

Miscellaneous

Age	Lb Approx	Kg Approx	N/S 20 ml/kg	Neonate N/S 10 ml/kg	Ondansetron 0.1 mg/kg Max 4 mg x2 Total Max 8 mg IV	BP Systolic Hypotensive	HR (awake)
0-2 M	7.7	3.5	70 ml	35 ml	0.35 mg 0.18 ml	60	100 - 205
3 M	12	5.5	110 ml	55 ml	0.55 mg 0.28 ml	60	100 - 190
6 M	15	7	140 ml		0.7 mg 0.35 ml	60	100 - 190
1 yr	22	10	200 ml		1 mg 0.5 ml	70	100 - 180
2 yr	26	12	240 ml		1.2 mg 0.6 ml	74	80 - 140
3 yr	31	14	280 ml		1.4 mg 0.7 ml	76	80 - 140
4 yr	35	16	320 ml		1.6 mg 0.8 ml	78	70 - 140
5 yr	40	18	360 ml		1.8 mg 0.9 ml	80	70 - 140
6 yr	44	20	400 ml		2 mg 1 ml	82	70 - 140
7 yr	48	22	440 ml		2.2 mg 1.1 ml	84	70 - 140
8 yr	55	25	500 ml		2.5 mg 1.3 ml	86	70 - 140
9 yr	62	28	560 ml		2.8 mg 1.4 ml	88	70 - 140
10 yr	66	30	600 ml		3 mg 1.5 ml	90	70 - 100
11 yr	77	35	700 ml		3.5 mg 1.8 ml	90	70 - 100
12 yr	88	40	800 ml		4 mg 2 ml	90	60 - 100
13 yr	99	45	900 ml		4 mg 2 ml	90	60 - 100
14 yr	110	50	1000 ml		4 mg 2 ml	90	60 - 100

Allergic Reaction/Asthma

Age	Lb Approx	Kg Approx	Epi IM 1:1,000 0.01 mg/kg	Benadryl 1-2 mg/kg IV/IM Max 50 mg	Solu Medrol 2 mg/kg IV/IM Max 60 mg	4 mg/ml Decadron 0.6 mg/kg IV/IM	10 mg/ml Decadron 0.6 mg/kg IV/IM	Mag Sulfate 25-50 mg/kg Diluted IV/IO
0-2 M	7.7	3.5	0.04 mg 0.04 ml	3.5 - 7 mg 0.07-0.14 ml	7 mg 0.11 ml	2.1 mg 0.52 ml	2.1 mg 0.21 ml	87.5/175 mg 0.18/0.35 ml
3 M	12	5.5	0.06 mg 0.06 ml	5.5 - 11 mg 0.11-0.22 ml	11 mg 0.18 ml	3.3 mg 0.82 ml	3.3 mg 0.33 ml	137.5/275 mg 0.28/0.55 ml
6 M	15	7	0.07 mg 0.07 ml	7 - 14 mg 0.14-0.28 ml	14 mg 0.22 ml	4.2 mg 1.05 ml	4.2 mg 0.42 ml	175/350 mg 0.35/0.7 ml
1 yr	22	10	0.1 mg 0.1 ml	10 - 20 mg 0.2 - 0.4 ml	20 mg 0.32 ml	6 mg 1.5 ml	6 mg 0.6 ml	250/500 mg 0.5/1 ml
2 yr	26	12	0.12 mg 0.12 ml	12 - 24 mg 0.24-0.48 ml	24 mg 0.38 ml	7.2 mg 1.8 ml	7.2 mg 0.72 ml	300/600 mg 0.6/1.2 ml
3 yr	31	14	0.14 mg 0.14 ml	14 - 28 mg 0.28-0.56 ml	28 mg 0.45 ml	8.4 mg 2.1 ml	8.4 mg 0.84 ml	350/700 mg 0.7/1.4 ml
4 yr	35	16	0.16 mg 0.16 ml	16 - 32 mg 0.32-0.64 ml	32 mg 0.51 ml	9.6 mg 2.4 ml	9.6 mg 0.96 ml	400/800 mg 0.8/1.6 ml
5 yr	40	18	0.18 mg 0.18 ml	18 - 36 mg 0.36-0.72 ml	36 mg 0.58 ml	10.8 mg 2.7 ml	10.8 mg 1.08 ml	450/900 mg 0.9/1.8 ml
6 yr	44	20	0.2 mg 0.2 ml	20 - 40 mg 0.4 - 0.8 ml	40 mg 0.64 ml	12 mg 3 ml	12 mg 1.2 ml	500 mg/1 gm 1 ml/2 ml
7 yr	48	22	0.22 mg 0.22 ml	22 - 44 mg 0.44-0.88 ml	44 mg 0.7 ml	12 mg 3 ml	12 mg 1.2 ml	550mg/1.1gm 1.1/2.2 ml
8 yr	55	25	0.25 mg 0.25 ml	25 - 50 mg 0.5 - 1 ml	50 mg 0.8 ml	12 mg 3 ml	12 mg 1.2 ml	625mg/1.25gm 1.25/2.5 ml
9 yr	62	28	0.28 mg 0.28 ml	28 - 50 mg 0.56 - 1 ml	56 mg 0.9 ml	12 mg 3 ml	12 mg 1.2 ml	700mg/1.4gm 1.4/2.8 ml
10 yr	66	30	0.3 mg 0.3 ml	30 - 50 mg 0.6 - 1 ml	60 mg 0.96 ml	12 mg 3 ml	12 mg 1.2 ml	750mg/1.5gm 1.5/3 ml
11 yr	77	35	0.3 mg 0.3 ml	35 - 50 mg 0.7 - 1 ml	60 mg 0.96 ml	12 mg 3 ml	12 mg 1.2 ml	875mg/1.75gm 1.75/3.5 ml
12 yr	88	40	0.3 mg 0.3 ml	40 - 50 mg 0.8 - 1 ml	60 mg 0.96 ml	12 mg 3 ml	12 mg 1.2 ml	1 gm/2 gm 2 ml/4 ml
13 yr	99	45	0.3 mg 0.3 ml	45 - 50 mg 0.9 - 1 ml	60 mg 0.96 ml	12 mg 3 ml	12 mg 1.2 ml	1.13 gm/2 gm 2.26/4 ml
14 yr	110	50	0.3 mg 0.3 ml	50 mg 1 ml	60 mg 0.96 ml	12 mg 3 ml	12 mg 1.2 ml	125 gm/2 gm 2.5/4 ml

