

MÉDICAMENTS D'URGENCE selon âge & poids

0 - 2 ans

Attention ce tableau indique les présentations disponibles dans les chariots de réa de Pédiatrie et box de réanimation du SAUP

AGE					NN	3 mois	6 mois	1 an	2 ans
POIDS (estimé)					3 kg	5 kg	7 kg	10 kg	12 kg
Substance active (DCI)	Utilisation	Administration	Présentation	Dosage					
Adénosine		Bolus Flush 1 seconde	6 mg / 2 ml	0.1 mg / kg	0.3 mg = 0.1 ml	0.5 mg = 0.2 ml	0.7 mg = 0.2 ml	1 mg = 0.3 ml	1.2 mg = 0.4 ml
Adrénaline	ACR	Bolus < 1 min	1 mg / 10 ml	0.01 mg / kg	0.03 mg = 0.3 ml	0.05 mg = 0.5 ml	0.07 mg = 0.7 ml	0.1 mg = 1 ml	0.12 mg = 1.2 ml
Amiodarone	ACR → Trouble rythme →	Bolus < 1 min Perf. 60 min	150 mg / 3 ml	5 mg / kg	15 mg = 0.3 ml	25 mg = 0.5 ml	35 mg = 0.7 ml	50 mg = 1 ml	60 mg = 1.2 ml
Atropine	Bradycardie	Bolus < 1 min	1 mg / 5 ml	0.02 mg / kg	0.06 mg = 0.3 ml	0.1 mg = 0.5 ml	0.14 mg = 0.7 ml	0.2 mg = 1 ml	0.24 mg = 1.2 ml
Bicarbonate de Na 8.4% (1 mmol/ml)		IVD 1 à 2 min A DILUER avec eau ppi	Diluer 1:1 pour obtenir 4.2% (0.5 mmol/ml)	1 mmol / kg	3 mmol = 6 ml	5 mmol = 10 ml	7 mmol = 14 ml	10 mmol = 20 ml	12 mmol = 24 ml
Calcium gluconate 10%		Perf. 10 min NON DILUÉ	1000 mg / 10 ml	100 mg / kg	300 mg = 3 ml	500 mg = 5 ml	700 mg = 7 ml	1 g = 10 ml	1.2 g = 12 ml
Clémastine		IVL 3 à 5 min A DILUER	2mg/2ml ad 10 ml	0.015 mg / kg	0.05 mg = 0.2 ml	0.08 mg = 0.4 ml	0.11 mg = 0.5 ml	0.15 mg = 0.8 ml	0.18 mg = 0.9 ml
Clonazépam		IVL 3 à 5 min A DILUER	1mg/1ml ad 10 ml	0.02 mg / kg	0.06 mg = 0.6 ml	0.1 mg = 1 ml	0.14 mg = 1.4 ml	0.2 mg = 2 ml	0.24 mg = 2.4 ml
Dexaméthasone Prescription en base		IVL 10 min	3 mg / 1 ml (base) = 4 mg / 1 ml (sel)	1 mg / kg	3 mg = 1 ml	5 mg = 2 ml	7 mg = 2.5 ml	10 mg = 3.5 ml	12 mg = 4 ml
Esmolol		IVD 1 à 2 min (dose initiale)	100 mg / 10 ml	0.5 mg / kg	1.5 mg = 0.2 ml	2.5 mg = 0.3 ml	3.5 mg = 0.4 ml	5 mg = 0.5 ml	6 mg = 0.6 ml
