

Supplementary file 1. Characteristics of patients enrolled in the ARMED study.

		Center 1	Center 2	Total
Number of patients enrolled		53	51	104
Sexe ratio (M/F)		35/18	28/23	63/41
Gestational age (weeks of amenorrhea ; mean±sd ; median [25th and 75th percentiles])		36.1±4.2 37 [33-40]	36.4±4.5 38 [34.5-39]	36.2±4.3 38 [34-39]
Birth weight (kg) (kg ; mean±sd ; median [25th and 75th percentiles])		2.6±0.9 2.7 [1.87-3.2]	2.9±0.8 2.91 [2.3-3.5]	2.7±0.9 2.79 [2.2-3.4]
Length of study participation	1 day	53 (100%)	51 (100%)	104 (100%)
	2 days	51 (94%)	34 (67%)	85 (82%)
	3 days	43 (81%)	27 (53%)	70 (67%)
	4 days	33 (62%)	19 (37%)	52 (50%)
	5 days	27 (51%)	8 (16%)	35 (34%)
	6 days	21 (40%)	5 (10%)	26 (25%)

Supplementary file 2. Median urinary levels of Cx-MINP before and after transfusion of patients transfused in center 1. Cx-MINP urinary concentrations (ng/μmol creatinine) of patients from center 1 before and after transfusion sessions (except if a transfusion session was performed on Day 1).

<i>Patient number</i>	<i>Study day</i>	<i>Cx-MeMINP before the transfusion session at the study day</i>	<i>Cx-MeMINP after the transfusion session at the study day</i>
01-04-001	2	0.280	2.823
01-04-001	3	2.823	2.135
01-04-004	2	0.660	0.683
01-04-007	2	0.486	0.685
01-04-023	2	0.440	3.645
01-04-023	3	3.645	21.813
01-04-034	2	0.730	2.260
01-04-035	2	0.405	2.941
01-04-035	3	2.941	18.633
01-04-035	5	23.954	22.580
01-04-037	3	8.169	12.161
01-04-045	2	13.600	17.866
01-04-059	4	17.713	101.886



Date : __/__/__

Jour d'étude : J1

Volume d'urines collecté sur 24 heures : ml

Clairance à la créatinine (Cockcroft) : ml/min

Nom de l'enquêteur :

Fonction :

☐ Photothérapie : si oui, durée __h

☐ Incubateur (☐ fermé ☐ ouvert)

Recensement des situations cliniques

☐ DIALYSE (☐ HD ☐ HF ☐ HDF)

☐ CEC ☐ ECMO ☐ ECLS

☐ NUTRITION PARENTÉRALE

☐ PLASMAPHÉRÈSE

☐ NUTRITION ENTÉRALE

Recensement des DMs utilisés

PERFUSEURS			
Modèle	Fournisseur	Heures de pose	Heures de retrait
<input type="checkbox"/> Perfusend L86-P (perfuseur simple)	SENDAL	__h__	__h__
<input type="checkbox"/> VLST00 (pompe Volumat)	LÉPINE	__h__	__h__
<input type="checkbox"/> AX02SF (pompe Alaris)	SENDAL	__h__	__h__
<input type="checkbox"/> KIS 1X (simple)	DORAN	__h__	__h__
TRANSFUSEURS			
<input type="checkbox"/> Transfusend (transfuseur simple)	SENDAL	__h__	__h__
<input type="checkbox"/> 41403 (transfuseur avec mesurette)	SLB MEDICAL	__h__	__h__
PROLONGATEURS			
<input type="checkbox"/> Biocath opaque PO3115 (L150cm)	CAIR	__h__	__h__
<input type="checkbox"/> Biocath PB3315M (2,5mm ; L150cm Exsanguinotransfusion)	CAIR	__h__	__h__
<input type="checkbox"/> Biocath PB31xxxM	CAIR	__h__	__h__
<input type="checkbox"/> 3101M (L10cm) <input type="checkbox"/> 3102M (L25cm) <input type="checkbox"/> 3105M <input type="checkbox"/> 3107M		__h__	__h__
(L50cm) <input type="checkbox"/> 3110M (L100cm) <input type="checkbox"/> 3115M (L150cm) <input type="checkbox"/> 3118M		__h__	__h__
(L180cm) <input type="checkbox"/> 3120M (L200cm)		__h__	__h__
<input type="checkbox"/> Prolongateur avec filtre 0,2µ NEO96E		__h__	__h__
DISPOSITIFS DE NUTRITION ENTÉRALE			
<input type="checkbox"/> Tubulure 777015 (E-pump Kangaroo)	COVIDIEN	__h__	__h__
<input type="checkbox"/> Tubulure 777007 (E-pump Kangaroo)	COVIDIEN	__h__	__h__
Prolongateur NE Nutrisafe	VYGON	__h__	__h__
<input type="checkbox"/> 368152 (L150cm) <input type="checkbox"/> 368032 (L30cm) <input type="checkbox"/> 53072103 (L30cm)		__h__	__h__
<input type="checkbox"/> Prolongateur bouton GPE ref.8884741821 (bouton Nutriport)	COVIDIEN	__h__	__h__
<input type="checkbox"/> Prolongateur bouton GPE ref.012412 (bouton Mickey)	ASEPTINMED	__h__	__h__
Canule de prélèvement Nutrisafe	VYGON	__h__	__h__
<input type="checkbox"/> 817002 <input type="checkbox"/> 817202 (L20cm ; lait) <input type="checkbox"/> 817302 (L30cm) <input type="checkbox"/> 817052 (L5cm ; médicament)		__h__	__h__
DISPOSITIFS DE RÉANIMATION			
CANULES DE TRACHÉOTOMIE			
Shiley	COVIDIEN	__h__	__h__
- Pédiatriques ss ballonnet : <input type="checkbox"/> 3.0 PED <input type="checkbox"/> 3.5 PED <input type="checkbox"/> 4.0 PED <input type="checkbox"/> 4.5 PED <input type="checkbox"/> 5.0 PED <input type="checkbox"/> 5.5 PED			
- Pédiatriques avec ballonnet : <input type="checkbox"/> 4.0 PDC <input type="checkbox"/> 4.5 PDC <input type="checkbox"/> 5.0 PDC <input type="checkbox"/> 5.5 PDC			

Supplementary file 4. Apparent diffusion ability, D_{app} (cm/min) of each plasticizer.

	DEHP	DEHT	DINP	DINCH
D_{app}	$4.04 \cdot 10^{-7}$	$5.69 \cdot 10^{-8}$	$9.34 \cdot 10^{-7}$	$2.06 \cdot 10^{-7}$