BENADRYL, SOLU MEDROL, DECADRON, & MAG - PALS, CALL OLMC FOR DISCRETIONARY

WHEN USING DECADRON IM, PREFERABLY USE THE 10 MG/ML CONCENTRATION

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Seizures/Sedation

Age	Lb Approx	Kg Approx	Midazolam 0.2 mg/kg IM/IN Max 5 mg	Diazepam 0.2 mg/kg IV/IO Repeat	Lorazepam 0.1 mg/kg IV/IN Repeat	Etomidate 0.3 mg/kg
0-2 M	7.7	3.5	0.7 mg 0.14 ml	0.7 mg 0.14 ml	0.35 mg 0.18 ml	1.05 mg 0.53 ml
3 M	12	5.5	1.1 mg 0.22 ml	1.1 mg 0.22 ml	0.55 mg 0.28 ml	1.65 mg 0.83 ml
6 M	15	7	1.4 mg 0.28 ml	1.4 mg 0.28 ml	0.7 mg 0.35 ml	2.1 mg 1.05 ml
1 yr	22	10	2 mg 0.4 ml	2 mg 0.4 ml	1 mg 0.5 ml	3 mg 1.5 ml
2 yr	26	12	2.4 mg 0.48 ml	2.4 mg 0.48 ml	1.2 mg 0.6 ml	3.6 mg 1.8 ml
3 yr	31	14	2.8 mg 0.56 ml	2.8 mg 0.56 ml	1.4 mg 0.7 ml	4.2 mg 2.1 ml
4 yr	35	16	3.2 mg 0.64 ml	3.2 mg 0.64 ml	1.6 mg 0.8 ml	4.8 mg 2.4 ml
5 yr	40	18	3.6 mg 0.72 ml	3.6 mg 0.72 ml	1.8 mg 0.9 ml	5.4 mg 2.7 ml
6 yr	44	20	4 mg 0.8 ml	4 mg 0.8 ml	2 mg 1 ml	6 mg 3 ml
7 yr	48	22	4.4 mg 0.88 ml	4.4 mg 0.88 ml	2 mg 1 ml	6.6 mg 3.3 ml
8 yr	55	25	5 mg 1 ml	5 mg 1 ml	2 mg 1 ml	7.5 mg 3.8 ml
9 yr	62	28	5 mg 1 ml	5 mg 1 ml	2 mg 1 ml	8.4 mg 4.2 ml
10 yr	66	30	5 mg 1 ml	5 mg 1 ml	2 mg 1 ml	9 mg 4.5 ml
11 yr	77	35	5 mg 1 ml	5 mg 1 ml	2 mg 1 ml	10.5 mg 5.3 ml
12 yr	88	40	5 mg 1 ml	5 mg 1 ml	2 mg 1 ml	12 mg 6 ml
13 yr	99	45	5 mg 1 ml	5 mg 1 ml	2 mg 1 ml	13.5 mg 6.8 ml
14 yr	110	50	5 mg 1 ml	5 mg 1 ml	2 mg 1 ml	15 mg 7.5 ml

