



Pediatric Medication Guide

START HERE: AT THE CHILD'S HEAD	NEWBORN	4 MO	6 MO	1 YR	2 YR	3 YR	4 YR	5 YR	6 YR	7 YR	8 YR	9 YR	10 YR	11 YR	12 YR	13 YR
---------------------------------	---------	------	------	------	------	------	------	------	------	------	------	------	-------	-------	-------	-------

Customized for

**Miami-Dade
Fire Rescue**

OPTION 1 -ESTIMATE AGE USING LENGTH (PREFERRED)
-USE PROVIDED TAPE MEASURE (HEAD TO HEEL)
OPTION 2 -USE ACTUAL AGE (IF STANDARD SIZED CHILD)

NB

MIAMI-DADE FIRE RESCUE 4 KG IDEAL WEIGHT

DRUG	CONC	VOL	RT	DOSE/KG	AMNT
Adenosine [1st]	6 mg/2ml	0.13 ml	IV/IO	0.1 mg/kg	0.4 mg
Adenosine [2nd]	6 mg/2ml	0.27 ml	IV/IO	0.2 mg/kg	0.8 mg
Albuterol	1.5 ml Alb + 2 ml NS	1.5 ml	Neb	Dose =	1.25 mg
Atrovent	0.5 mg/2.5ml	1.25 ml	Neb	Dose =	0.25 mg
Amiodarone	150 mg/3ml	N/A	IV/IO	Not indicated in NB	
Atropine	1 mg/10ml	1 ml	IV/IO	0.02 mg/kg	0.1 mg
Benadryl	50 mg/ml	0.08 ml	IV/IO/IM	1 mg/kg	4 mg
Bicarb 4.2% (Dilute 8.4% 1:1 NS)		8 ml	IV/IO	1 mEq/kg	4 mEq
Calcium Chloride	1 g/10ml	0.8 ml	IV/IO	20 mg/kg	80 mg
D10W (D50W - 40 ml) + 40 ml NS		20 ml	IV/IO	0.5 g/kg	2 g
Dopamine	800 mcg/ml	2 gtt/min	IV/IO	Titrate to BP 70 mmHg	
Epi 1:1,000 IM	1 mg/ml	0.04 ml	IM	0.01 mg/kg	0.04 mg
Epi 1:10,000 IV	0.1 mg/ml	0.4 ml	IV/IO	0.01 mg/kg	0.04 mg
Glucagon	1 unit/ml	0.5 ml	IM/SQ	Dose =	0.5 unit
Glucose	15 g/tube	N/A	PO	3 years and over	
Lidocaine 2%	100 mg/5ml	0.2 ml	IV/IO	1 mg/kg	4 mg
Mag. Sulfate	5 g/10ml	0.32 ml	IV/IO	40 mg/kg	160 mg
Morphine	10 mg/ml	0.04 ml	IV/IO/IM	0.1 mg/kg	0.4 mg
Narcan	2 mg/2ml	0.4 ml	IV/IO/IN	0.1 mg/kg	0.4 mg
Normal Saline Bolus	0.9%	40 ml	IV/IO	10 ml/kg	40 ml
Valium MAD/IV/IM	5 mg/ml	0.16 ml	IN/IV/IM	0.2 mg/kg	0.8 mg
Versed MAD/IM	5 mg/ml	0.16 ml	IN/IM	0.2 mg/kg	0.8 mg
Versed IV	1 mg/ml	0.4 ml	IV/IO	0.1 mg/kg	0.4 mg

LIFEPAK	JOULES/KG	1ST	2ND	3RD
Defibrillation	2 → 4 → 4	8	15	15
Cardioversion	0.5 → 1 → 2	2	4	8

ET TUBE	DISTANCE AT LIP	IGEL
3.5 Uncuffed	3 KG: 9-9.5 cm 4 KG: 9.5-10 cm 5 KG: 10-10.5 cm	1

VITALS	SBP	60-100	HR	100-160	RR	30-60
--------	-----	--------	----	---------	----	-------

OPTION 1 -ESTIMATE AGE USING LENGTH (PREFERRED)
-USE PROVIDED TAPE MEASURE (HEAD TO HEEL)
OPTION 2 -USE ACTUAL AGE (IF STANDARD SIZED CHILD)

4 MO

MIAMI-DADE FIRE RESCUE 6 KG IDEAL WEIGHT

DRUG	CONC	VOL	RT	DOSE/KG	AMNT	
Adenosine [1st]	6 mg/2ml	0.2 ml	IV/IO	0.1 mg/kg	0.6 mg	
Adenosine [2nd]	6 mg/2ml	0.4 ml	IV/IO	0.2 mg/kg	1.2 mg	
Albuterol	1.5 ml Alb + 2 ml NS	1.5 ml	Neb	Dose =	1.25 mg	
Atrovent	0.5 mg/2.5ml	1.25 ml	Neb	Dose =	0.25 mg	
Amiodarone	150 mg/3ml	0.6 ml	IV/IO	5 mg/kg	30 mg	
Atropine	1 mg/10ml	1.2 ml	IV/IO	0.02 mg/kg	0.12 mg	
Benadryl	50 mg/ml	0.12 ml	IV/IO/IM	1 mg/kg	6 mg	
Bicarb 4.2% (Dilute 8.4% 1:1 NS)		12 ml	IV/IO	1 mEq/kg	6 mEq	
Calcium Chloride	1 g/10ml	1.2 ml	IV/IO	20 mg/kg	120 mg	
D10W (D50W - 40 ml) + 40 ml NS		30 ml	IV/IO	0.5 g/kg	3 g	
Dopamine	800 mcg/ml	2 gtt/min	IV/IO	Titrate to BP 70 mmHg		
Epi 1:1,000 IM	1 mg/ml	0.06 ml	IM	0.01 mg/kg	0.06 mg	
Epi 1:10,000 IV	0.1 mg/ml	0.6 ml	IV/IO	0.01 mg/kg	0.06 mg	
Glucagon	1 unit/ml	0.5 ml	IM/SQ	Dose =	0.5 unit	
Glucose	15 g/tube	N/A	PO	3 years and over		
Lidocaine 2%	100 mg/5ml	0.3 ml	IV/IO	1 mg/kg	6 mg	
Mag. Sulfate	5 g/10ml	0.48 ml	IV/IO	40 mg/kg	240 mg	
Morphine	10 mg/ml	0.06 ml	IV/IO/IM	0.1 mg/kg	0.6 mg	
Narcan	2 mg/2ml	0.4 ml	IV/IO/IN	Dose =	0.4 mg	
Normal Saline Bolus	0.9%	120 ml	IV/IO	20 ml/kg	120 ml	
Valium MAD/IV/IM	5 mg/ml	0.24 ml	IN/IV/IM	0.2 mg/kg	1.2 mg	
Versed MAD/IM	5 mg/ml	0.24 ml	IN/IM	0.2 mg/kg	1.2 mg	
Versed IV	1 mg/ml	0.6 ml	IV/IO	0.1 mg/kg	0.6 mg	
LIFEPAK	JOULES/KG		1ST	2ND	3RD	
Defibrillation	2 → 4 → 4		15	30	30	
Cardioversion	0.5 → 1 → 2		3	6	15	
ET TUBE	DISTANCE AT LIP			IGEL		
3.5 Uncuffed	10.5 - 11 cm			1.5		
VITALS	SBP	70-100	HR	105-160	RR	30-60

OPTION 1 - ESTIMATE AGE USING LENGTH (PREFERRED)
-USE PROVIDED TAPE MEASURE (HEAD TO HEEL)
OPTION 2 - USE ACTUAL AGE (IF STANDARD SIZED CHILD)

