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 >90th 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 syncytiot 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 atherosis:** 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 funisitis (days)
- Grade: Severe/Not Severe

**Subacute/chronic fetal response:** Present/Not Identified
  Subnecrotising or necrotising funisitis/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:**