

PEDIATRIC HOSPITAL BLOOD PRODUCT DOSING COOLER/PACK LABEL REMINDER TO ACCOMPANY ALL COOLERS

CAUTION! PEDIATRIC USE (age < 13 years old)
DOSE BY WEIGHT & LIMIT CRYSTALLOIDS
“CODE TRANSFUSION” Cooler #1

Weight	Content of Cooler #1 Units (U)	RBC Dose	Goals
>40 Kg	4 U RBC	20 mL/Kg per dose	Hgb > 80 g/L
31-40 Kg	3 U RBC		INR < 1.8
10-30 Kg	2 U RBC		PLTs > 50 x 10 ⁹ /L
< 10 Kg	1 U RBC		Fibrinogen > 1.5 g/L

Note: Infuse all of “Cooler #1” RBCs **BEFORE** starting “Cooler # 2” products, **UNLESS** lab results guide otherwise.

CAUTION! PEDIATRIC USE (age < 13 years old)
DOSE BY WEIGHT & LIMIT CRYSTALLOIDS
“CODE TRANSFUSION” Cooler #2

Weight	Content of Cooler #2 Units (U)	RBC : FP Dose	Goals
>40 Kg	4 U RBC & 4 U FP	20 mL : 10-20 mL per Kg/dose	Hgb > 80 g/L
31-40 Kg	3 U RBC & 3 U FP		INR < 1.8
10-30 Kg	2 U RBC & 2 U FP		PLTs > 50 x 10 ⁹ /L
< 10 Kg	1 U RBC & 1 U FP		Fibrinogen > 1.5 g/L

Note: Adjust RBC:FP ratio 1-2:1 as needed **UNTIL** lab guided dosing possible; platelets 10 ml/Kg/dose

CAUTION! PEDIATRIC USE (age < 13 years old)

DOSE BY WEIGHT & LIMIT CRYSTALLOIDS

“CODE TRANSFUSION” Cooler #3

Weight	Content of Cooler #3 Units (U)	RBC : FP & Fibrinogen Dose	Goals
>40 Kg	4 U RBC & 2 U FP 4 g Fibrinogen	20 mL : 10 mL per Kg/dose Fibrinogen 50 mg per Kg	Hgb > 80 g/L
31-40 Kg	3 U RBC & 2 U FP 2 g Fibrinogen		INR < 1.8
10-30 Kg	2 U RBC & 1 U FP 2 g Fibrinogen		PLTs > 50 x 10 ⁹ /L
< 10 Kg	1 U RBC & 1 U FP 1 g Fibrinogen		Fibrinogen > 1.5 g/L

Note: Adjust RBC:FP ratio 1-2:1 as needed UNTIL lab guided dosing possible; consider platelets (10 ml/Kg/dose) if delayed platelet count results

CAUTION! PEDIATRIC USE (age < 13 years old)
DOSE BY WEIGHT & LIMIT CRYSTALLOIDS
CODE TRANSFUSION” Cooler #4+

Weight	Content of Cooler #4 Units (U)	RBC : FP Dose	Goals
>40 Kg	4 U RBC & 2 U FP	20 mL : 10 mL per Kg/dose	Hgb > 80 g/L
31-40 Kg	3 U RBC & 2 U FP		INR < 1.8
10-30 Kg	2 U RBC & 1 U FP		PLTs > 50 x 10 ⁹ /L
< 10 Kg	1 U RBC & 1 U FP		Fibrinogen > 1.5 g/L

Note: Adjust RBC:FP ratio 1-2:1 as needed **UNTIL** lab guided dosing possible; platelets 10 ml/Kg/dose

CAUTION! PEDIATRIC USE (age < 13 years old)
DOSE BY WEIGHT & LIMIT CRYSTALLOIDS
CODE TRANSFUSION” Cooler #1

Weight	Content of Cooler #1 Units (U)	RBC Dose	Goals
>40 Kg	4 U RBCs	20 mL/Kg per dose	Hgb > 80 g/L
31-40 Kg	3 U RBCs		INR < 1.8
10-30 Kg	2 U RBCs		PLTs > 50 x 10 ⁹ /L
< 10 Kg	1 U RBCs		Fibrinogen > 1.5 g/L

Note: Infuse all of “Cooler #1” RBCs BEFORE starting “Cooler # 2” products, UNLESS lab results guide otherwise.

COMMUNITY HOSPITAL (WHERE PLASMA NOT AVAILABLE) PEDIATRIC BLOOD PRODUCT DOSING COOLER/PACK LABEL
 REMINDER TO ACCOMPANY ALL COOLERS

CAUTION! PEDIATRIC USE (age < 13 years old)
DOSE BY WEIGHT & LIMIT CRYSTALLOIDS
CODE TRANSFUSION” Cooler #2+

Weight	Content of Cooler #2+	RBC, PCC & Fibrinogen Dose	Goals
>40 kg	4 U RBC, 2000 IU PCC & 4 g FBGN	RBC 20 mL/Kg per dose	Hgb > 80 g/L
31-40 kg	3 U RBC, 1000 IU PCC & 2 g FBGN	PCC 25 IU/Kg (rounded to closest 500 IU) maximum 2000 IU	INR < 1.8
10-30 kg	2 U RBC, 1000 IU PCC & 2 g FBGN		PLTs > 50 x 10 ⁹ /L
< 10 kg	1 U RBC, 500 IU PCC & 1 g FBGN	Fibrinogen 50 mg per Kg	Fibrinogen > 1.5 g/L

Note: platelets 10 ml/Kg/dose