Etomidate		Bolus < 1 min	20 mg / 10 ml	0.3 mg / kg	0.9 mg = 0.5 ml	1.5 mg = 0.8 ml	2.1 mg = 1 ml	3 mg = 1.5 ml	3.6 mg = 1.8 ml
Fentanyl (0.01 mg / ml)		IVD 1 à 2 min	100 mcg / 10 ml	1 mcg / kg	3 mcg = 0.3 ml	5 mcg = 0.5 ml	7 mcg = 0.7 ml	10 mcg = 1 ml	12 mcg = 1.2 ml
Flumazénil		Bolus < 1 min	0.5 mg / 5 ml	0.01 mg / kg	0.03 mg = 0.3 ml	0.05 mg = 0.5 ml	0.07 mg = 0.7 ml	0.1 mg = 1 ml	0.12 mg = 1.2 ml
Furosémide	Réanimation → Autre →	Bolus < 1 min Perf. 10 min	20 mg / 2 ml	1 mg / kg	3 mg = 0.3 ml	5 mg = 0.5 ml	7 mg = 0.7 ml	10 mg = 1 ml	12 mg = 1.2 ml
Glucose		IVD 1 à 2 min	10% (100 g/l)	0.5 g / kg	1.5 g = 15 ml	2.5 g = 25 ml	3.5 g = 35 ml	5 g = 50 ml	6 g = 60 ml
Hydrocortisone		Bolus < 1 min	100 mg / 2 ml	5 mg / kg	15 mg = 0.3 ml	25 mg = 0.5 ml	35 mg = 0.7 ml	50 mg = 1 ml	60 mg = 1.2 ml
Ketamine	Induction	Bolus 30 à 60 secondes	200 mg / 20 ml	2 mg / kg	6 mg = 0.6 ml	10 mg = 1 ml	14 mg = 1.4 ml	20 mg = 2 ml	24 mg = 2.4 ml
Lévétiracétam		Perf. 15 min	500 mg / 5 ml	40 mg / kg	120 mg = 1.2 ml	200 mg = 2 ml	280 mg = 2.8 ml	400 mg = 4 ml	480 mg = 4.8 ml
Lidocaïne 1%	ACR/Tr rythme → HTIC →	IVD 1 min Perf. 10 min	10 mg / ml	1 mg / kg	3 mg = 0.3 ml	5 mg = 0.5 ml	7 mg = 0.7 ml	10 mg = 1 ml	12 mg = 1.2 ml
Mannitol	HTIC	Perf. 10 min avec filtre	20% (200 g/l)	0.5 g / kg	1.5 g = 7.5 ml	2.5 g = 13 ml	3.5 g = 18 ml	5 g = 25 ml	6 g = 30 ml
NaCl 3%	Tr. neuro / hypoNa ⁺ HTIC	IVL 5 min	3 g / 100 ml	3 ml / kg	270 mg = 9 ml	450 mg = 15 ml	630 mg = 21 ml	900 mg = 30 ml	1080 mg = 36 ml
Naloxone		Bolus < 1 min ou I.M.	0.4 mg / 1 ml	0.1 mg / kg	0.3 mg = 0.8 ml	0.5 mg = 1.3 ml	0.7 mg = 1.8 ml	1 mg = 2.5 ml	1.2 mg = 3 ml
Suxaméthonium 1%	Intubation	Bolus < 1 min	100 mg / 10 ml	1.5 mg / kg	4.5 mg = 0.5 ml	7.5 mg = 0.8 ml	10.5 mg = 1 ml	15 mg = 1.5 ml	18 mg = 1.8 ml