6 MO

MIAMI-DADE FIRE RESCUE 8 KG IDEAL WEIGHT

DRUG	CONC	VOL	RT	DOSE/KG	AMNT
Adenosine [1st]	6 mg/2ml	0.27 ml	IV/IO	0.1 mg/kg	0.8 mg
Adenosine [2nd]	6 mg/2ml	0.53 ml	IV/IO	0.2 mg/kg	1.6 mg
Albuterol	1.5 ml Alb + 2 ml NS	1.5 ml	Neb	Dose =	1.25 mg
Atrovent	0.5 mg/2.5ml	1.25 ml	Neb	Dose =	0.25 mg
Amiodarone	150 mg/3ml	0.8 ml	IV/IO	5 mg/kg	40 mg
Atropine	1 mg/10ml	1.6 ml	IV/IO	0.02 mg/kg	0.16 mg
Benadryl	50 mg/ml	0.16 ml	IV/IO/IM	1 mg/kg	8 mg
Bicarb 4.2% (Dilute 8.4% 1:1 NS)		16 ml	IV/IO	1 mEq/kg	8 mEq
Calcium Chloride	1 g/10ml	1.6 ml	IV/IO	20 mg/kg	160 mg
D10W (D50W - 40 ml) + 40 ml NS		40 ml	IV/IO	0.5 g/kg	4 g
Dopamine	800 mcg/ml	3 gtt/min	IV/IO	Titrate to BP 70 mmHg	
Epi 1:1,000 IM	1 mg/ml	0.08 ml	IM	0.01 mg/kg	0.08 mg
Epi 1:10,000 IV	0.1 mg/ml	0.8 ml	IV/IO	0.01 mg/kg	0.08 mg
Glucagon	1 unit/ml	0.5 ml	IM/SQ	Dose =	0.5 unit
Glucose	15 g/tube	N/A	PO	3 years and over	
Lidocaine 2%	100 mg/5ml	0.4 ml	IV/IO	1 mg/kg	8 mg
Mag. Sulfate	5 g/10ml	0.64 ml	IV/IO	40 mg/kg	320 mg
Morphine	10 mg/ml	0.08 ml	IV/IO/IM	0.1 mg/kg	0.8 mg
Narcan	2 mg/2ml	0.4 ml	IV/IO/IN	Dose =	0.4 mg
Normal Saline Bolus	0.9%	160 ml	IV/IO	20 ml/kg	160 ml
Valium MAD/IV/IM	5 mg/ml	0.32 ml	IN/IV/IM	0.2 mg/kg	1.6 mg
Versed MAD/IM	5 mg/ml	0.32 ml	IN/IM	0.2 mg/kg	1.6 mg
Versed IV	1 mg/ml	0.8 ml	IV/IO	0.1 mg/kg	0.8 mg

LIFEPAK	Joules/kg	1st	2nd	3rd
Defibrillation	2 → 4 → 4	15	30	30
Cardioversion	0.5 → 1 → 2	4	8	20

ET Tube	Distance at Lip	IGEL
3.5 Uncuffed	10.5 - 11 cm	1.5

Vitals	SBP	70-100	HR	110-160	RR	24-38
--------	-----	--------	----	---------	----	-------

OPTION 1 - ESTIMATE AGE USING LENGTH (PREFERRED)
-USE PROVIDED TAPE MEASURE (HEAD TO HEEL)
OPTION 2 - USE ACTUAL AGE (IF STANDARD SIZED CHILD)

1 YR

MIAMI-DADE FIRE RESCUE			10 KG IDEAL WEIGHT			
DRUG	CONC	VOL	RT	DOSE/KG	AMNT	
Adenosine [1st]	6 mg/2ml	0.33 ml	IV/IO	0.1 mg/kg	1 mg	
Adenosine [2nd]	6 mg/2ml	0.67 ml	IV/IO	0.2 mg/kg	2 mg	
Albuterol	2.5 mg/3ml	3 ml	Neb	Dose =	2.5 mg	
Atrovent	0.5 mg/2.5ml	1.25 ml	Neb	Dose =	0.25 mg	
Amiodarone	150 mg/3ml	1 ml	IV/IO	5 mg/kg	50 mg	
Atropine	1 mg/10ml	2 ml	IV/IO	0.02 mg/kg	0.2 mg	
Benadryl	50 mg/ml	0.2 ml	IV/IO/IM	1 mg/kg	10 mg	
Bicarb 8.4%	50 mEq/50ml	10 ml	IV/IO	1 mEq/kg	10 mEq	
Calcium Chloride	1 g/10ml	2 ml	IV/IO	20 mg/kg	200 mg	
D25W (D50W - 25 ml) + 25 ml NS		20 ml	IV/IO	0.5 g/kg	5 g	
Dopamine	800 mcg/ml	4 gtt/min	IV/IO	Titrate to BP 70 mmHg		
Epi 1:1,000 IM	1 mg/ml	0.1 ml	IM	0.01 mg/kg	0.1 mg	
Epi 1:10,000 IV	0.1 mg/ml	1 ml	IV/IO	0.01 mg/kg	0.1 mg	
Glucagon	1 unit/ml	0.5 ml	IM/SQ	Dose =	0.5 unit	
Glucose	15 g/tube	N/A	PO	3 years and over		
Lidocaine 2%	100 mg/5ml	0.5 ml	IV/IO	1 mg/kg	10 mg	
Mag. Sulfate	5 g/10ml	0.8 ml	IV/IO	40 mg/kg	400 mg	
Morphine	10 mg/ml	0.1 ml	IV/IO/IM	0.1 mg/kg	1 mg	
Narcan	2 mg/2ml	0.4 ml	IV/IO/IN	Dose =	0.4 mg	
Normal Saline Bolus	0.9%	200 ml	IV/IO	20 ml/kg	200 ml	
Valium MAD/IV/IM	5 mg/ml	0.4 ml	IN/IV/IM	0.2 mg/kg	2 mg	
Versed MAD/IM	5 mg/ml	0.4 ml	IN/IM	0.2 mg/kg	2 mg	
Versed IV	1 mg/ml	1 ml	IV/IO	0.1 mg/kg	1 mg	
LIFEPAK	JOULES/KG		1ST	2ND	3RD	
Defibrillation	2 → 4 → 4		20	50	50	
Cardioversion	0.5 → 1 → 2		5	10	20	
ET TUBE		DISTANCE AT LIP		IGEL		
4.0 Uncuffed		11 - 12 cm		1.5		
VITALS	SBP	75-105	HR	90-150	RR	22-30

OPTION 1 -ESTIMATE AGE USING LENGTH (PREFERRED)
-USE PROVIDED TAPE MEASURE (HEAD TO HEEL)
OPTION 2 -USE ACTUAL AGE (IF STANDARD SIZED CHILD)

