Table 1. Patient, disease characteristics, and clinical outcomes of uterus preserving procedures in management of placenta accreta spectrum

Variable	Uterus preserving management (n = 592, 81.43%)	Cesarean hysterectomy (n = 135, 18.56%)	p value
Age in years	32.99 ± 4.94	33.83 ± 4.73	0.0729
Parity	2)1 - 3)	2)1 - 3)	0.395
BMI	26.8 (24.42 - 29.38)	30.4 (27.92 - 33)	< 0.0001
Smoking			0.006
Non-smokers	548 (92.57%)	115 (85.19%)	
Smokers	44 (7.43%)	20 (14.81%)	
Race			0.001
Asian	266 (44.93%)	38 (28.15%)	
White, European	56 (9.46%)	11 (8.15%)	
Middle Eastern	270 (45.61%)	86 (63.70%)	
Number of previous CS	1 (1 – 2)	1 (1 – 2)	0.3907
IVF pregnancy	28 (4.73%)	6 (4.44%)	0.887
Number of fetuses			0.379
Singleton	578 (97.64%)	130 (96.30%)	
Twin pregnancy	14 (2.36%)	5 (3.70%)	
Gestational diabetes	51 (8.61%)	11 (8.15%)	0.861
Pregestational diabetes	6 (1.01%)	1 (0.74%)	0.770
Gestational hypertension	13 (2.20%)	8 (5.93%)	0.020
Chronic hypertension	13 (2.20%)	4 (2.96%)	0.595
Preeclampsia	9 (1.52%)	4 (2.96%)	0.254
Fetal growth restriction	6 (1.01%)	5 (3.70)	0.021
Prior gynecologic D & C	93 (15.71%)	16 (11.85%)	0.257
Prior obstetric D & C	158 (26.69%)	38 (28.15%)	0.73
Prior open myomectomy	8 (1.35%)	1 (0.74%)	0.563
Prior hysteroscopic myomectomy	2 (0.34%)	0 (0%)	0.499
Prior laparoscopic myomectomy	1 (0.17%)	0 (0%)	0.633
Hysteroscopic adhesiolysis	2 (0.34%)	3 (2.22%)	0.017
Hysteroscopic septum resection	3 (0.51%)	2 (1.48%)	0.216
Gestational age at diagnosis	24.5 (21.25- 32)	27 (23- 32)	0.0545
Method of diagnosis			0.0001
Ultrasound diagnosis	21 (3.55%)	13 (9.63%)	
Ultrasound and Doppler assessment	335 (56.59%)	98 (72.59%)	
Ultrasound confirmed by MRI	188 (31.76%)	23 (17.04%)	
MRI only (ultrasound findings were not conclusive	2 (0.34%)	0 (0%)	
Intrapartum diagnosis	46 (7.77%)	1 (0.74%)	
Gestational age at delivery	36 (35 - 37)	35 (34 - 36)	0.00001
Indication of delivery			0.0001
Elective - related to PAS	393 (67.06%)	92 (68.66%)	
Elective - not related to PAS	54 (9.22%)	1 (0.75%)	

Emergency - related to PAS	102 (17.41%)	39 (29.10%)	
Emergency - unrelated to PAS	37 (6.31%)	2 (1.49%)	
Preoperative hemoglobin (g/dl)	11 (10.3-12)	10.9 (10.2-11.6)	0.0654
PAS type			< 0.0001
Accreta	293 (49.49%)	10 (7.41%)	
Increta	188 (31.76%)	39 (28.89%)	
Percreta	111 (18.75%)	86 (63.70%)	
Placental site			0.01
Anterior low	192 (32.43%)	41 (30.37%)	
Posterior low	178 (30.07%)	7 (5.19 %)	
Central over the internal os	182 (30.74%)	78 (57.78%)	
High anterior	11 (1.86%)	4 (2.96%)	
High posterior	16 (2.70%)	2 (1.48%)	
Fundal	13 (2.20%)	3 (2.22%)	
Placental invasion			< 0.0001
Focal	430 (72.64%)	18 (13.33%)	
Complete	162 (27.36%)	117 (86.67%)	
Uterine incision			< 0.0001
Low transverse	390 (66.55%)	14 (10.37%)	
High transverse	138 (23.55%)	63 (46.67%)	
Classic	45 (7.68%)	56 (41.48%)	
Low vertical	13 (2.22%)	2 (1.48%)	
Relation of incision to placenta			< 0.0001
Incision through placenta	200 (33.78%)	9 (6.67 %)	
Incision away from placenta	392 (66.22%)	126 (93.33%)	
Preoperative ultrasound	566 (95.61%)	127 (94.07%)	0.446
Intraoperative ultrasound	18 (3.04%)	12 (8.89%)	0.002
Organ invasion			> 0.0001
No organ invasion	537 (90.71%)	76 (56.30%)	
Bladder invasion	49 (8.28%)	46 (34.07%)	
Parametrial invasion	6 (1.01%)	12 (8.89%)	
Local resection	(33, 5.57%)	(0, 0%)	0.005
Intrauterine balloon	(67, 11.32%)	(0, 0%)	< 0.0001
Vascular ligation			
Internal iliac artery ligation	(72, 12.16%)	-	-
Uterine artery ligation	(89, 15.03%)	-	-
Ovarian branch ligation	(36, 6.08%)	-	-
Placental bed suture	(115, 19.43%)	-	-
Interventional radiology	(19, 3.21%)	(49, 36.30%)	< 0.0001
Uterine artery embolization	(12, 2.03%)	(15, 11.11%)	< 0.0001
Common iliac artery balloon	(8, 1.35%)	(36, 26.67%)	< 0.0001
Compression sutures	(195, 32.94%)	-	-
B-Lynch	(148, 25.00%)	-	-
Square sutures	(7, 1.18%)	-	-
Nausicaa suture	(15, 2.53%)	-	-
Uterine pack	4 (0.68%)	-	-