Adrénaline	Choc anaphylactique	I.M. ¹	1 mg / 10 ml	0.01 mg / kg	0.03 mg = 0.3 ml	0.05 mg = 0.5 ml	0.07 mg = 0.7 ml	-	-
			1 mg / 1 ml		-	-	-	0.1 mg = 0.1 ml	0.12 mg = 0.12 ml
Fentanyl (0.1 mg / 2ml)		Intra-Nasal	100 mcg / 2 ml	1 mcg / kg	-	-	-	10 mcg = 0.2 ml	12 mcg = 0.3 ml
Midazolam	Convulsions	I.V. en Intra-Nasal	5 mg / 1 ml	0.2 mg / kg	0.6 mg = 0.1 ml	1 mg = 0.2 ml	1.4 mg = 0.3 ml	2 mg = 0.4 ml	2.4 mg = 0.5 ml
Diazépam		Rectal	5 & 10 mg / 2.5 ml	0.5 mg / kg	-	5 mg	5 mg	5 mg	5 mg
Lorazepam		Per os	1 mg / comprimé	0.05 mg / kg	-	-	-	-	-
Défibrillation	FV TV sans pous		Joules	4 J / kg	10 J	20 J	30 J	50 J	50 J

Bolus = injection rapide < 1 min

IVL = injection sur 3 à 10 min

IVD = injection sur 1 à 2 min

Perf = perfusion sur > 10 min

¹ Adrénaline IM : Purger l'aiguille

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3 - 15 ans

Attention ce tableau indique les présentations disponibles dans les chariots de réa de Pédiatrie et box de réanimation du SAUP

AGE					3 ans	5 ans	7 ans	10 ans	14 - 15 ans	Adultes
POIDS (estimé)					15 kg	20 kg	25 kg	35 kg	50 kg	Dose max 1 ^{ère} dose
Substance active (DCI)	Utilisation	Administration	Présentation	Dosage						
Adénosine		Bolus Flush 1 sec	6 mg / 2 ml	0.1 mg / kg	1.5 mg = 0.5 ml	2 mg = 0.7 ml	2.5 mg = 0.8 ml	3.5 mg = 1.2 ml	5 mg = 1.7 ml	6 mg = 2 ml
Adrénaline	ACR	Bolus < 1 min	1 mg / 10 ml	0.01 mg / kg	0.15 mg = 1.5 ml	0.2 mg = 2 ml	0.25 mg = 2.5 ml	0.35 mg = 3.5 ml	0.5 mg = 5 ml	1 mg ¹ = 10 ml ¹
Amiodarone	ACR → Trouble rythme →	Bolus < 1 min Perf. 60 min	150 mg / 3 ml	5 mg / kg	75 mg = 1.5 ml	100 mg = 2 ml	125 mg = 2.5 ml	175 mg ² = 3.5 ml ²	250 mg ² = 5 ml ²	300 mg ² = 6 ml ²
Atropine	Bradycardie	Bolus < 1 min	1 mg / 5 ml	0.02 mg / kg	0.3 mg = 1.5 ml	0.4 mg = 2 ml	0.5 mg = 2.5 ml	0.5 mg = 2.5 ml	0.5 mg = 2.5 ml	0.5 mg = 2.5 ml
Bicarbonate de Na 8.4% (1 mmol/ml)		IVD 1 à 2 min A DILUER avec eau ppi	Diluer 1:1 pour obtenir 4.2% (0.5 mmol/ml)	1 mmol / kg	15 mmol = 30 ml	20 mmol = 40 ml	25 mmol = 50 ml	35 mmol = 70 ml	50 mmol = 100 ml	1 mmol / kg
Calcium gluconate 10%		Perf. 10 min NON DILUÉ	1000 mg / 10 ml	100 mg / kg	1.5 g = 15 ml	2 g = 20 ml	2 g = 20 ml	2 g = 20 ml	2 g = 20 ml	2 g = 20 ml
Clémastine		IVL 3 à 5 min A DILUER	2mg/2ml ad 10 ml	0.015 mg / kg	0.23 mg = 1.1 ml	0.3 mg = 1.5 ml	0.38 mg = 2 ml	0.53 mg = 3 ml	0.75 mg = 3.8 ml	2 mg = 10 ml
Clonazépam		IVL 3 à 5 min A DILUER	1mg/1ml ad 10 ml	0.02 mg / kg	0.3 mg = 3 ml	0.4 mg = 4 ml	0.5 mg = 5 ml	0.7 mg = 7 ml	1 mg = 10 ml	1 mg = 10 ml
