



Weight : _____

Date : _____

**PEDIATRIC DEPARTMENT
PEDIATRIC EMERGENCY DRUGS
FOR RESUSCITATION**

Verified by: _____

Prepared by: _____

MEDICATION	STOCKS	DOSE ROUTE	REQUIRED DOSE	REMARKS
EPINEPHRINE	1:10,000 (1mg/10ml)	0.01 mg/kg/dose (0.1 ml/kg) Max 1 mg/dose	IV/IO	IV/IO Route: <ul style="list-style-type: none"> ▪ Undiluted rapid IV/IO push ▪ Allow 3-5 minutes interval between each dose. <hr/> ET Route: <ul style="list-style-type: none"> ▪ Weight \geq 25 kg :max dose 2.5 . ▪ Before ET administration dilute the dose with 1-5 mls NS, followed by 5 manual ventilations. ▪ Allow 3-5 minutes interval between each dose. ▪ For neonates use 1mg/10ml solution
	1:1000 (1mg/1ml)	0.1 mg/kg/dose (0.1ml/kg) Max 2.5 mg/dose	ET	
ATROPINE SULPHATE	1mg/10ml 0.5 mg/ml 0.6mg/ml	0.02 mg/kg/dose Minimum (exclude neonate): 0.1 mg/dose Max dose 0.5mg/dose	IV/IO IV/IO IV/IO	-IV/IO Route: Undiluted rapid IV/IO push <hr/> ET Route: Before ET administration dilute the dose with \leq 10 mls NS or sterile water, followed by 5 manuals ventilation.
		0.06 mg/kg/dose (Max 2mg/dose)	ET	
AMIODARONE	150mg/3ml (50mg/ml)	5mg/kg (Max 300mg/dose)	IV/IO	<ul style="list-style-type: none"> ▪ Use central line and infuse the medication separately.. ▪ Administration rate depends on the indication: <ul style="list-style-type: none"> ◦ For Refractory VF/pulseless VT: Undiluted rapid IV/IO push ◦ For Perfusion VT: must be diluted before use, infuse the dose over 60 minutes
ADENOSINE	6mg/2ml (3mg/ml)	1 st dose- 0.1mg/kg (Max 6 mg/dose) 2 nd dose -0.2mg/kg (Max 12 mg/dose)	IV/IO IV/IO	<ul style="list-style-type: none"> ▪ Undiluted rapid IV/IO push over 1-2 seconds, followed immediately by 5-10 mL NS flush. ▪ Inject at peripheral IV site closest to the patient's heart.
CALCIUM CHLORIDE 10%	100mg/ml	20mg/kg (Dose based on calcium chloride salt) Max 2000mg/dose	IV/IO	<ul style="list-style-type: none"> ▪ Undiluted IV infused over 5-10 min via central line or intraosseous route.
FLUMAZENIL	0.5 mg/5ml (0.1mg/ml)	0.01mg/kg/dose Max dose 0.2mg/dose	IV/IO	<ul style="list-style-type: none"> ▪ Undiluted rapid IV/IO administration over 15-30 seconds
GLUCAGON	1 mg/ml Injection	Neonate 0.2 mg/kg/dose (Max-0.5mg/dose) Infant & children fixed dose (<25 kg: 0.5 mg, \geq 25 kg: 1 mg)	IV/ SubQ/IM	<ul style="list-style-type: none"> ▪ Gently shake the vial until the powder is completely dissolved. ▪ Neonate age from day 1 -28 days.
LIDOCAINE	100mg/5ml (20mg/ml)	1mg/kg/dose (Max 100 mg/dose)	IV/IO	IV/IO Route: Undiluted rapid IV/IO push. <hr/> ET Route: Before ET administration dilute the dose with 1-5 mls NS, followed by with a flush of 5 ml NS
		2 mg/kg/dose	ET	
NALOXONE	(0.4 mg/1ml)	wt \leq 20kg: 0.1mg/kg/dose Max (2mg/dose) wt > 20kg: 2 mg/dose	IV/IO IV/IO	IV/IO Route: Undiluted rapid push over 30 seconds <hr/> ET Route: Dilute the dose with 1-2 mls NS before giving ET; follow with a flush of \geq 5 ml NS
		2 times the IV dose	ET	
ROCURONIUM	50mg/5ml (10 mg/ml)	0.6 mg/kg/dose	IV	<ul style="list-style-type: none"> ▪ Undiluted rapid IV push
Sodium Bicarbonate	50mEq /50 ml (1mEq/ml) 8.4%	1 mEq/kg/dose	IV/IO	<ul style="list-style-type: none"> ▪ For children > 2 years :Infuse undiluted slowly ▪ For infant and children \leq 2 years: Dilute the 1mEq/ml solution as 1:1 with sterile water
Sodium Chloride 0.9%	0.9% NaCl VOLUME EXPANDERS	20 ml/kg/dose	IV/IO	<ul style="list-style-type: none"> ▪ Infuse as rapidly as possible ▪ Use a large bore needle when infusing
DEFIBRILLATION		Defibrillate 1. 2 J/kg-CPR 5 cycles (2minutes) 2. 4 J/kg-CPR 5 cycles 3. 4 J/kg-CPR 5 cycles		<ul style="list-style-type: none"> ▪ For the treatment of VF/Pulseless VT ▪ Assess between each shock
CARDIOVERSION		0.5-1 Joule /kg		For the treatment of SVT ; VT with pulse