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| Patient | GA DiagnosisUS & AF | IgG/IgM^IgG Avidity  | USCNS Findings | USExtra-CNS findings | MRI (GA) CNS Findings | FLV (cm3) | FLV/AC ratio  | FLV/FBV ratio | GATOPw/d | Macerationstatus ƒ | Liver weight (Necropsy) | Anatomopathological findings |
| 1 | 22 w | Pos/PosIntermediate | PV hyperechogenicity Anterior horns dilatedEnlarged sub-arachnoidspace | Hyperechogenic bowelHepatomegaly | **23.1:** Microcephaly Mild delay in cortical development Mild VMG | 49.7 | 3.14 | 7.46 | 24.0 | I | 44.0 g | Periventriculitis with sub-ependymal disruption and reactive gliosis.  |
| 2 | 22 w | Pos/Pos N/A | PV hyperechogenicity PV calcificationsThalami calcifications | Hyperechogenic bowelIUGR Cardiomegaly Liver calcifications,OligohydramniosPlacentomegaly  | **25.6:** Normal  | 75.9 | 4.40 | 7.52 | 28.0 | I | 81.0 g | Cerebellum hypoplasia, CMV inclusions in brain, thyroid gland, lungs, liver, kidneys. CMV chronic villitis.  |
| 3 | 23 w | Pos/NegHigh | PV hyperechogenicity  | IUGR  | **24.2:** Hypoechogenic pinpoint images surrounding the lateral ventricles (posterior & temporal horn) | 56.7 | 3.00 | 6.17 | 25.1 | III | 20.1 g | IUGR, CMV inclusions in brain, liver, kidneys. CMV chronic villitis. |

 **Supplementary Table 2 (a)**. US/MRI findings, FLV, FLV/AC ratio, FLV/FBV ratio and liver weight in necropsy in severely affected fetuses with termination of pregnancy.

US: ultrasound. MRI: magnetic resonance Imaging. FLV: fetal liver volume. FLV/AC ratio: fetal liver volume to abdominal circumference ratio. FLV/FBV ratio: fetal liver volume to fetal body volume ratio. GA: gestational age in weeks (w). AF: amniotic fluid. CNS: central nervous system. N/A: not available. PV: periventricular. VMG: ventriculomegaly. IUGR: intra-uterine growth restriction. CC: corpus callosum. TCD: transverse cerebellar diameter. WM: White matter. IV: Intraventricular. IUGR: intrauterine growth restriction. ƒ Maceration: I: none/mild, II: moderate, III: marked.

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| Patient | GA DiagnosisUS & AF | IgG/IgM^IgG Avidity  | USCNS Findings | USExtra-CNS findings | MRI (GA) CNS Findings | FLV (cm3) | FLV/AC ratio  | FLV/FBV ratio | GATOPw/d | Macerationstatus ƒ | Liver weight (Necropsy) | Anatomopathological findings |
| 4 | 25 w | Pos/NegHigh | PV hyperechogenicityCC & TDC <p5 | None | **28.0**: Micrencephaly, Severe delay in cortical development. Right hemispheric atrophy  | 109.4 | 4.97 | 5.97 | 29.0 | I | 88.6 | Polymicrogyria (occipital lobe, parietal lobe, frontal lobe). Delay in Silvio fissure development. Splenomegaly (spleen: 5.7 g). |
| 5 | 26 w | Pos/PosIntermediate | PV hyperechogenicity PV cyst Mild VMG | Hyperechogenic bowel | **30.4:** Temporal lobe cyst**.**Mild VMG | 137.3 | 5.86 | 5.96 | 34.6 | I | 140.3 g  | Pachygyria - Polymicrogyria and cortical dysplasia (R-hemisphere). CMV inclusions: brain, kidneys & pancreas. CMV placental villitis  |
| 6 | 26.4 w | Pos/Neg N/A | PV hyperechogenicity PV calcificationsDelay in cortical maturation | IUGR   | **27.5:** Microcephaly. PV cysts, WM hypersignal Severe delay in cortical maturation (Lissencephaly) | 86.3 | 4.14 | 7.08 | 28.2 | I | 59.8 g | MicrencephalyCMV inclusions: brain, lungs, liver, & kidneys. CMV chronic villitis  |

**Supplementary Table 2 (b)**. US/MRI findings, FLV, FLV/AC ratio, FLV/FBV ratio and liver weight in necropsy in severely affected fetuses with termination of pregnancy.

US: ultrasound. MRI: magnetic resonance Imaging. FLV: fetal liver volume. FLV/AC ratio: fetal liver volume to abdominal circumference ratio. FLV/FBV ratio: fetal liver volume to fetal body volume ratio. GA: gestational age in weeks (w). AF: amniotic fluid. CNS: central nervous system. N/A: not available. PV: periventricular. VMG: ventriculomegaly. IUGR: intra-uterine growth restriction. CC: corpus callosum. TCD: transverse cerebellar diameter. WM: White matter. IV: Intraventricular. IUGR: intrauterine growth restriction. ƒ Maceration: I: none/mild, II: moderate, III: marked.

