

APPENDIX P

PLACENTA HISTOPATHOLOGY REPORTING FORM

This is a singleton or twin (monochorionic/dichorionic; monoamniotic/diamniotic) placenta with the following features:

Placental maturity: This is a mature/premature/immature placenta in keeping with ____ weeks gestation. There is placental dysmaturity (Yes/No)

Placental weight: _____ g (____ centile)

Fetoplacental weight ratio:

Placental cord diameter: _____ mm

Placental hypoplasia (weight <10th centile for gestation and/or cord diameter <10th centile for gestation or <8 mm diameter at term): Present/Not identified

Placentomegaly (weight >10th centile for gestation): Present/Not identified

Placental vascular processes:

Maternal stromal-vascular lesions: Present/Not identified

Developmental changes: Superficial implantation: Present/Not identified

Changes of maternal malperfusion: Present/Not identified

Global changes:

Early (distal villous hypoplasia): Present/Not identified

Focal (lower 2/3rds placental disc/ >30% of slide/1 slide/Not Identified)

Diffuse (lower 2/3rds placental disc/>30% of slide/>2 slides/Not Identified)

Late (accelerated villous maturation): Present/Not identified

Increased syncytial knots (>30% villi): Present/Not identified

Segmental changes:

Villous infarct(s): Present/Not identified

Number:

Site:

Size:

Age:

Recent Established Variable:

Placental involvement: _____ %

Decidual arteriopathy: (Present/Not identified)

Site: Placental bed/Parietal membranes/Not Identified

Acute atherosclerosis: Present/Not identified

Fibrinoid necrosis: Present/Not Identified

Spiral artery remodelling: Present/Not Identified

Parietal mural hypertrophy: Present/Not Identified

Intramural trophoblast: third trimester: Present/Not Identified

Chronic perivasculitis: Present/Not Identified

Increased immature extravillous trophoblast: Present/Not Identified

Loss of maternal vascular integrity:

Abruptio placenta (arterial): Present (Acute/Chronic)/Not identified

Retroplacental haemorrhage: Present/Not identified

Indentation: Present/Not identified.

Size:

Weight of separate blood clot: _____g

Compression of overlying placenta: Present/Not identified

Villous congestion/haemorrhage: Present/Not identified

Marginal abruption (venous): Present (Acute/Chronic)/Not identified

Fetal stromal-vascular lesions:

Developmental:

Villous capillary lesions: Present/Not identified

Chorangioma: Present/Not identified

Delayed villous maturation (maturation defect; >34 weeks gestation, monotonous villous population, >10 villi >30% 1 slide): Present/Not Identified/Not Applicable (gestational age <34 weeks :

Grade: Focal (1 slide)/Diffuse (>/= 2slides)

Diabetes related

Idiopathic

Dysmorphic villi: Present/Not Identified

Villous oedema: Present/Not Identified

Changes of fetal malperfusion:

Global/partial:

Obstructive lesions of umbilical cord: Present/Not identified.

Recent intramural fibrin in large fetoplacental vessels: Present (site: arterial/venous)/Not Identified

Small foci of avascular or karyorhectic villi: Present/Not Identified

Segmental/complete:

Chorionic plate or stem villous thrombi: Present/Not Identified
Large foci of avascular or karyorhectic villi: Present/Not Identified

Loss of vascular integrity:

Large vessel rupture (fetal haemorrhage): Present/Not Identified
Small vessel rupture (fetomaternal haemorrhage): Present/Not Identified

Placental inflammatory-immune processes:

Acute maternal inflammatory response: Present/Not Identified

Stage 1: Subchorionitis/chorionitis (6-12 hours)
Stage 2: Chorioamnionitis (12-36 hours)
Stage 3: Necrotising chorioamnionitis (>36 hours)
Grade: Severe/Not Severe

Subacute/chronic maternal: Present/Not Identified

Mixed neutrophilic - histiocytic chorioamnionitis (weeks)

Acute fetal inflammatory response: Present/Not Identified

Stage 1: Chorionic vasculitis/umbilical phlebitis (variable time)
Stage 2: Umbilical arteritis (variable time)
Stage 3 Necrotising funistis (days)
Grade: Severe/Not Severe

Subacute/chronic fetal response: Present/Not Identified

Subnecrotising or necrotising funistis/prevasculitis (weeks)

Chronic maternal/fetal inflammatory response:

Villitis: Present/Not Identified
Infectious lesions: Present/Not Identified
Viral inclusions: Present/Not Identified
Other organisms: Present/Not Identified
Immune/idiopathic inflammatory lesions: Present/Not Identified
Villitis of unknown etiology: Present/Not Identified

Location:

Basal: Yes/No

Parabasal: Yes/No

Paraseptal: Yes/No

Random parenchyma: Yes/No

Subchorionic: Yes/No

Type: Lymphocytic villitis/Lymphoplasmacytic villitis/Lymphohisticytic villitis.

Giant cells: Present/Not Identified

Grade:

Focal low grade (<10 contiguous villi any one focus, on a single slide)

Multi-focal low grade (<10 contiguous villi any one focus, on multiple slides)

Patchy high grade (at least one focus <10 contiguous villi on multiple slides)

Diffuse high grade (at least one focus >10 contiguous villi, 30% terminal villi involved).

Ungradable, possible low grade, villitis (one focus < 10 contiguous villi).

Ungradable, possible high grade, villitis (one focus >10 contiguous villi)

Obliterative fetal vascular changes: Present. Not identified.

Chronic chorioamnionitis: Present/Not Identified

Lymphoplasmacytic deciduitis: Present/Not Identified

Eosinophil T-cell fetal vasculitis: Present/Not Identified

Intervillositis:

Chronic histiocytic intervillositis: Present/Not Identified

Acute intervillositis: Present/Not Identified

Fibrin deposition: Present/Not Identified

Other placental pathology:

Massive perivillous fibrinoid deposition (maternal floor infarction) Present/Not Identified

Abnormal placental shape or umbilical insertion site: Present/Not Identified

Morbidly adherent placentas (accrete): Present/Not Identified

Meconium-associated changes: Present/Not Identified

Increased circulating nucleated red blood cells: Present/Not Identified

Changes of fetal death in utero: Present/Not Identified

Changes suggestive of aneuploidy: Present/Not Identified

Changes suggestive of polyploidy: Present/Not Identified

Comments:

CONCLUSION:

