

## Supplementary

**Table S1** Cross-tabulation (2x2) of serum NSE ( $\geq 43.2$   $\mu\text{g/L}$ ) vs. CUS abnormality

Index test (NSE)	Reference (CUS)		Total
	Abnormal	Normal	
Positive ( $\geq 43.2$ $\mu\text{g/L}$ )	32 (TP)	3 (FP)	35
Negative ( $< 43.2$ $\mu\text{g/L}$ )	3 (FN)	17 (TN)	20
Total	35	20	55

Index test positivity was defined as serum NSE  $\geq 43.2$   $\mu\text{g/L}$  measured by chemiluminescent microparticle immunoassay (CMIA; Abbott Alinity i). Reference standard abnormality was defined as any PVL or PIVH on CUS (Agut grading for PVL; Volpe grading for PIVH). CMIA, chemiluminescent microparticle immunoassay; CUS, cranial ultrasound; FN, false negative; FP, false positive; NSE, neuron-specific enolase; PIVH, peri-intraventricular hemorrhage; PVL, periventricular leukomalacia; TN, true negative; TP, true positive.