2 YR

MIAMI-DADE FIRE RESCUE 12 KG IDEAL WEIGHT

DRUG	CONC	VOL	RT	DOSE/KG	AMNT
Adenosine [1st]	6 mg/2ml	0.4 ml	IV/IO	0.1 mg/kg	1.2 mg
Adenosine [2nd]	6 mg/2ml	0.8 ml	IV/IO	0.2 mg/kg	2.4 mg
Albuterol	2.5 mg/3ml	3 ml	Neb	Dose =	2.5 mg
Atrovent	0.5 mg/2.5ml	1.25 ml	Neb	Dose =	0.25 mg
Amiodarone	150 mg/3ml	1.2 ml	IV/IO	5 mg/kg	60 mg
Atropine	1 mg/10ml	2.4 ml	IV/IO	0.02 mg/kg	0.24 mg
Benadryl	50 mg/ml	0.24 ml	IV/IO/IM	1 mg/kg	12 mg
Bicarb 8.4%	50 mEq/50ml	12 ml	IV/IO	1 mEq/kg	12 mEq
Calcium Chloride	1 g/10ml	2.4 ml	IV/IO	20 mg/kg	240 mg
D25W (D50W - 25 ml) + 25 ml NS		24 ml	IV/IO	0.5 g/kg	6 g
Dopamine	800 mcg/ml	5 gtt/min	IV/IO	Titrate to BP 70 mmHg	
Epi 1:1,000 IM	1 mg/ml	0.12 ml	IM	0.01 mg/kg	0.12 mg
Epi 1:10,000 IV	0.1 mg/ml	1.2 ml	IV/IO	0.01 mg/kg	0.12 mg
Glucagon	1 unit/ml	0.5 ml	IM/SQ	Dose =	0.5 unit
Glucose	15 g/tube	N/A	PO	3 years and over	
Lidocaine 2%	100 mg/5ml	0.6 ml	IV/IO	1 mg/kg	12 mg
Mag. Sulfate	5 g/10ml	0.96 ml	IV/IO	40 mg/kg	480 mg
Morphine	10 mg/ml	0.12 ml	IV/IO/IM	0.1 mg/kg	1.2 mg
Narcan	2 mg/2ml	0.4 ml	IV/IO/IN	Dose =	0.4 mg
Normal Saline Bolus	0.9%	240 ml	IV/IO	20 ml/kg	240 ml
Valium MAD/IV/IM	5 mg/ml	0.48 ml	IN/IV/IM	0.2 mg/kg	2.4 mg
Versed MAD/IM	5 mg/ml	0.48 ml	IN/IM	0.2 mg/kg	2.4 mg
Versed IV	1 mg/ml	1.2 ml	IV/IO	0.1 mg/kg	1.2 mg

LIFEPAK	JOULES/KG	1ST	2ND	3RD
Defibrillation	2 → 4 → 4	30	50	50
Cardioversion	0.5 → 1 → 2	6	15	30

ET TUBE	DISTANCE AT LIP	IGEL
4.5 Uncuffed	13.5 cm	2

VITALS	SBP	75-110	HR	85-140	RR	22-30
--------	-----	--------	----	--------	----	-------

OPTION 1 -ESTIMATE AGE USING LENGTH (PREFERRED)
-USE PROVIDED TAPE MEASURE (HEAD TO HEEL)
OPTION 2 -USE ACTUAL AGE (IF STANDARD SIZED CHILD)

3 YR

MIAMI-DADE FIRE RESCUE 15 KG IDEAL WEIGHT

DRUG	CONC	VOL	RT	DOSE/KG	AMNT
Adenosine [1st]	6 mg/2ml	0.5 ml	IV/IO	0.1 mg/kg	1.5 mg
Adenosine [2nd]	6 mg/2ml	1 ml	IV/IO	0.2 mg/kg	3 mg
Albuterol	2.5 mg/3ml	3 ml	Neb	Dose =	2.5 mg
Atrovent	0.5 mg/2.5ml	1.25 ml	Neb	Dose =	0.25 mg
Amiodarone	150 mg/3ml	1.5 ml	IV/IO	5 mg/kg	75 mg
Atropine	1 mg/10ml	3 ml	IV/IO	0.02 mg/kg	0.3 mg
Benadryl	50 mg/ml	0.3 ml	IV/IO/IM	1 mg/kg	15 mg
Bicarb 8.4%	50 mEq/50ml	15 ml	IV/IO	1 mEq/kg	15 mEq
Calcium Chloride	1 g/10ml	3 ml	IV/IO	20 mg/kg	300 mg
D25W (D50W - 25 ml) + 25 ml NS		30 ml	IV/IO	0.5 g/kg	7.5 g
Dopamine	800 mcg/ml	6 gtt/min	IV/IO	Titrate to BP 70 mmHg	
Epi 1:1,000 IM	1 mg/ml	0.15 ml	IM	0.01 mg/kg	0.15 mg
Epi 1:10,000 IV	0.1 mg/ml	1.5 ml	IV/IO	0.01 mg/kg	0.15 mg
Glucagon	1 unit/ml	0.5 ml	IM/SQ	Dose =	0.5 unit
Glucose	15 g/tube	1 tube	PO	Dose =	15 g
Lidocaine 2%	100 mg/5ml	0.75 ml	IV/IO	1 mg/kg	15 mg
Mag. Sulfate	5 g/10ml	1.2 ml	IV/IO	40 mg/kg	600 mg
Morphine	10 mg/ml	0.15 ml	IV/IO/IM	0.1 mg/kg	1.5 mg
Narcan	2 mg/2ml	0.4 ml	IV/IO/IN	Dose =	0.4 mg
Normal Saline Bolus	0.9%	300 ml	IV/IO	20 ml/kg	300 ml
Valium MAD/IV/IM	5 mg/ml	0.6 ml	IN/IV/IM	0.2 mg/kg	3 mg
Versed MAD/IM	5 mg/ml	0.6 ml	IN/IM	0.2 mg/kg	3 mg
Versed IV	1 mg/ml	1.5 ml	IV/IO	0.1 mg/kg	1.5 mg

LIFEPAK	JOULES/KG	1ST	2ND	3RD
Defibrillation	2 → 4 → 4	30	70	70
Cardioversion	0.5 → 1 → 2	8	15	30

ET TUBE	DISTANCE AT LIP	IGEL
5.0 Uncuffed	14 - 15 cm	2

VITALS	SBP	76-115	HR	85-140	RR	22-30
--------	-----	--------	----	--------	----	-------

OPTION 1 -ESTIMATE AGE USING LENGTH (PREFERRED)
-USE PROVIDED TAPE MEASURE (HEAD TO HEEL)
OPTION 2 -USE ACTUAL AGE (IF STANDARD SIZED CHILD)

