Supplemental Material

Body measures when admitted with failure to thrive: weight: 7220 g < 3rd centile; length: 72 cm < 3rd centile), and microcephaly (head circumference: 44 cm < 3rd centile).

Laboratory results when admitted with valproic acid hepatotoxicity are as follows:

- Albumin: 25 g/L (normal: 35–49 g/L)
- Lipase: 5 U/L (normal: 21–67 U/L)
- Glucose: 1.7 mmol/L
- Aspartate-aminotransferase: 2,344 U/L
- Alaninaminotransferase: 1,250 U/L
- Gamma-glutamyl-transferase: 833 U/L
- Ammonia: 82 µmol/L (normal: < 49 µmol/L)
- Lactate acidosis (pH = 7.26; base excess = 9 mmol/L; HCO3 = 16 mmol/L; and lactate = 7.8 mmol/L)
- International normalized ratio (INR): 1.98 (normal < 1.2)
- Partial thromboplastin time (aPTT): 39 (normal > 80%)
- The serum level of Phenobarbital (PB) was 49.5 mg/L and Valproic acid (VPA) was 39.6 mg/L.