

Sample ID	Patient ID	Antepartum diagnosis	Pathology diagnosis	Previa, Y/N	Maternal age	GA at delivery (nearest half-week)	Placental weight	# prior uterine procedures (CS, D&C, and/or myomectomy)	Mode of delivery	Other notes
Cohort 1:										
C1	NP1	Spontaneous pre-term birth	Normal placenta	N	< 35	29.5 wk	253 g	1	VD	
C2	NP2	Spontaneous pre-term birth	Placenta with accessory lobe	N	< 35	31 wk	278 g, incl. accessory lobe	0	CD	advanced cervical dilation before C-section
C3	NP3	Spontaneous pre-term birth	Normal placenta	N	< 35	28 wk	230 g	0	VD	vaginal bleeding; GBS (+)
C4	NP4	Spontaneous pre-term birth; posterior placenta	Normal placenta	N	≥ 35	32 wk	390 g (75th percentile)	0	VD	
C5	NP5	Spontaneous pre-term birth	Normal placenta; translucent fetal membranes with several fibrous clots	N	< 35	31 wk	460 g	1	CD	history of prior classical C-section
C6	NP6	Spontaneous pre-term birth	Large placenta for gestational age	N	< 35	28.5 wk	312 g	2	CD	
C7	NP7	Spontaneous pre-term birth; probable placenta abruption	Placental disk with adjacent hemorrhage, consistent with placental abruption	N	< 35	29.5 wk	330 g	1	VD	
C8	NP8	Spontaneous pre-term birth	Normal placenta	N	< 35	29 wk	247 g	1	CD	
C9	NP9	Spontaneous pre-term birth	Amniotic fluid infection sequence; ruptured fetal membranes	N	< 35	28 wk	278 g (75th-90th percentile)	0	VD	
P1	NP10	Marginal placenta previa	Placenta previa; premature villos maturation consistent with placental insufficiency and vascular disruption	Y	< 35	28 wk	200 g	0	CD	vaginal bleeding
P2	NP11	Complete posterior placenta previa, bleeding	Placenta previa	Y	≥ 35	29.5 wk	247 g (10th-25th percentile)	1	CD	vaginal bleeding; high transverse C-section
A1	NP12	Complete anterior placenta previa; suspected percreta	Placenta percreta and previa; uterine rupture; fetal membranes adherent to uterine walls	Y	≥ 35	30 wk	200 g	2	CD	vaginal bleeding; gravid uterus with multiple omental and bladder adhesions
A2	NP6	Placenta previa and percreta	Placenta percreta and previa; uterine rupture	Y	< 35	30 wk	207 g	≥3	CD	s/p Cesarean-hysterectomy
A3	NP13	Complete central placenta previa; concern for focal accreta; PPROM	Placenta in creta and previa	Y	≥ 35	30 wk	220 g	≥3	CD	vaginal bleeding; s/p Cesarean hysterectomy
A4	NP4	Complete placenta previa with concern for accreta	Placenta percreta and previa	Y	< 35	32 wk	N/A	≥3	CD	s/p Cesarean hysterectomy