4 YR

MIAMI-DADE FIRE RESCUE 17 KG IDEAL WEIGHT

DRUG	CONC	VOL	RT	DOSE/KG	AMNT	
Adenosine [1st]	6 mg/2ml	0.57 ml	IV/IO	0.1 mg/kg	1.7 mg	
Adenosine [2nd]	6 mg/2ml	1.1 ml	IV/IO	0.2 mg/kg	3.4 mg	
Albuterol	2.5 mg/3ml	3 ml	Neb	Dose =	2.5 mg	
Atrovent	0.5 mg/2.5ml	1.25 ml	Neb	Dose =	0.25 mg	
Amiodarone	150 mg/3ml	1.7 ml	IV/IO	5 mg/kg	85 mg	
Atropine	1 mg/10ml	3.4 ml	IV/IO	0.02 mg/kg	0.34 mg	
Benadryl	50 mg/ml	0.34 ml	IV/IO/IM	1 mg/kg	17 mg	
Bicarb 8.4%	50 mEq/50ml	17 ml	IV/IO	1 mEq/kg	17 mEq	
Calcium Chloride	1 g/10ml	3.4 ml	IV/IO	20 mg/kg	340 mg	
D25W (D50W - 25 ml) + 25 ml NS		34 ml	IV/IO	0.5 g/kg	8.5 g	
Dopamine	800 mcg/ml	6 gtt/min	IV/IO	Titrate to BP 70 mmHg		
Epi 1:1,000 IM	1 mg/ml	0.17 ml	IM	0.01 mg/kg	0.17 mg	
Epi 1:10,000 IV	0.1 mg/ml	1.7 ml	IV/IO	0.01 mg/kg	0.17 mg	
Glucagon	1 unit/ml	0.5 ml	IM/SQ	Dose =	0.5 unit	
Glucose	15 g/tube	1 tube	PO	Dose =	15 g	
Lidocaine 2%	100 mg/5ml	0.85 ml	IV/IO	1 mg/kg	17 mg	
Mag. Sulfate	5 g/10ml	1.4 ml	IV/IO	40 mg/kg	680 mg	
Morphine	10 mg/ml	0.17 ml	IV/IO/IM	0.1 mg/kg	1.7 mg	
Narcan	2 mg/2ml	0.4 ml	IV/IO/IN	Dose =	0.4 mg	
Normal Saline Bolus	0.9%	340 ml	IV/IO	20 ml/kg	340 ml	
Valium MAD/IV/IM	5 mg/ml	0.68 ml	IN/IV/IM	0.2 mg/kg	3.4 mg	
Versed MAD/IM	5 mg/ml	0.68 ml	IN/IM	0.2 mg/kg	3.4 mg	
Versed IV	1 mg/ml	1.7 ml	IV/IO	0.1 mg/kg	1.7 mg	
LIFEPAK	JOULES/KG		1ST	2ND	3RD	
Defibrillation	2 → 4 → 4		50	70	70	
Cardioversion	0.5 → 1 → 2		9	20	30	
ET TUBE	DISTANCE AT LIP		IGEL			
5.0 Uncuffed	14 - 15 cm		2			
VITALS	SBP	78-115	HR	75-120	RR	22-26

OPTION 1 - ESTIMATE AGE USING LENGTH (PREFERRED)
-USE PROVIDED TAPE MEASURE (HEAD TO HEEL)
OPTION 2 - USE ACTUAL AGE (IF STANDARD SIZED CHILD)

5 YR

MIAMI-DADE FIRE RESCUE 20 KG IDEAL WEIGHT

DRUG	CONC	VOL	RT	DOSE/KG	AMNT
Adenosine [1st]	6 mg/2ml	0.67 ml	IV/IO	0.1 mg/kg	2 mg
Adenosine [2nd]	6 mg/2ml	1.3 ml	IV/IO	0.2 mg/kg	4 mg
Albuterol	2.5 mg/3ml	3 ml	Neb	Dose =	2.5 mg
Atrovent	0.5 mg/2.5ml	1.25 ml	Neb	Dose =	0.25 mg
Amiodarone	150 mg/3ml	2 ml	IV/IO	5 mg/kg	100 mg
Atropine	1 mg/10ml	4 ml	IV/IO	0.02 mg/kg	0.4 mg
Benadryl	50 mg/ml	0.4 ml	IV/IO/IM	1 mg/kg	20 mg
Bicarb 8.4%	50 mEq/50ml	20 ml	IV/IO	1 mEq/kg	20 mEq
Calcium Chloride	1 g/10ml	4 ml	IV/IO	20 mg/kg	400 mg
D25W (D50W - 25 ml) + 25 ml NS		40 ml	IV/IO	0.5 g/kg	10 g
Dopamine	800 mcg/ml	8 gtt/min	IV/IO	Titrate to BP 70 mmHg	
Epi 1:1,000 IM	1 mg/ml	0.2 ml	IM	0.01 mg/kg	0.2 mg
Epi 1:10,000 IV	0.1 mg/ml	2 ml	IV/IO	0.01 mg/kg	0.2 mg
Glucagon	1 unit/ml	1 ml	IM/SQ	Dose =	1 unit
Glucose	15 g/tube	1 tube	PO	Dose =	15 g
Lidocaine 2%	100 mg/5ml	1 ml	IV/IO	1 mg/kg	20 mg
Mag. Sulfate	5 g/10ml	1.6 ml	IV/IO	40 mg/kg	800 mg
Morphine	10 mg/ml	0.2 ml	IV/IO/IM	0.1 mg/kg	2 mg
Narcan	2 mg/2ml	0.4 ml	IV/IO/IN	Dose =	0.4 mg
Normal Saline Bolus	0.9%	400 ml	IV/IO	20 ml/kg	400 ml
Valium MAD/IV/IM	5 mg/ml	0.8 ml	IN/IV/IM	0.2 mg/kg	4 mg
Versed MAD/IM	5 mg/ml	0.8 ml	IN/IM	0.2 mg/kg	4 mg
Versed IV	1 mg/ml	2 ml	IV/IO	0.1 mg/kg	2 mg

LIFEPAK	JOULES/KG	1ST	2ND	3RD
Defibrillation	2 → 4 → 4	50	100	100
Cardioversion	0.5 → 1 → 2	10	20	50

ET TUBE	DISTANCE AT LIP	IGEL
5.5 Uncuffed	16.5 cm	2

VITALS	SBP	80-115	HR	70-115	RR	20-24
--------	-----	--------	----	--------	----	-------

OPTION 1 - ESTIMATE AGE USING LENGTH (PREFERRED)
-USE PROVIDED TAPE MEASURE (HEAD TO HEEL)
OPTION 2 - USE ACTUAL AGE (IF STANDARD SIZED CHILD)

6 YR

MIAMI-DADE FIRE RESCUE 22 KG IDEAL WEIGHT

DRUG	CONC	VOL	RT	DOSE/KG	AMNT	
Adenosine [1st]	6 mg/2ml	0.73 ml	IV/IO	0.1 mg/kg	2.2 mg	
Adenosine [2nd]	6 mg/2ml	1.5 ml	IV/IO	0.2 mg/kg	4.4 mg	
Albuterol	2.5 mg/3ml	3 ml	Neb	Dose =	2.5 mg	
Atrovent	0.5 mg/2.5ml	1.25 ml	Neb	Dose =	0.25 mg	
Amiodarone	150 mg/3ml	2.2 ml	IV/IO	5 mg/kg	110 mg	
Atropine	1 mg/10ml	4.4 ml	IV/IO	0.02 mg/kg	0.44 mg	
Benadryl	50 mg/ml	0.44 ml	IV/IO/IM	1 mg/kg	22 mg	
Bicarb 8.4%	50 mEq/50ml	22 ml	IV/IO	1 mEq/kg	22 mEq	
Calcium Chloride	1 g/10ml	4.4 ml	IV/IO	20 mg/kg	440 mg	
D25W (D50W - 25 ml) + 25 ml NS		44 ml	IV/IO	0.5 g/kg	11 g	
Dopamine	800 mcg/ml	8 gtt/min	IV/IO	Titrate to BP 70 mmHg		
Epi 1:1,000 IM	1 mg/ml	0.22 ml	IM	0.01 mg/kg	0.22 mg	
Epi 1:10,000 IV	0.1 mg/ml	2.2 ml	IV/IO	0.01 mg/kg	0.22 mg	
Glucagon	1 unit/ml	1 ml	IM/SQ	Dose =	1 unit	
Glucose	15 g/tube	1 tube	PO	Dose =	15 g	
Lidocaine 2%	100 mg/5ml	1.1 ml	IV/IO	1 mg/kg	22 mg	
Mag. Sulfate	5 g/10ml	1.8 ml	IV/IO	40 mg/kg	880 mg	
Morphine	10 mg/ml	0.22 ml	IV/IO/IM	0.1 mg/kg	2.2 mg	
Narcan	2 mg/2ml	0.4 ml	IV/IO/IN	Dose =	0.4 mg	
Normal Saline Bolus	0.9%	440 ml	IV/IO	20 ml/kg	440 ml	
Valium MAD/IV/IM	5 mg/ml	0.88 ml	IN/IV/IM	0.2 mg/kg	4.4 mg	
Versed MAD/IM	5 mg/ml	0.88 ml	IN/IM	0.2 mg/kg	4.4 mg	
Versed IV	1 mg/ml	2.2 ml	IV/IO	0.1 mg/kg	2.2 mg	
LIFEPAK	JOULES/KG		1ST	2ND	3RD	
Defibrillation	2 → 4 → 4		50	100	100	
Cardioversion	0.5 → 1 → 2		10	20	50	
ET TUBE	DISTANCE AT LIP		IGEL			
5.5 Uncuffed	16.5 cm		2			
VITALS	SBP	82-120	HR	70-115	RR	20-24

