

Supplementary Table S1. Infants with extreme hyperbilirubinemia who met AAP criteria for exchange transfusion but did not receive the treatment

SN	Study ID	Sex	Age on admission (days)	Weight on admission (kg)	Max TSB (mg/dL)	AAP Risk Zone	Delivered in a hospital	Clinical risk factors	PCV (%)	BIND-M score	Reasons why exchange transfusion was not done
1	B254	M	7	3.10	40.1	Medium	Yes	None	37.0	8	No umbilical stump, cannulation not attempted
2	B121	F	5	1.70	39.3	Medium	Yes	None	22.0	1	Unable to cannulate
3	B124	M	6	2.40	39.2	Medium	No	G6PD	40.0	9	No umbilical stump, cannulation not attempted
4	B189	M	4	3.75	38.8	Medium	Yes	ABO	30.0	4	Unable to cannulate
5	B582	F	7	3.00	36.4	Medium	Yes	G6PD	41.0	7	No umbilical stump, cannulation not attempted
6	B94	M	4	3.25	35.4	Medium	Yes	Sepsis	35.0	8	ET refused on religious grounds (Jehovah Witness)
7	B494	M	6	2.50	34.1	Medium	Yes	G6PD	NA	9	No umbilical stump, cannulation not attempted, Baby died before ET
8	B203	M	3	2.75	33.0	Medium	No	G6PD	36.0	9	Sepsis, Baby died before ET
9	B68	M	9	2.10	31.4	Medium	Yes	None	22.0	9	No umbilical stump, cannulation not attempted
10	B447	M	5	2.10	30.8	High	Yes	G6PD	33.0	6	Failed umbilical cannulation
11	B90	M	5	2.40	30.2	High	No	Sepsis, G6PD	44.0	11	Intensive PT reduced TSB while awaiting ET
12	B180	M	4	3.00	28.6	Medium	No	ABO	41.0	7	Missing record
13	B383	M	6	3.25	28.5	Medium	Yes	Sepsis	23.0	1	No fresh whole blood due to industrial strike, blood transfusion given.
14	B612	F	9	3.00	28.2	Medium	Yes	G6PD	29.0	0	No umbilical stump, cannulation not attempted, blood transfusion given.
15	B92	M	5	1.80	26.6	Medium	No	None	42.0	0	No umbilical stump, cannulation not attempted
16	B56	M	4	1.80	26.3	Medium	Yes	None	NA	0	Failed umbilical cannulation
17	B382	M	4	2.40	26.2	High	Yes	Birth asphyxia, G6PD	43.0	3	Intensive LED PT reduced TSB while awaiting ET
18	B575	M	11	3.50	25.7	Medium	No	G6PD	35.0	0	Failed umbilical cannulation
19	B399	M	4	3.20	25.6	Medium	Yes	G6PD	32.0	2	Fresh whole blood not available

AAP: American Academy of Pediatrics; BIND-M: Modified Bilirubin-Induced Neurologic Dysfunction; ET: exchange transfusion; F: Female; M: Male; TSB: Total serum bilirubin; PCV: Packed cell volume; NA: Not available; PT: phototherapy