The peds charts are intended to be used as a guide only.
The clinical condition together with provider's experience
and training should always be used in the determination
of proper equipment and drug dosages.

It is the responsibility of the chart holder to ensure that the following drug concentrations are utilized in order to follow the volume (ml) found in the tables.

Drug	mg/ml
Adenosine	3 mg/ml
Amiodarone	50 mg/ml
Atropine	1 mg/10 ml
Benadryl	50 mg/ml
D10%	100 mg/ml
D50%	0.5 gm/ml
Decadron	4 mg/ml
Decadron	10 mg/ml
Diazepam	5 mg/ml
Epi 1:1,000	1 mg/ml
Epi 1:10,000	1 mg/10 ml
Etomidate	2 mg/ml
Fentanyl	50 mcg/ml
Lorazepam	2 mg/ml
Mag Sulfate	1 gm/2 ml
Midazolam	5 mg/ml
Morphine	10 mg/ml
Ondansetron	2 mg/ml
Solu Medrol	125 mg/2 ml
Sodium Bicarb/Infant	0.5 mEq/ml
Sodium Bicarb/Regular	1 mEq/ml

When utilizing the pediatric charts, use patient's weight. If weight is unknown, use age.

Code							
Age	Lb Approx	Kg Approx	DEFIB 4J/10J	Blade Size	ET Tube Size	ET Tube Insertion Length (cm) Approx.	NG Tube French Approx.
1-2 M	7.7	3.5	14/35	Mil 0 - 1	2.5 - 3.5	9 - 10	5 - 8
3 M	12	5.5	22/55	Mil 0 - 1	3.5	10 - 10.5	5 - 8
6 M	15	7	28/70	Mil 0 - 1	3.5 - 4	10.5 - 11.5	5 - 8
1 yr	22	10	40/100	Mil 1	4 - 4.5	11 - 12	8 - 10
2 yr	26	12	48/120	Mil 2	4.5	12.5 - 13	10
3 yr	31	14	56/140	Mil 2	4.5 - 5	13.5	10 - 12
4 yr	35	16	64/160	Mil 2	5 - 5.5	14 - 15	10 - 12
5 yr	40	18	72/180	Mil 2	5.5	15 - 15.5	10 - 12
6 yr	44	20	80/200	Mac/Mil 2	5.5	16 - 16.5	12 - 14
7 yr	48	22	88/220	Mac/Mil 2	5.5 - 6	16.5 - 17	12 - 14
8 yr	55	25	100/250	Mac/Mil 2	6	17 - 18	14 - 18
9 yr	62	28	112/280	Mac/Mil 2	6 - 6.5	18 - 18.5	14 - 18
10 yr	66	30	120/300	Mac/Mil 3	6.5	18.5 - 19	16 - 18
11 yr	77	35	140/350	Mac/Mil 3	6.5 - 7	19 - 19.5	16 - 18
12 yr	88	40	160/360	Mac/Mil 3	7	19.5 - 20	16 - 18
13 yr	99	45	180/360	Mac/Mil 3	7 - 7.5	20	16 - 18
14 yr	110	50	200/360	Mac/Mil 3 - 4	7 - 7.5	21	16 - 18

F UNABLE TO DEFIB RECOMMENDED DOSE, USE LOWEST AVAILABLE SETTING.