OPTION 1 - ESTIMATE AGE USING LENGTH (PREFERRED)
-USE PROVIDED TAPE MEASURE (HEAD TO HEEL)
OPTION 2 - USE ACTUAL AGE (IF STANDARD SIZED CHILD)

7 YR

MIAMI-DADE FIRE RESCUE 25 KG IDEAL WEIGHT

DRUG	CONC	VOL	RT	DOSE/KG	AMNT
Adenosine [1st]	6 mg/2ml	0.83 ml	IV/IO	0.1 mg/kg	2.5 mg
Adenosine [2nd]	6 mg/2ml	1.7 ml	IV/IO	0.2 mg/kg	5 mg
Albuterol	2.5 mg/3ml	3 ml	Neb	Dose =	2.5 mg
Atrovent	0.5 mg/2.5ml	1.25 ml	Neb	Dose =	0.25 mg
Amiodarone	150 mg/3ml	2.5 ml	IV/IO	5 mg/kg	125 mg
Atropine	1 mg/10ml	5 ml	IV/IO	0.02 mg/kg	0.5 mg
Benadryl	50 mg/ml	0.5 ml	IV/IO/IM	1 mg/kg	25 mg
Bicarb 8.4%	50 mEq/50ml	25 ml	IV/IO	1 mEq/kg	25 mEq
Calcium Chloride	1 g/10ml	5 ml	IV/IO	20 mg/kg	500 mg
D25W (D50W - 25 ml) + 25 ml NS		50 ml	IV/IO	0.5 g/kg	12.5 g
Dopamine	800 mcg/ml	9 gtt/min	IV/IO	Titrate to BP 70 mmHg	
Epi 1:1,000 IM	1 mg/ml	0.25 ml	IM	0.01 mg/kg	0.25 mg
Epi 1:10,000 IV	0.1 mg/ml	2.5 ml	IV/IO	0.01 mg/kg	0.25 mg
Glucagon	1 unit/ml	1 ml	IM/SQ	Dose =	1 unit
Glucose	15 g/tube	1 tube	PO	Dose =	15 g
Lidocaine 2%	100 mg/5ml	1.3 ml	IV/IO	1 mg/kg	25 mg
Mag. Sulfate	5 g/10ml	2 ml	IV/IO	40 mg/kg	1000 mg
Morphine	10 mg/ml	0.25 ml	IV/IO/IM	0.1 mg/kg	2.5 mg
Narcan	2 mg/2ml	0.4 ml	IV/IO/IN	Dose =	0.4 mg
Normal Saline Bolus	0.9%	500 ml	IV/IO	20 ml/kg	500 ml
Valium MAD/IV/IM	5 mg/ml	1 ml	IN/IV/IM	0.2 mg/kg	5 mg
Versed MAD/IM	5 mg/ml	1 ml	IN/IM	0.2 mg/kg	5 mg
Versed IV	1 mg/ml	2.5 ml	IV/IO	0.1 mg/kg	2.5 mg

LIFEPAK	JOULES/KG	1ST	2ND	3RD
Defibrillation	2 → 4 → 4	50	100	100
Cardioversion	0.5 → 1 → 2	15	30	50

ET TUBE	DISTANCE AT LIP	IGEL
6.0 Uncuffed	17 - 18 cm	2.5

VITALS	SBP	84-120	HR	70-110	RR	16-22
--------	-----	--------	----	--------	----	-------

OPTION 1 - ESTIMATE AGE USING LENGTH (PREFERRED)
-USE PROVIDED TAPE MEASURE (HEAD TO HEEL)
OPTION 2 - USE ACTUAL AGE (IF STANDARD SIZED CHILD)

8 YR

MIAMI-DADE FIRE RESCUE 27 KG IDEAL WEIGHT

DRUG	CONC	VOL	RT	DOSE/KG	AMNT
Adenosine [1st]	6 mg/2ml	0.9 ml	IV/IO	0.1 mg/kg	2.7 mg
Adenosine [2nd]	6 mg/2ml	1.8 ml	IV/IO	0.2 mg/kg	5.4 mg
Albuterol	2.5 mg/3ml	3 ml	Neb	Dose =	2.5 mg
Atrovent	0.5 mg/2.5ml	2.5 ml	Neb	Dose =	0.5 mg
Amiodarone	150 mg/3ml	2.7 ml	IV/IO	5 mg/kg	135 mg
Atropine	1 mg/10ml	5 ml	IV/IO	Dose =	0.5 mg
Benadryl	50 mg/ml	0.54 ml	IV/IO/IM	1 mg/kg	27 mg
Bicarb 8.4%	50 mEq/50ml	27 ml	IV/IO	1 mEq/kg	27 mEq
Calcium Chloride	1 g/10ml	5.4 ml	IV/IO	20 mg/kg	540 mg
D25W (D50W - 25 ml) + 25 ml NS		54 ml	IV/IO	0.5 g/kg	13.5 g
Dopamine	800 mcg/ml	10 gtt/min	IV/IO	Titrate to BP 70 mmHg	
Epi 1:1,000 IM	1 mg/ml	0.27 ml	IM	0.01 mg/kg	0.27 mg
Epi 1:10,000 IV	0.1 mg/ml	2.7 ml	IV/IO	0.01 mg/kg	0.27 mg
Glucagon	1 unit/ml	1 ml	IM/SQ	Dose =	1 unit
Glucose	15 g/tube	1 tube	PO	Dose =	15 g
Lidocaine 2%	100 mg/5ml	1.4 ml	IV/IO	1 mg/kg	27 mg
Mag. Sulfate	5 g/10ml	2.2 ml	IV/IO	40 mg/kg	1080 mg
Morphine	10 mg/ml	0.27 ml	IV/IO/IM	0.1 mg/kg	2.7 mg
Narcan	2 mg/2ml	0.4 ml	IV/IO/IN	Dose =	0.4 mg
Normal Saline Bolus	0.9%	540 ml	IV/IO	20 ml/kg	540 ml
Valium MAD/IV/IM	5 mg/ml	1.1 ml	IN/IV/IM	0.2 mg/kg	5.4 mg
Versed MAD/IM	5 mg/ml	1.1 ml	IN/IM	0.2 mg/kg	5.4 mg
Versed IV	1 mg/ml	2.7 ml	IV/IO	0.1 mg/kg	2.7 mg

LIFEPAK	JOULES/KG	1ST	2ND	3RD
Defibrillation	2 → 4 → 4	50	100	100
Cardioversion	0.5 → 1 → 2	15	30	50

ET TUBE	DISTANCE AT LIP	IGEL
6.0 Uncuffed	17 - 18 cm	2.5

VITALS	SBP	86-120	HR	70-110	RR	16-22
--------	-----	--------	----	--------	----	-------

OPTION 1 - ESTIMATE AGE USING LENGTH (PREFERRED)
-USE PROVIDED TAPE MEASURE (HEAD TO HEEL)
OPTION 2 - USE ACTUAL AGE (IF STANDARD SIZED CHILD)

