

Table 1. Clinical characteristics of the cases

Case	1	2	3
Gestational age	35 weeks	41 weeks	23 weeks 4 days
Birthweight	2530 g	4120 g	820 g
APGAR (1/5 min)	10/10	8/9	3/6
Primary cause of PPHN	RDS/congenital pneumonia	MAS	Extreme prematurity/RDS
Surfactant (Curosurf) dose	1	2	2
Sedation (maximum dose)	Sufentanil 0.5 µg/kg/min	Sufentanil 0.25 µg/kg/min	Phenobarbital (Gardenal) ca. 20 mg/kg/d
Pressor amines (maximum dose)	Not used	Dobutamine (10 µg/kg/min) Dopamine (10 µg/kg/min)	Dobutamine (10 µg/kg/min) Dopamine (16 µg/kg/min)
Timing of 20% magnesium sulphate solution (20% MgSO ₄) administration	4-12 hours of age (loading dose 200 mg/kg)	6-10 hours of age	21-22 hours of age
Timing of milrinone (Corotrope) administration	12-62 hours of age	10-37 hours of age	23-59 hours of age
Extubation	4 days	10 days	Death at 6 days of age
Transparietal ultrasound	No abnormalities	No abnormalities	Bilateral grade 4 IVH
PPHN – persistent pulmonary hypertension of the newborn, RDS – respiratory distress syndrome, MAS – meconium aspiration syndrome			