Dexaméthasone Prescription en base		IVL 10 min	3 mg / 1 ml (base) = 4 mg / 1 ml (sel)	1 mg / kg	15 mg = 5 ml	20 mg = 7 ml	20 mg = 7 ml	20 mg = 7 ml	20 mg = 7 ml	50 mg = 17 ml
Esmolol		IVD 1 à 2 min (dose initiale)	100 mg / 10 ml	0.5 mg / kg	7.5 mg = 0.8 ml	10 mg = 1 ml	12.5 mg = 1.3 ml	17.5 mg = 1.8 ml	25 mg = 2.5 ml	0.5 mg / kg
Etomidate		Bolus < 1 min	20 mg / 10 ml	0.3 mg / kg	4.5 mg = 2.5 ml	6 mg = 3 ml	7.5 mg = 4 ml	10.5 mg = 5 ml	15 mg = 7.5 ml	0.3 mg / kg
Fentanyl (0.01 mg / ml)		IVD 1 à 2 min	100 mcg / 10 ml	1 mcg / kg	15 mcg = 1.5 ml	20 mcg = 2 ml	25 mcg = 2.5 ml	35 mcg = 3.5 ml	50 mcg = 5 ml	3 mcg / kg
Flumazénil		Bolus < 1 min	0.5 mg / 5 ml	0.01 mg / kg	0.15 mg = 1.5 ml	0.2 mg = 2 ml	0.25 mg = 2.5 ml	0.35 mg = 3.5 ml	0.5 mg = 5 ml	0.5 mg = 5 ml
Furosémide	Réanimation → Autre →	Bolus < 1 min Perf. 10 min	20 mg / 2 ml	1 mg / kg	15 mg = 1.5 ml	20 mg = 2 ml	20 mg = 2 ml	20 mg = 2 ml	40 mg = 4 ml	40 mg = 4 ml
Glucose		IVD 1 à 2 min	10% (100 g/l)	0.5 g / kg	7.5 g = 75 ml	10 g = 100 ml	12.5 g = 125 ml	17.5 g = 175 ml	25 g = 250 ml	25 g = 250 ml
Hydrocortisone		Bolus < 1 min	100 mg / 2 ml	5 mg / kg	75 mg = 1.5 ml	100 mg = 2 ml	125 mg = 2.5 ml	175 mg = 3.5 ml	250 mg = 5 ml	250 mg = 5 ml
Ketamine	Induction	Bolus 30 à 60 sec	200 mg / 20 ml	2 mg / kg	30 mg = 3 ml	40 mg = 4 ml	50 mg = 5 ml	70 mg = 7 ml	100 mg = 10 ml	100 mg = 10 ml
Lévétiracétam		Perf. 15 min	500 mg / 5 ml	40 mg / kg	600 mg = 6 ml	800 mg = 8 ml	1000 mg = 10 ml	1400 mg = 14 ml	2000 mg = 20 ml	2500 mg = 25 ml
Lidocaïne 1%	ACR/Tr rythme → HTIC →	IVD 1 min Perf. 10 min	10 mg / ml	1 mg / kg	15 mg = 1.5 ml	20 mg = 2 ml	25 mg = 2.5 ml	35 mg = 3.5 ml	50 mg = 5 ml	100 mg = 10 ml
Mannitol		Perf. 10 min avec filtre	20% (200 g/l)	0.5 g / kg	7.5 g = 40 ml	10 g = 50 ml	12.5 g = 60 ml	17.5 g = 90 ml	25 g = 125 ml	100 g = 500 ml
NaCl 3%		IVL 5 min	3 g / 100 ml	3 ml / kg	1350 mg = 45 ml	1800 mg = 60 ml	2250 mg = 75 ml	3000 mg = 100 ml	3000 mg = 100 ml	3000 mg = 100 ml
Naloxone		Bolus < 1 min ou I.M.	0.4 mg / 1 ml	0.1 mg / kg	1.5 mg = 3.8 ml	2 mg = 5 ml	2 mg = 5 ml	2 mg = 5 ml	2 mg = 5 ml	2 mg = 5 ml
Suxaméthonium 1%	Intubation	Bolus < 1 min	100 mg / 10 ml	1.5 mg / kg	22.5 mg = 2.3 ml	30 mg = 3 ml	37.5 mg = 4 ml	52.5 mg = 5.5 ml	75 mg = 7.5 ml	1.5 mg / kg

¹ Adrénaline : ACR : dose max = 1 mg IV / Choc anaphylactique : dose max = 0,5 mg IM / IM : Purger l'aiguille

² Amiodarone : Si TV avec poulx, ou FA, ou dès 2^{ème} dose sur ACR : dose max = 150 mg

³ Dose max = 100 mcg mais limitation à 0.5 ml (0.25 mcg) / narine

⁴ Dose max = 10 mg mais limitation à 0,5 ml (2.5 mg) / narine