9 YR

MIAMI-DADE FIRE RESCUE 30 KG IDEAL WEIGHT

DRUG	CONC	VOL	RT	DOSE/KG	AMNT	
Adenosine [1st]	6 mg/2ml	1 ml	IV/IO	0.1 mg/kg	3 mg	
Adenosine [2nd]	6 mg/2ml	2 ml	IV/IO	0.2 mg/kg	6 mg	
Albuterol	2.5 mg/3ml	3 ml	Neb	Dose =	2.5 mg	
Atrovent	0.5 mg/2.5ml	2.5 ml	Neb	Dose =	0.5 mg	
Amiodarone	150 mg/3ml	3 ml	IV/IO	5 mg/kg	150 mg	
Atropine	1 mg/10ml	5 ml	IV/IO	Dose =	0.5 mg	
Benadryl	50 mg/ml	0.6 ml	IV/IO	1 mg/kg	30 mg	
Bicarb 8.4%	50 mEq/50ml	30 ml	IV/IO/IM	1 mEq/kg	30 mEq	
Calcium Chloride	1 g/10ml	6 ml	IV/IO	20 mg/kg	600 mg	
D50W	0.5 g/ml	30 ml	IV/IO	0.5 g/kg	15 g	
Dopamine	800 mcg/ml	11 gtt/min	IV/IO	Titrate to BP 70 mmHg		
Epi 1:1,000 IM	1 mg/ml	0.3 ml	IV/IO	0.01 mg/kg	0.3 mg	
Epi 1:10,000 IV	0.1 mg/ml	3 ml	IM	0.01 mg/kg	0.3 mg	
Glucagon	1 unit/ml	1 ml	IV/IO	Dose =	1 unit	
Glucose	15 g/tube	1 tube	IM/SQ	Dose =	15 g	
Lidocaine 2%	100 mg/5ml	1.5 ml	PO	1 mg/kg	30 mg	
Mag. Sulfate	5 g/10ml	2.4 ml	IV/IO	40 mg/kg	1200 mg	
Morphine	10 mg/ml	0.3 ml	IV/IO	0.1 mg/kg	3 mg	
Narcan	2 mg/2ml	0.4 ml	IV/IO/IN	Dose =	0.4 mg	
Normal Saline Bolus	0.9%	600 ml	IV/IO/IN	20 ml/kg	600 ml	
Valium MAD/IV/IM	5 mg/ml	1.2 ml	IN/IV/IM	0.2 mg/kg	6 mg	
Versed MAD/IM	5 mg/ml	1.2 ml	IN/IM	0.2 mg/kg	6 mg	
Versed IV	1 mg/ml	3 ml	IV/IO	0.1 mg/kg	3 mg	
LIFEPAK	JOULES/KG		1ST	2ND	3RD	
Defibrillation	2 → 4 → 4		60	125	125	
Cardioversion	0.5 → 1 → 2		15	30	70	
ET TUBE	DISTANCE AT LIP		IGEL			
6.5 Cuffed	18.5 - 19.5 cm		2.5 or 3			
VITALS	SBP	88-120	HR	65-105	RR	16-22

OPTION 1 - ESTIMATE AGE USING LENGTH (PREFERRED)
-USE PROVIDED TAPE MEASURE (HEAD TO HEEL)
OPTION 2 - USE ACTUAL AGE (IF STANDARD SIZED CHILD)

10 YR

MIAMI-DADE FIRE RESCUE 35 KG IDEAL WEIGHT

DRUG	CONC	VOL	RT	DOSE/KG	AMNT
Adenosine [1st]	6 mg/2ml	1.2 ml	IV/IO	0.1 mg/kg	3.5 mg
Adenosine [2nd]	6 mg/2ml	2.3 ml	IV/IO	0.2 mg/kg	7 mg
Albuterol	2.5 mg/3ml	3 ml	Neb	Dose =	2.5 mg
Atrovent	0.5 mg/2.5ml	2.5 ml	Neb	Dose =	0.5 mg
Amiodarone	150 mg/3ml	3.5 ml	IV/IO	5 mg/kg	175 mg
Atropine	1 mg/10ml	5 ml	IV/IO	Dose =	0.5 mg
Benadryl	50 mg/ml	0.7 ml	IV/IO	1 mg/kg	35 mg
Bicarb 8.4%	50 mEq/50ml	35 ml	IV/IO/IM	1 mEq/kg	35 mEq
Calcium Chloride	1 g/10ml	7 ml	IV/IO	20 mg/kg	700 mg
D50W	0.5 g/ml	35 ml	IV/IO	0.5 g/kg	17.5 g
Dopamine	800 mcg/ml	13 gtt/min	IV/IO	Titrate to BP 70 mmHg	
Epi 1:1,000 IM	1 mg/ml	0.3 ml	IV/IO	Dose =	0.3 mg
Epi 1:10,000 IV	0.1 mg/ml	3.5 ml	IM	0.01 mg/kg	0.35 mg
Glucagon	1 unit/ml	1 ml	IV/IO	Dose =	1 unit
Glucose	15 g/tube	1 tube	IM/SQ	Dose =	15 g
Lidocaine 2%	100 mg/5ml	1.8 ml	PO	1 mg/kg	35 mg
Mag. Sulfate	5 g/10ml	2.8 ml	IV/IO	40 mg/kg	1400 mg
Morphine	10 mg/ml	0.35 ml	IV/IO	0.1 mg/kg	3.5 mg
Narcan	2 mg/2ml	0.4 ml	IV/IO/IN	Dose =	0.4 mg
Normal Saline Bolus	0.9%	700 ml	IV/IO/IN	20 ml/kg	700 ml
Valium MAD/IV/IM	5 mg/ml	1.4 ml	IN/IV/IM	0.2 mg/kg	7 mg
Versed MAD/IM	5 mg/ml	1.4 ml	IN/IM	0.2 mg/kg	7 mg
Versed IV	1 mg/ml	3.5 ml	IV/IO	0.1 mg/kg	3.5 mg

LIFEPAK	JOULES/KG	1ST	2ND	3RD
Defibrillation	2 → 4 → 4	70	150	150
Cardioversion	0.5 → 1 → 2	20	30	70

ET TUBE	DISTANCE AT LIP	IGEL
6.5 Cuffed	18.5 - 19.5 cm	3

VITALS	SBP	90-120	HR	60-100	RR	16-22
--------	-----	--------	----	--------	----	-------

OPTION 1 -ESTIMATE AGE USING LENGTH (PREFERRED)
-USE PROVIDED TAPE MEASURE (HEAD TO HEEL)
OPTION 2 -USE ACTUAL AGE (IF STANDARD SIZED CHILD)

