## A comparison of praevia and non-praevia outcomes in placenta accrete spectrum cases: A single centre analysis.

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	Table 1: Delivery Outcomes				
Background		Placenta praevia	Normally sited	P value	
Placenta accreta spectrum (PAS) causes severe maternal morbidity and mortality.		n = 107	n = 28		Figure 1 – Estimated blood loss
Antenatal diagnosis can optimise maternal outcomes and reduce the risk of	Antenatal admission	91 (86%)	18 (64%)	0.015	10000
	- APH	- 62 (58.5%)	- 7 (25%)		9000
complications. PAS cases where the placenta is not low lying are suggested to be more	- Elective	- 23 (25.3%)	- 3 (16%)		8000 p value 0.0049
difficult to diagnose antenatally and are potentially associated with different	Gestation at delivery^	35 (34 - 35)	35 (33 – 38)	0.074	7000
	- =/> 37 weeks (n, %)	- 11 (10%)	- 9 (32%)	0.011	6000
outcomes.					4000
	Birthweight (grams)#	2510.5 (+/- 598.9)	2726.5 (+/- 747.9)	0.115	3000
Aim	Antenatal corticosteroids for	87 (82%)	18 (64%)	0.049	2000
The second first and the second state in the second state of the second state in the second state of the s	fetal lung maturation	04 (70%)	10 (649()	0.433	1000
To compare factors associated with births in PAS pregnancies with and without	Scheduled delivery Skin incision	84 (79%)	18 (64%)	0.433	o
placenta praevia at a single tertiary centre over 15 years.	- Midline	- 91 (89%)	- 15 (63%)	0.079	Placenta praevia Normally sited placenta
	- Transverse	- <u>91 (89%)</u> - <u>11 (11%)</u>	- 9 (36%)	0.079	
Methods	Uterine incision		. ,		Conclusions:
A retrognective review was conducted of all births complicated by DAS, from a site	- Vertical	- 86 (81%)	- 8 (29%)	<0.001	Suspected DAS without placente propuie
A retrospective review was conducted of all births complicated by PAS, from a site-	- Transverse	- 20 (19%)	- 17 (61%)		Suspected PAS without placenta praevia
specific database. Cases with and without a placenta praevia were analysed to	Estimated blood loss^ (mL)	1700 (925-3000)	900 (575-1538)		are at lower risk of hysterectomy and
compare differences in maternal risk factors, outcomes and histological diagnosis.	EBL >1000mL	79 (74%)	13 46%)	0.011	massive blood loss. The management
	Placental separation	42 (40%)	22 (79%)	0.001	
	Hysterectomy	73 (69%)	6 (21%)	<0.001	approach can be tailored accordingly, with
Results	Surgical diagnosis			0.400	good operative outcomes with transverse
Between June 2006 and July 2020 there were 134 cases of PAS, 106 with placenta	- Accreta - Increta	- 35 (33%) - 34 (32%)	- 13 (46%) - 5 (18%)	0.133	abdominal and uterine incisions. Antenatal
	- Percreta	- 20 (19%)	- 2 (7%)		
praevia. Cases without praevia were more likely to have no history of previous	Histological diagnosis				diagnosis can be difficult to accurately
caesarean section, and were less likely to be admitted electively for delivery planning		22 (240/)	7 (25%)	0.247	predict the degree of invasion and a higher
or with antepartum haemorrhage. A higher proportion of cases without praevia were	- No invasion - Accreta	- 22 (21%) - 27 (25%)	- 7 (25%) - 13 (52%)	0.247	level of suspicion is required.
	- Increta	- 27 (25%)	- 5 (18%)		
delivered at term with no overall difference in emergency or elective deliveries. The	- Percreta	- 20 (19%)	- 2 (7%)		
overall estimated blood loss was significantly lower in those without praevia.	# mean, SD ^ median, IQR	APH – antepartum haem	orrhage, EBL estimated bl	ood loss	