

**Supplemental Table 3.1 Data extraction sheet for RCTs**

Publication and study details						
Authors						
Year of publication						
Country						
Study design						
Number of participants						
Groups	Experimental platelet count threshold ( $\times 10^9/L$ )			Control platelet count threshold ( $\times 10^9/L$ )		
Clinical characteristics						
	Experimental median (or mean)	Experimental IQR (or SD)	Experimental total	Control median (or mean)	Control IQR (or SD)	Control total
GA (w)						
BW (g)						
Platelet count ( $\times 10^9/L$ )						
Number of platelet transfusions						
Primary outcomes						
	Experimental event	Experimental total	Control event	Control total		
In-hospital mortality or major bleeding events						
Bleeding episodes						
IVH						
ICH						
PH						
Frank rectal bleeding						
Other bleeding						
Secondary outcomes						
Major morbidity						
	Experimental event	Experimental total	Control event	Control total		
PDA						

BPD						
Sepsis						
NEC						
ROP						
<b>Other outcome measures</b>						
LOS (days)	Experimental median (or mean)	Experimental IQR (or SD)	Experimental total	Control median (or mean)	Control IQR (or SD)	Control total
Adverse effects of transfusion	Experimental event	Experimental total	Control event		Control total	
<b>Other information</b>						
Type and dose of platelet component						
Any sponsorship or funding						

IQR: interquartile range; SD: standard deviation; GA: gestational age; BW: birth weight; IVH: intraventricular haemorrhage; ICH: intracranial haemorrhage; PH: pulmonary haemorrhage; BPD: bronchopulmonary dysplasia; NEC: necrotizing enterocolitis; PDA: patent ductus arteriosus; NEC: necrotizing enterocolitis; ROP: retinopathy of prematurity; LOS: length of stay