**Supplementary Table 2 (c)**. US/MRI findings, FLV, FLV/AC ratio, FLV/FBV ratio and liver weight in necropsy in severely affected fetuses with termination of pregnancy.

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| Patient | GA DiagnosisUS & AF | IgG/IgM^IgG Avidity  | USCNS Findings | USExtra-CNS findings | MRI (GA) CNS Findings | FLV (cm3) | FLV/AC ratio  | FLV/FBV ratio | GATOPw/d | Macerationstatus ƒ | Liver weight (Necropsy) | Anatomopathological findings |
| 7 | 27 w | Pos/NegHigh | PV hyperechogenicityCaudate nucleus cyst Temporal lobe cystIV adhesion  | Cardiomegaly  | **29.2:** Mild delay in cortical maturation. PV cyst, IV cysts (occipital horn)Mild VMGWM hypersignal | 130.5 | 5.39 | 5.58 | 30.3 | I | 103.6 g  | CMV inclusions: lungs & liver.CMV placentitis & villitis. |
| 8 | 29 w | Pos/PosHigh | VentriculitisGerminal matrix cystMild unilateral VMG | None | **30.1:** Micrencephaly.Polymicrogyria. Encephalic asymmetryVentriculitis Severe VMG  | 111.1 | 4.28 | 4.65 | 31.1 | I |  76.5 g | Microcephaly. Encephalitis. Polymicrogyria (frontal & temporal lobe – R hemisphere) Extended ventriculitis with necrosis. WM microglial nodes. CMV inclusions in brain, lungs, liver, pancreas & kidneys.  |
| 9 | 30 w | Pos/Neg High | Cerebellar cysts | IUGR   | **31.0:**  Cortical dysplasia, Polymicrogyria. Subdural hematoma. Cerebellum vermian cyst. Encephalomalacia | 158.0 | 6.38 | 7.85 | 32.0 | I | 111.0 g | Cerebellar hypoplasia & cortical hemorrhage.PeriventriculitisInterstitial nephritis CMV placentitis |

US: ultrasound. MRI: magnetic resonance Imaging. FLV: fetal liver volume. FLV/AC ratio: fetal liver volume to abdominal circumference ratio. FLV/FBV ratio: fetal liver volume to fetal body volume ratio. GA: gestational age in weeks (w). AF: amniotic fluid. CNS: central nervous system. VMG: ventriculomegaly. PV: periventricular. IUGR: intra-uterine growth restriction. CC: corpus callosum. TCD: transverse cerebellar diameter. WM: White matter. IV: Intraventricular. IUGR: intrauterine growth restriction. ƒ Maceration: I: none/mild, II: moderate, III: marked.

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| Patient | GA DiagnosisUS & AF | IgG/IgM^IgG Avidity  | USCNS Findings | USExtra-CNS findings | MRI (GA) CNS Findings | FLV (cm3) | FLV/AC ratio  | FLV/FBV ratio | GATOPw/d | Macerationstatus ƒ | Liver weight (Necropsy) | Anatomopathological findings |
| 10 | SeroConv(8-14 w)(AF: 33.1 w) | Pos/PosLow | 33 w: Severe VMG Temporal lobe cysts  | None | **34.1:** Severe VMGSubependymal cyst. TCD<p5WM hypersignal | 168.0 | 6.20 | 4.85 | 34.5 | I |  139.0 g | Polymicrogyria. WM gliosis. Severe VMG. Occipital horn cysts, CMV inclusions in brain, lungs, liver, pancreas & kidneys. CMV chronic villitis |
| 11 | 34 w | Pos/NegHigh | PV hyperechogenicityPorencephalic cyst | None | **36.0**: WM hypersignal  | 167.5 | 5.58 | 4.11 | 37.0 | II | 148.7 g | Focal encephalitis & gliosis, CMV inclusions in brain, lungs, liver, pancreas & kidneys CMV chronic villitis  |

**Supplementary Table 2 (d)**. US/MRI findings, fetal liver volume (FLV), FLV/AC ratio, FLV/FBV ratio and liver weight in necropsy in severely affected fetuses with termination of pregnancy.

US: ultrasound. MRI: magnetic resonance Imaging. FLV: fetal liver volume. FLV/AC ratio: fetal liver volume to abdominal circumference ratio. FLV/FBV ratio: fetal liver volume to fetal body volume ratio. GA: gestational age in weeks (w). AF: amniotic fluid. CNS: central nervous system. SeroConv: seroconversion. VMG: ventriculomegaly. PV: periventricular. IUGR: intra-uterine growth restriction. CC: corpus callosum. TCD: transverse cerebellar diameter. WM: White matter. IV: Intraventricular. IUGR: intrauterine growth restriction. ƒ Maceration: I: none/mild, II: moderate, III: marked.