11 YR

MIAMI-DADE FIRE RESCUE 40 KG IDEAL WEIGHT

DRUG	CONC	VOL	RT	DOSE/KG	AMNT
Adenosine [1st]	6 mg/2ml	1.3 ml	IV/IO	0.1 mg/kg	4 mg
Adenosine [2nd]	6 mg/2ml	2.7 ml	IV/IO	0.2 mg/kg	8 mg
Albuterol	2.5 mg/3ml	3 ml	Neb	Dose =	2.5 mg
Atrovent	0.5 mg/2.5ml	2.5 ml	Neb	Dose =	0.5 mg
Amiodarone	150 mg/3ml	4 ml	IV/IO	5 mg/kg	200 mg
Atropine	1 mg/10ml	5 ml	IV/IO	Dose =	0.5 mg
Benadryl	50 mg/ml	0.8 ml	IV/IO/IM	1 mg/kg	40 mg
Bicarb 8.4%	50 mEq/50ml	40 ml	IV/IO	1 mEq/kg	40 mEq
Calcium Chloride	1 g/10ml	8 ml	IV/IO	20 mg/kg	800 mg
D50W	0.5 g/ml	40 ml	IV/IO	0.5 g/kg	20 g
Dopamine	800 mcg/ml	15 gtt/min	IV/IO	Titrate to BP 70 mmHg	
Epi 1:1,000 IM	1 mg/ml	0.3 ml	IM	Dose =	0.3 mg
Epi 1:10,000 IV	0.1 mg/ml	4 ml	IV/IO	0.01 mg/kg	0.4 mg
Glucagon	1 unit/ml	1 ml	IM/SQ	Dose =	1 unit
Glucose	15 g/tube	1 tube	PO	Dose =	15 g
Lidocaine 2%	100 mg/5ml	2 ml	IV/IO	1 mg/kg	40 mg
Mag. Sulfate	5 g/10ml	3.2 ml	IV/IO	40 mg/kg	1600 mg
Morphine	10 mg/ml	0.4 ml	IV/IO/IM	0.1 mg/kg	4 mg
Narcan	2 mg/2ml	0.4 ml	IV/IO/IN	Dose =	0.4 mg
Normal Saline Bolus	0.9%	800 ml	IV/IO	20 ml/kg	800 ml
Valium MAD/IV/IM	5 mg/ml	1.6 ml	IN/IV/IM	0.2 mg/kg	8 mg
Versed MAD/IM	5 mg/ml	1.6 ml	IN/IM	0.2 mg/kg	8 mg
Versed IV	1 mg/ml	4 ml	IV/IO	0.1 mg/kg	4 mg

LIFEPAK	JOULES/KG	1ST	2ND	3RD
Defibrillation	2 → 4 → 4	100	150	150
Cardioversion	0.5 → 1 → 2	20	50	70

ET TUBE	DISTANCE AT LIP	IGEL
7.0 Cuffed	20 - 21 cm	3

VITALS	SBP	90-120	HR	60-100	RR	16-22
--------	-----	--------	----	--------	----	-------

OPTION 1 -ESTIMATE AGE USING LENGTH (PREFERRED)
-USE PROVIDED TAPE MEASURE (HEAD TO HEEL)
OPTION 2 -USE ACTUAL AGE (IF STANDARD SIZED CHILD)

12 YR

MIAMI-DADE FIRE RESCUE 50 KG IDEAL WEIGHT

DRUG	CONC	VOL	RT	DOSE/KG	AMNT
Adenosine [1st]	6 mg/2ml	1.7 ml	IV/IO	0.1 mg/kg	5 mg
Adenosine [2nd]	6 mg/2ml	3.3 ml	IV/IO	0.2 mg/kg	10 mg
Albuterol	2.5 mg/3ml	3 ml	Neb	Dose =	2.5 mg
Atrovent	0.5 mg/2.5ml	2.5 ml	Neb	Dose =	0.5 mg
Amiodarone	150 mg/3ml	5 ml	IV/IO	5 mg/kg	250 mg
Atropine	1 mg/10ml	5 ml	IV/IO	Dose =	0.5 mg
Benadryl	50 mg/ml	1 ml	IV/IO/IM	1 mg/kg	50 mg
Bicarb 8.4%	50 mEq/50ml	50 ml	IV/IO	1 mEq/kg	50 mEq
Calcium Chloride	1 g/10ml	10 ml	IV/IO	20 mg/kg	1000 mg
D50W	0.5 g/ml	50 ml	IV/IO	0.5 g/kg	25 g
Dopamine	800 mcg/ml	19 gtt/min	IV/IO	Titrate to BP 70 mmHg	
Epi 1:1,000 IM	1 mg/ml	0.3 ml	IM	Dose =	0.3 mg
Epi 1:10,000 IV	0.1 mg/ml	5 ml	IV/IO	0.01 mg/kg	0.5 mg
Glucagon	1 unit/ml	1 ml	IM/SQ	Dose =	1 unit
Glucose	15 g/tube	1 tube	PO	Dose =	15 g
Lidocaine 2%	100 mg/5ml	2.5 ml	IV/IO	1 mg/kg	50 mg
Mag. Sulfate	5 g/10ml	4 ml	IV/IO	40 mg/kg	2000 mg
Morphine	10 mg/ml	0.4 ml	IV/IO/IM	Dose =	4 mg
Narcan	2 mg/2ml	0.4 ml	IV/IO/IN	Dose =	0.4 mg
Normal Saline Bolus	0.9%	1000 ml	IV/IO	20 ml/kg	1000 ml
Valium MAD/IV/IM	5 mg/ml	2 ml	IN/IV/IM	0.2 mg/kg	10 mg
Versed MAD/IM	5 mg/ml	2 ml	IN/IM	0.2 mg/kg	10 mg
Versed IV	1 mg/ml	5 ml	IV/IO	0.1 mg/kg	5 mg

LIFEPAK	JOULES/KG	1ST	2ND	3RD
Defibrillation	2 → 4 → 4	100	200	200
Cardioversion	0.5 → 1 → 2	30	50	100

ET TUBE	DISTANCE AT LIP	IGEL
7.0 Cuffed	20 - 21 cm	3

VITALS	SBP	90-120	HR	60-100	RR	16-22
--------	-----	--------	----	--------	----	-------

OPTION 1 -ESTIMATE AGE USING LENGTH (PREFERRED)
-USE PROVIDED TAPE MEASURE (HEAD TO HEEL)
OPTION 2 -USE ACTUAL AGE (IF STANDARD SIZED CHILD)

13 YR

MIAMI-DADE FIRE RESCUE 60 KG IDEAL WEIGHT

DRUG	CONC	VOL	RT	DOSE/KG	AMNT
Adenosine [1st]	6 mg/2ml	2 ml	IV/IO	0.1 mg/kg	6 mg
Adenosine [2nd]	6 mg/2ml	4 ml	IV/IO	0.2 mg/kg	12 mg
Albuterol	2.5 mg/3ml	3 ml	Neb	Dose =	2.5 mg
Atrovent	0.5 mg/2.5ml	2.5 ml	Neb	Dose =	0.5 mg
Amiodarone	150 mg/3ml	6 ml	IV/IO	5 mg/kg	300 mg
Atropine	1 mg/10ml	5 ml	IV/IO	Dose =	0.5 mg
Benadryl	50 mg/ml	1 ml	IV/IO/IM	Dose =	50 mg
Bicarb 8.4%	50 mEq/50ml	50 ml	IV/IO	Dose =	50 mEq
Calcium Chloride	1 g/10ml	10 ml	IV/IO	Dose =	1000 mg
D50W	0.5 g/ml	50 ml	IV/IO	Dose =	25 g
Dopamine	800 mcg/ml	23 gtt/min	IV/IO	Titrate to BP 70 mmHg	
Epi 1:1,000 IM	1 mg/ml	0.3 ml	IM	Dose =	0.3 mg
Epi 1:10,000 IV	0.1 mg/ml	6 ml	IV/IO	0.01 mg/kg	0.6 mg
Glucagon	1 unit/ml	1 ml	IM/SQ	Dose =	1 unit
Glucose	15 g/tube	1 tube	PO	Dose =	15 g
Lidocaine 2%	100 mg/5ml	3 ml	IV/IO	1 mg/kg	60 mg
Mag. Sulfate	5 g/10ml	4 ml	IV/IO	Dose =	2000 mg
Morphine	10 mg/ml	0.4 ml	IV/IO/IM	Dose =	4 mg
Narcan	2 mg/2ml	0.4 ml	IV/IO/IN	Dose =	0.4 mg
Normal Saline Bolus	0.9%	1000 ml	IV/IO	Dose =	1000 ml
Valium MAD/IV/IM	5 mg/ml	2 ml	IN/IV/IM	Dose =	10 mg
Versed MAD/IM	5 mg/ml	2 ml	IN/IM	Dose =	10 mg
Versed IV	1 mg/ml	6 ml	IV/IO	0.1 mg/kg	6 mg

