

Patient Weight = 3kg

L-Scope Blade: 1 straight

Chest Tube: 8-12 F

ET Tube (mm): 3.5 mm uncuffed

Foley: 5 F

LMA: 1

NG Tube: 8 F

Suction Catheter: 8 F

Central Line: 3 F

Defib, 1st dose (2J/kg): 6 J

Defib, 2nd+ dose (4J/kg): 12 J

Cardio, 1st dose (1J/kg): 3 J

Cardio, 2nd dose (2J/kg): 6 J

Concentration

Dose per kg

Dose (Volume)

Adenosine 1st Dose IV

3 mg/mL (6 mg/2 mL)

0.1 mg/kg

0.3 mg (0.1 mL)

2nd Dose IV

3 mg/mL (6 mg/2 mL)

0.2 mg/kg

0.6 mg (0.2 mL)

Atropine ET

0.4 mg/mL

0.05 mg/kg

0.15 mg (0.38 mL)

IV

0.1 mg/mL

0.02 mg/kg

0.1 mg (1 mL)

Amiodarone Pediatric IV

50 mg/mL (150 mg/3mL)

5 mg/kg

15 mg (0.3 mL)

6 mL D5W Dilution for above

Pediatric IV

5 mg/mL

5 mg/kg

15 mg (3 mL)

Calcium Chloride IV

100 mg/mL

20 mg/kg

60 mg (0.6 mL)

Dextrose

D10W (0.1 g/mL)

0.5 g/kg

1.5 g (15 mL)

Epinephrine ET

1 mg/mL (1:1,000)

0.1 mg/kg

0.3 mg (0.3 mL)

IM

0.1 mg/mL (1:10,000)

0.01 mg/kg

0.03 mg (0.3 mL)

IV

0.1 mg/mL (1:10,000)

0.01 mg/kg

0.03 mg (0.3 mL)

Flumazenil IV

0.1 mg/mL (0.5 mg/5mL)

0.01 mg/kg

0.03 mg (0.3 mL)

Lidocaine ET

2%, 20 mg/mL

2 mg/kg

6 mg (0.3 mL)

IV

2%, 20 mg/mL

1 mg/kg

3 mg (0.15 mL)

Magnesium Sulfate Pediatric IV

500 mg/mL (1g/2 mL)

50 mg/kg

150 mg (0.3 mL)

Naloxone Full Reversal IV, IM

1 mg/mL

0.1 mg/kg

0.3 mg (0.3 mL)

Incremental Dose IV, 1 mg/mL

0.01 mg/kg

0.03 mg (0.03 mL)

Sodium Bicarbonate IV

1 mEq/mL (8.4%)

1 mEq/kg

3 mEq (3 mL)

IV

0.5 mEq/mL (4.2%)

1 mEq/kg

3 mEq (6 mL)

Patient Weight = 4kg

L-Scope Blade: 1 straight	Chest Tube: 10-12 F
ET Tube (mm): 3.5 mm uncuffed	Foley: 5 F
LMA: 1	NG Tube: 8 F
Suction Catheter: 8 F	Central Line: 3 F
Defib, 1st dose (2J/kg): 8 J	Defib, 2nd+ dose (4J/kg): 16 J
Cardio, 1st dose (1J/kg): 4 J	Cardio, 2nd dose (2J/kg): 8 J

	Concentration	Dose per kg	Dose (Volume)
Adenosine 1st Dose IV	3 mg/mL (6 mg/2 mL)	0.1 mg/kg	0.4 mg (0.14 mL)
2nd Dose IV	3 mg/mL (6 mg/2 mL)	0.2 mg/kg	0.8 mg (0.27 mL)
Atropine ET	0.4 mg/mL	0.05 mg/kg	0.2 mg (0.5 mL)
IV	0.1 mg/mL	0.02 mg/kg	0.1 mg (1 mL)
Amiodarone Pediatric IV	50 mg/mL (150 mg/3mL)	5 mg/kg	20 mg (0.4 mL)
8 mL D5W Dilution for above			
Pediatric IV	5 mg/mL	5 mg/kg	20 mg (4 mL)
Calcium Chloride IV	100 mg/mL	20 mg/kg	80 mg (0.8 mL)
Dextrose	D10W (0.1 g/mL)	0.5 g/kg	2 g (20 mL)
Epinephrine ET	1 mg/mL (1:1,000)	0.1 mg/kg	0.4 mg (0.4 mL)
IM	0.1 mg/mL (1:10,000)	0.01 mg/kg	0.04 mg (0.4 mL)
IV	0.1 mg/mL (1:10,000)	0.01 mg/kg	0.04 mg (0.4 mL)
Flumazenil IV	0.1 mg/mL (0.5 mg/5mL)	0.01 mg/kg	0.04 mg (0.4 mL)
Lidocaine ET	2%, 20 mg/mL	2 mg/kg	8 mg (0.4 mL)
IV	2%, 20 mg/mL	1 mg/kg	4 mg (0.2 mL)
Magnesium Sulfate Pediatric IV	500 mg/mL (1g/2 mL)	50 mg/kg	200 mg (0.4 mL)
Naloxone Full Reversal IV, IM	1 mg/mL	0.1 mg/kg	0.4 mg (0.4 mL)
Incremental Dose IV, 1 mg/mL		0.01 mg/kg	0.04 mg (0.04 mL)
Sodium Bicarbonate IV	1 mEq/mL (8.4%)	1 mEq/kg	4 mEq (4 mL)
IV	0.5 mEq/mL (4.2%)	1 mEq/kg	4 mEq (8 mL)