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Code Continued							
Age	Lb Approx	Kg Approx	Epi Tube 1:1,000 0.1 mg/kg	Neonate Epi Tube 1:10,000 0.01 mg/kg	Epi IV/IO 1:10,000 0.01 mg/kg	Amio 5 mg/kg	Mag Sulfate 25 - 50 mg/kg IV/IO
0-2 M	7.7	3.5	0.35 ml	0.35 mg 3.5 ml	0.035 mg 0.35 ml	17.5 mg	87.5/175 mg 0.18/0.35 ml
3 M	12	5.5	0.55 ml	0.55 mg 5.5 ml	0.055 mg 0.55 ml	27.5 mg	137.5/275mg 0.28/0.55 ml
6 M	15	7	0.7 ml		0.07 mg 0.7 ml	35 mg	175/350 mg 0.35/0.7 ml
1 yr	22	10	1 ml		0.1 mg 1ml	50 mg	250/500 mg 0.5/1 ml
2 yr	26	12	1.2 ml		0.12 mg 1.2 ml	60 mg	300/600 mg 0.6/1.2 ml
3 yr	31	14	1.4 ml		0.14 mg 1.4 ml	70 mg	350/700 mg 0.7/1.4 ml
4 yr	35	16	1.6 ml		0.16 mg 1.6 ml	80 mg	400/800 mg 0.8/1.6 ml
5 yr	40	18	1.8 ml		0.18 mg 1.8 ml	90 mg	450/900 mg 0.9/1.8 ml
6 yr	44	20	2 ml		0.2 mg 2 ml	100 mg	500 mg/1 gm 1 ml/2 ml
7 yr	48	22	2.2 ml		0.22 mg 2.2 ml	110 mg	550mg/1.1 gm 1.1/2.2 ml
8 yr	55	25	2.5 ml		0.25 mg 2.5 ml	125 mg	625mg/1.25gm 1.25/2.5 ml
9 yr	62	28	2.8 ml		0.28 mg 2.8 ml	140 mg	700mg/1.4gm 1.4/2.8 ml
10 yr	66	30	3 ml		0.3 mg 3 ml	150 mg	750mg/1.5gm 1.5/3 ml
11 yr	77	35	3.5 ml		0.35 mg 3.5 ml	175 mg	875mg/1.75gm 1.75/3.5 ml
12 yr	88	40	4 ml		0.4 mg 4 ml	200 mg	1 gm/2 gm 2 ml/4 ml
13 yr	99	45	4.5 ml		0.45 mg 4.5 ml	225 mg	1.13gm/2gm 2.26ml/4ml
14 yr	110	50	5 ml		0.5 mg 5 ml	250 mg	1.25 gm/2 gm 2.5 ml/4 ml

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Code Continued						
Age	Lb Approx	Kg Approx	Sodium Bicarb 1 mEq/kg Infant 4.2%	Sodium Bicarb 1 mEq/kg Regular	Adenosine 0.1 mg/kg 0.2 mg/kg	Sync. Cardiovert 0.5 - 1 J/kg 1 - 2 J/kg
0-2 M	7.7	3.5	3.5 mEq 7 ml	3.5 ml	0.35/0.7 mg 0.12/0.23 ml	2 - 4 4 - 7
3 M	12	5.5	5.5 mEq 11 ml	5.5 ml	0.55/1.1 mg 0.18/0.37 ml	3 - 6 6 - 10
6 M	15	7	7 mEq 14 ml	7 ml	0.7/1.4 mg 0.23/0.47 ml	4 - 7 7 - 15
1 yr	22	10	10 mEq 20 ml	10 ml	1 mg/2 mg 0.3/0.6 ml	5 - 10 10 - 20
2 yr	26	12		12 ml	1.2/2.4 mg 0.4/0.8 ml	6 - 10 10 - 20
3 yr	31	14		14 ml	1.4/2.8 mg 0.47/0.93 ml	7 - 15 15 - 30
4 yr	35	16		16 ml	1.6/3.2 mg 0.53/1.07 ml	8 - 15 15 - 30
5 yr	40	18		18 ml	1.8/3.6 mg 0.6/1.2 ml	10 - 20 20 - 30
6 yr	44	20		20 ml	2 mg/4 mg 0.67/1.33 ml	10 - 20 20 - 30
7 yr	48	22		22 ml	2.2/4.4 mg 0.73/1.47 ml	10 - 20 20 - 50
8 yr	55	25		25 ml	2.5mg/5mg 0.83/1.67 ml	15 - 20 20 - 50
9 yr	62	28		28 ml	2.8/5.6 mg 0.93/1.87 ml	15 - 30 30 - 50
10 yr	66	30		30 ml	3 mg/6 mg 1 ml/2 ml	15 - 30 30 - 70
11 yr	77	35		35 ml	3.5mg/7mg 1.17/2.33 ml	20 - 30 30 - 70
12 yr	88	40		40 ml	4 mg/8 mg 1.33/2.67 ml	20 - 50 50 - 70
13 yr	99	45		45 ml	4.5mg/9mg 1.5/3 ml	20 - 50 50 - 100
14 yr	110	50		50 ml	5 mg/10 mg 1.7/3.3 ml	30 - 50 50 - 100