Cohort 2:										
C10	NP15	Cervical cancer; preterm labor	Normal placenta; invasive, adenocarcinoma cancer	N	≥ 35	35 wk	400 g (50th-75th percentile)	1	CD	cervical cancer; s/p Cesarean-Hysterectomy
C11	NP16	Cervical cancer; scheduled Cesarean hysterectomy	Normal placenta; negative for residual carcinoma	N	< 35	34 wk	345 g (25th-50th percentile)	0	CD	cervical cancer; s/p Cesarean hysterectomy
C12	NP17	PPROM; Twin gestation	Small for gestational age mono chorionic diamniotic twin placenta	N	< 35	32.5 wk	205.5 g	0	VD	GBS (+)
A6	NP17	PPROM; Twin gestation	Small for gestational age mono chorionic diamniotic twin placenta; microscopic placenta accreta	N	< 35	32.5 wk	134 g	0	VD	GBS (+)
C13	NP18	PPROM	Intermediate acute chorioamnionitis	N	< 35	37 wk	340 g (5th-10th percentile)	0	CD	CD due to arrest of dilation
C14	NP19	Di/Di twin pregnancy; vaginal bleeding secondary to placenta previa with accreta, with concern for percreta; anterior placenta	Normal twin placenta	Y	≥ 35	31.5 wk	Placenta B: 217 g (10-25th percentile)	0	CD	vaginal bleeding; IVF pregnancy; s/p Cesarean hysterectomy
A11	NP19	Di/Di twin pregnancy; vaginal bleeding secondary to placenta previa with accreta, with concern for percreta; complete central placenta previa with concern for accreta	Placenta in creta and previa; twin placenta	Y	≥ 35	31.5 wk	N/A	0	CD	vaginal bleeding; IVF pregnancy; s/p Cesarean hysterectomy
P3	NP20	Placenta previa	Placenta previa	Y	≥ 35	37 wk	475 g (50th-75th percentile)	1	CD	
P4	NP21	Marginal placenta previa	Placenta previa; myometrium with implantation site changes	Y	< 35	36 wk	500 g (50th-75th percentile)	0	CD	vaginal bleeding; s/p Cesarean hysterectomy
P5	NP22	Placenta previa with suspected accreta	Placenta previa; large placenta for gestational age	Y	≥ 35	35 wk	520.1 g (>97th percentile)	0	CD	
P6	NP23	Complete anterior placenta previa	Placenta previa; patchy chorionic hemodermoidosis suggestive of retroplacental bleeding	Y	≥ 35	29.5 wk	330 g (50th-75th percentile)	3	CD	
P7	NP24	Complete placenta previa	Placenta previa; large for gestational age placenta; disrupted maternal surface	Y	≥ 35	34 wk	500 g	0	CD	vaginal bleeding
P8	NP25	Complete placenta previa	Placenta previa	Y	<35	31 wk	330 g (50th-75th percentile)	2	CD	vaginal bleeding
A5	NP26	Complete placenta previa and potential percreta	Placenta accreta (focal) and previa; laminar necrosis of decidua capsularis in fetal membranes	Y	≥ 35	31 wk	N/A	≥3	CD	s/p Cesarean Hysterectomy
A7	NP27	Complete anterior placenta previa; placenta accreta	Placenta accreta (focal) and previa; chronic villitis	Y	< 35	33 wk	400 g (75th-90th percentile)	2	CD	s/p Cesarean hysterectomy
A9	NP28	Placenta previa, possible accreta	Placenta accreta and previa	Y	≥ 35	34 wk	N/A	1	CD	s/p Cesarean hysterectomy
A10	NP29	Complete central placenta previa; no accreta	Placenta accreta and previa (cervical); small placenta for gestational age; laminar necrosis of decidua capsularis	Y	≥ 35	30 wk	197 g (5th-10th percentile)	1	CD	vaginal bleeding; s/p Cesarean hysterectomy
A12	NP30	Marginal anterior previa; placenta accreta	Placenta in creta and previa; patchy non-specific chronic villitis; chronic deciduitis; amniotic fluid infection sequence	Y	≥ 35	36 wk	405 g (25th-50th percentile)	≥3	CD	mild preeclampsia; s/p Cesarean hysterectomy
A13	NP31	Placenta previa with suspected accreta, possibly percreta	Placenta percreta and previa	Y	< 35	34 wk	N/A	2	CD	
A14	NP32	Complete central placenta previa with suspicion for accreta or in creta	Placenta percreta and previa (cervical)	Y	≥ 35	36.5 wk	N/A	≥3	CD	s/p Cesarean hysterectomy
A15	NP33	Placenta previa with accreta, suspected percreta	Placenta percreta and previa; organizing intervillous hemorrhage; fetal membranes adherent to uterine cavity	Y	≥ 35	34.5 wk	N/A	≥3	CD	s/p Cesarean Hysterectomy
A16	NP34	Placenta previa; placenta accreta with high suspicion of percreta	Placenta percreta and previa	Y	≥ 35	35 wk	396 g (25th-50th percentile)	≥3	CD	s/p Cesarean hysterectomy
A17	NP35	Placenta previa with concern for placenta accreta	Placenta percreta and previa	Y	≥ 35	34 wk	N/A	≥3	CD	s/p Cesarean hysterectomy
A18	NP36	Placenta previa and percreta	Placenta percreta and previa (complete)	Y	≥ 35	32 wk	N/A	1	CD	s/p Cesarean hysterectomy
A19	NP37	Complete central previa and accreta/ in creta with suspected percreta	Placenta percreta and previa	Y	< 35	34 wk	N/A	≥3	CD	vaginal bleeding; s/p Cesarean hysterectomy
A20	NP38	Complete placenta previa and in creta	Placenta percreta; maternal placental underperfusion	Y	≥ 35	36 wk	N/A	1	CD	
A21	NP39	Complete central placenta previa; placental in creta or percreta	Placenta percreta and previa	Y	< 35	28.5 wk	N/A	≥3	CD	vaginal bleeding; s/p Cesarean hysterectomy
A22	NP40	Possible focal accreta	Placenta percreta	N	≥ 35	37 wk	N/A	2	CD	

Additional patient details available upon request.