 (57.4)	31 (20.4)	<0.001
Previous caesarean section	40 (15.5)	9 (15.3)	9 (19.1)	22 (14.5)	0.740
Fertility desire ^a	107 (41.5)	21 (35.6)	2 (4.3)	84 (55.3)	<0.001
Previous diagnosis of infertility ^b	67 (26.0)	11 (18.6)	7 (14.9)	49 (32.2)	0.021
Menstrual pattern, no. (%)					
Menstrual regularity					0.374
Regular (24–35 days)	225 (87.2)	51 (86.4)	38 (80.9)	135 (88.8)	
Frequent (≤ 23 days)	4 (1.6)	1 (1.7)	2 (4.3)	1 (0.7)	
Oligomenorrhea (> 35 days)	17 (6.6)	3 (5.1)	4 (8.5)	10 (6.6)	
Amenorrhea (> 1 year)	9 (3.5)	2 (3.4)	3 (6.4)	4 (2.6)	
Heavy menstrual bleeding	109 (42.2)	15 (25.4)	37 (78.7)	57 (37.5)	<0.001
Intermenstrual bleeding	36 (14.0)	5 (8.5)	11 (23.4)	20 (13.2)	0.081
Pain symptomatology, no. (%)					
Pain score before index operation, mean \pm SD					0.005
Dysmenorrhoea					<0.001
Mild	53 (20.5)	19 (32.2)	9 (18.0)	25 (16.4)	
Moderate	17 (6.6)	4 (6.8)	1 (2.0)	12 (7.9)	
Severe	111 (43.0)	12 (20.3)	14 (31.1)	85 (55.9)	
Dyspareunia	30 (11.6)	3 (5.1)	0	27 (17.8)	0.002

Dyschezia	36 (14.0)	1 (1.7)	3 (6.4)	32 (21.1)	<0.001
Tenesmus	45 (17.4)	3 (5.1)	5 (10.6)	37 (24.3)	0.002
Diarrhoea	29 (11.2)	1 (1.7)	3 (6.4)	25 (16.4)	0.005
Constipation	26 (10.1)	3 (5.1)	7 (14.9)	16 (10.5)	0.251
Dysuria or urinary frequency/urgency	20 (7.8)	2 (3.4)	3 (6.4)	15 (9.9)	0.277
Endometriosis/adenomyosis, no. (%)					
Age at first diagnosis of endometriosis, mean ± SD, years	35.5 ± 8.7	36.3 ± 8.6	42.6 ± 9.7	33.0 ± 7.2	<0.001
Previous endometriosis operation	56 (21.7)	7 (11.9)	8 (17.0)	41 (27.0)	0.040
Previous hormonal treatment	105 (40.7)	16 (27.1)	23 (48.9)	66 (43.4)	0.043
Analgesia required before index operation (i.e. NSAIDs)	52 (20.2)	5 (8.5)	11 (23.4)	36 (23.7)	0.039
Previous abdominal/pelvic operation (non-endometriosis related)	70 (27.1)	15 (25.4)	16 (34.0)	39 (25.7)	0.499
Index operation, mean ± SD					
Age at index operation, years	38.1 ± 8.2	37.9 ± 8.1	45.9 ± 6.7	35.7 ± 7.2	<0.001
Height, m	1.6 ± 0.1	1.6 ± 0.1	1.6 ± 0.1	1.6 ± 0.1	0.322
Weight before index operation, kg	61.7 ± 13.4	63.4 ± 13.9	68.5 ± 15.3	58.9 ± 11.7	<0.001
BMI before index operation, kg/m ²	24.4 ± 5.3	24.9 ± 5.5	27.5 ± 6.3	23.2 ± 4.5	<0.001
Duration between age at first endometriosis diagnosis and age at index operation, mean ± SD, years	2.7 ± 4.0	1.6 ± 2.8	3.6 ± 5.2	2.8 ± 3.9	0.041
AMH level before index operation, mean ± SD, pmol/L	19.8 ± 20.8	17.8 ± 11.6	No data ^c	20.4 ± 22.5	0.729
Admission class, no. (%)					0.015
Subsidised	139 (53.9)	41 (69.5)	26 (55.3)	72 (47.4)	
Private	119 (46.1)	18 (30.5)	21 (44.7)	80 (52.6)	

AMH: anti-Müllerian hormone; BMI: body mass index; NSAIDs: nonsteroidal anti-inflammatory drugs; SD: standard deviation

All results were analysed using Pearson's chi-square test or one-way analysis of variance.

Missing data were present for the following variables: AMH level before index operation (n=161), pain score before index operation (n=118), dyspareunia (n=42), dysmenorrhoea (n=4), height and BMI before index operation (n=2), heavy menstrual bleeding, dyschezia, tenesmus, diarrhoea, constipation, dysuria, age at first diagnosis of endometriosis, weight before index operation, and duration between age at first endometriosis diagnosis and age at index operation (n=1).

^aFertility desire refers to whether the patient is considering future pregnancies.

^bPrevious diagnosis of infertility is defined as not being able to conceive after 12 months (or longer) of unprotected sex.

^cNo data as n=1 in this group.