ATROPINE-PALS CALL OLMC FOR DISCRETIONARY

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Cardiac						
Age	Lb Approx	Kg Approx	Morphine 0.1 mg/kg IV/IO/IM Max 5 mg X2	Fentanyl 1 mcg/kg IV/IO/IN/IM Max 100 mcg	Dextrose D10% <1 month	Dextrose D25% 0.5 gm/kg
0-2 M	7.7	3.5	0.35 mg 0.04 ml	3.5 mcg 0.07 ml	1.75 gm 7ml	1.75 gm 7ml
3 M	12	5.5	0.55 mg 0.06 ml	5.5 mcg 0.1 ml	2.75 gm 27.5 ml	2.75 gm 11ml
6 M	15	7	0.7 mg 0.07 ml	7 mcg 0.14 ml	3.5 gm 14 ml	3.5 gm 14 ml
1 yr	22	10	1 mg 0.1 ml	10 mcg 0.2 ml	5 gm 20 ml	5 gm 20 ml
2 yr	26	12	1.2 mg 0.12 ml	12 mcg 0.24 ml	6 gm 24 ml	6 gm 24 ml
3 yr	31	14	1.4 mg 0.14 ml	14 mcg 0.28 ml	7 gm 28 ml	7 gm 28 ml
4 yr	35	16	1.6 mg 0.16 ml	16 mcg 0.32 ml	8 gm 32 ml	8 gm 32 ml
5 yr	40	18	1.8 mg 0.18 ml	18 mcg 0.36 ml	9 gm 36 ml	9 gm 36 ml
6 yr	44	20	2 mg 0.2 ml	20 mcg 0.4 ml	10 gm 40 ml	10 gm 40 ml
7 yr	48	22	2.2 mg 0.22 ml	22 mcg 0.44 ml	11 gm 44 ml	11 gm 44 ml
8 yr	55	25	2.5 mg 0.25 ml	25 mcg 0.5 ml	12.5 gm 50 ml	12.5 gm 50 ml
9 yr	62	28	2.8 mg 0.28 ml	28 mcg 0.56 ml	14 gm 56 ml	14 gm 56 ml
10 yr	66	30	3 mg 0.3 ml	30 mcg 0.6 ml	15 gm 60 ml	15 gm 60 ml
11 yr	77	35	3.5 mg 0.35 ml	35 mcg 0.7 ml	17.5 gm 70 ml	17.5 gm 70 ml
12 yr	88	40	4 mg 0.4 ml	40 mcg 0.8 ml	20 gm 80 ml	20 gm 80 ml
13 yr	99	45	4.5 mg 0.45 ml	45 mcg 0.9 ml	22.5 gm 90 ml	22.5 gm 90 ml
14 yr	110	50	5 mg 0.5 ml	50 mcg 1 ml	25 gm 100 ml	25 gm 100 ml

IN ORDER TO ADMINISTER MS, SYSTOLIC BP SHOULD BE >110.

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To make D25% discard 25 ml (half) out of amp of D50. (For D10% discard 40 ml) Then replace the difference with N/S or sterile water into the D50 amp. In order to use the ml dose of the Dextrose columns, the above concentration should be followed.