LIFEPAK	JOULES/KG	1ST	2ND	3RD
Defibrillation	2 → 4 → 4	125	250	250
Cardioversion	0.5 → 1 → 2	30	50	125

ET TUBE	DISTANCE AT LIP	IGEL
7.0 Cuffed	20 - 21 cm	3

VITALS	SBP	90-120	HR	60-100	RR	16-22
--------	-----	--------	----	--------	----	-------

MDFR WEAPONS OF MASS DESTRUCTION (WMD) TREATMENT GUIDE

Call Poison Control 800-222-1222		NB	4MO	6 MO	1 YR	3 YR	5 YR	7 YR	9 YR	10 YR	≥ 11 YR	
ANTIDOTE	POISONING	4 KG	6 KG	8 KG	10 KG	15 KG	20 KG	25 KG	30 KG	35 KG	≥ 40 KG	NOTES
Amyl Nitrite	Cyanides / Nitriles / Sulfides	N/A	N/A	N/A	Inhale vapor from ampule for 15 seconds, Q 30 seconds Use until Sodium Nitrite IV/IO is available							0.3 ml/ampule
Atropine <i>0.4 mg/ml</i>	Organophosphates	0.5 ml	0.75 ml	1 ml	1.3 ml	1.9 ml	2.5 ml	3.1 ml	3.8 ml	4.4 ml	5 ml	<i>Verify conc.</i> IV/IO bolus May repeat prn
	Carbamates											
	Nerve Agents											
AtroPen® Auto-injector	Same as Atropine Indication	N/A	0.25 mg	0.5 mg	0.5 mg	0.5 mg	1 mg	1 mg	1 mg	1 mg	2 mg	IM only
Calcium Chloride 10% slow IV bolus	Systemic Hydrofluoric Acid	0.8 ml	1.2 ml	1.6 ml	2 ml	3 ml	4ml	5 ml	6 ml	7 ml	10 ml	Repeat doses may be required
	Systemic Fluoride Poison											
Calcium Gluconate Gel	Hydrofluoric Acid Skin Burn	Apply topically using gel or solution										2.5%-10% topical
DuoDote™ Auto-injector (Atropine + 2-PAM)	Organophosphates	N/A	N/A	N/A	N/A	N/A	N/A	N/A	YES	YES	YES	9 years and over IM only
	Nerve Agents											
Magnesium Sulfate	Hydrofluoric Acid	0.32 ml	0.48 ml	0.64 ml	0.8 ml	1.2 ml	1.6 ml	2 ml	2.4 ml	2.8 ml	3.2 ml	IV/IO [5G/10ml]
Methylene Blue	Methemoglobinemia	0.4 ml	0.6 ml	0.8 ml	1 ml	1.5 ml	2 ml	2.5 ml	3 ml	3.5 ml	4 ml	IV/IO slow (5 min)
Pralidoxime (2-PAM)	Organophosphates	2 ml	3 ml	4 ml	5 ml	7.5 ml	10 ml	12.5 ml	15 ml	17.5 ml	20 ml	IV/IO over 10 min then continuous @5-10 mg/kg/hr
	Nerve Agents											
Sodium Nitrite	Cyanides / Nitriles	0.8 ml	1.2 ml	1.6 ml	2 ml	3 ml	4 ml	5 ml	6 ml	7 ml	8 ml	3% solution IV/IO over 2 minutes
	Hydrogen Sulfide											
Sodium Thiosulfate	Cyanides	5 ml	8 ml	10 ml	12 ml	18 ml	24 ml	30 ml	36ml	42 ml	50 ml	Infuse IV/IO over 10-20 min 25% solution
	Nitriles											
CYANOKIT ADMINISTRATION		AMOUNT TO GIVE THE PATIENT (DROPS/MINUTE)										
Use <u>macro</u> tubing and set drop/minute rate	Cyanides	7 drops/ min	11 drops/ min	15 drops/ min	19 drops/ min	28 drops/ min	37 drops/ min	47 drops/ min	56 drops/ min	65 drops/ min	260 drops/ min	≥ 11 YR / 40 KG use vented tubing in Cyanokit
	Nitriles											
	Sulfides											

GLASCOW COMA SCALE

Clinical Parameter	Pediatric GCS (Age 2 and Under)	GCS (Age 3 and Over)	Score
Eye Opening	Spontaneous	Spontaneous	4
	To sound	To command	3
	To pain	To pain	2
	None	None	1
Verbal	Age appropriate	Oriented	5
	Cries, irritable	Confused, disoriented	4
	Cries to pain	Inappropriate words	3
	Moans to pain	Incomprehensible sounds	2
	None	None	1
Motor	Spontaneous movement (obeys verbal)	Obeys commands	6
	Withdraws to touch (localizes pain)	Localizes pain	5
	Withdraws to pain	Withdraws	4
	Abnormal flexion to pain (decorticate)	Abnormal flexion to pain	3
	Abnormal extension to pain	Abnormal extension to	2
	None	None	1

A score of 13 or higher correlates with mild brain injury; a score of 9 to 12 correlates with moderate injury; a score of 8 or less represents severe brain injury. Pediatric GCS was validated in 2 years of age or younger.

PEDIATRIC TRAUMA ALERT CRITERIA (<16 YR)

Clinical Parameter	CATEGORY 1	CATEGORY 2
	ANY ONE (1) MEETS TAC	ANY TWO (2) MEETS TAC
WEIGHT		Weight < 10 kg (Gray/Pink/Red/Purple)
AIRWAY	Assisted ventilation OR Intubation	
CONSCIOUSNESS	Altered mental status	Amnesia OR Any reliable history of LOC
CIRCULATION	Faint or no radial pulse AND/OR Systolic BP < 50 mmHg	Carotid or femoral pulse but no radial: Includes SBP 50-90 mmHg AND/OR Capillary refill > 3 seconds
FRACTURE	Any open long bone fractures OR Multiple fracture sites OR Multiple dislocations	Single closed long bone fracture anywhere
CUTANEOUS	Major tissue disruption OR Amputation at/above wrist/ankle OR 2° or 3° burns to ≥ 10% total BSA OR Penetrating injury - head, neck or torso	
MECHANISM	Ejection from motor vehicle	
OTHER	Paralysis or suspected spinal injury	

Pediatric trauma patients meeting (1) Category 1 or (2) Category 2 parameters should be transported to the nearest State Approved Pediatric Trauma Center or Pediatric Trauma Referral Center. Age less than 16 yr.

Maintenance of Quality and Accuracy

The information in this book is customized for Miami-Dade Fire Rescue. It is the responsibility of Miami-Dade Fire Rescue to ensure the accuracy of all drug concentrations, drug dosages and equipment sizes on a continual basis. Pediatric Emergency Standards, Inc. recommends prompt revision and replacement of this book if the Department has made any modifications.



For inquiries, please contact:
Pediatric Emergency Standards, Inc.
Office: 866.867.3192
Fax: 954.653.3792
Email: info@pediatricemergencystandards.com