Patient Weight = 5kg

L-Scope Blade: 1 straight

Chest Tube: 10-14 F

ET Tube (mm): 3.5 mm uncuffed

Foley: 5 F

LMA: 1

NG Tube: 8 F

Suction Catheter: 8 F

Central Line: 3 F

Defib, 1st dose (2J/kg): 10 J

Defib, 2nd+ dose (4J/kg): 20 J

Cardio, 1st dose (1J/kg): 5 J

Cardio, 2nd dose (2J/kg): 10 J

Concentration

Dose per kg

Dose (Volume)

Adenosine 1st Dose IV

3 mg/mL (6 mg/2 mL)

0.1 mg/kg

0.5 mg (0.17 mL)

2nd Dose IV

3 mg/mL (6 mg/2 mL)

0.2 mg/kg

1 mg (0.34 mL)

Atropine ET

0.4 mg/mL

0.05 mg/kg

0.25 mg (0.63 mL)

IV

0.1 mg/mL

0.02 mg/kg

0.1 mg (1 mL)

Amiodarone Pediatric IV

50 mg/mL (150 mg/3mL)

5 mg/kg

25 mg (0.5 mL)

10 mL D5W Dilution for above

Pediatric IV

5 mg/mL

5 mg/kg

25 mg (5 mL)

Calcium Chloride IV

100 mg/mL

20 mg/kg

100 mg (1 mL)

Dextrose

D10W (0.1 g/mL)

0.5 g/kg

2.5 g (25 mL)

Epinephrine ET

1 mg/mL (1:1,000)

0.1 mg/kg

0.5 mg (0.5 mL)

IM

0.1 mg/mL (1:10,000)

0.01 mg/kg

0.05 mg (0.5 mL)

IV

0.1 mg/mL (1:10,000)

0.01 mg/kg

0.05 mg (0.5 mL)

Flumazenil IV

0.1 mg/mL (0.5 mg/5mL)

0.01 mg/kg

0.05 mg (0.5 mL)

Lidocaine ET

2%, 20 mg/mL

2 mg/kg

10 mg (0.5 mL)

IV

2%, 20 mg/mL

1 mg/kg

5 mg (0.25 mL)

Magnesium Sulfate Pediatric IV

500 mg/mL (1g/2 mL)

50 mg/kg

250 mg (0.5 mL)

Naloxone Full Reversal IV, IM

1 mg/mL

0.1 mg/kg

0.5 mg (0.5 mL)

Incremental Dose IV, 1 mg/mL

0.01 mg/kg

0.05 mg (0.05 mL)

Sodium Bicarbonate IV

1 mEq/mL (8.4%)

1 mEq/kg

5 mEq (5 mL)

IV

0.5 mEq/mL (4.2%)

1 mEq/kg

5 mEq (10 mL)

Patient Weight =

6 - 7kg

Pink

L-Scope Blade: 1 straight

Chest Tube: 10-12 F

ET Tube (mm): 3.5 mm uncuffed

Foley: 8 F

LMA: 1.5

NG Tube: 8 F

Suction Catheter: 8 F

Central Line: 3 F

Defib, 1st dose (2J/kg): 13 J

Defib, 2nd+ dose (4J/kg): 26 J

Cardio, 1st dose (1J/kg): 7 J

Cardio, 2nd dose (2J/kg): 13 J

Concentration**Dose per kg****Dose (Volume)**

Adenosine 1st Dose IV

3 mg/mL (6 mg/2 mL)

0.1 mg/kg

0.65 mg (0.22 mL)

2nd Dose IV

3 mg/mL (6 mg/2 mL)

0.2 mg/kg

1.3 mg (0.44 mL)

Atropine ET

0.4 mg/mL

0.05 mg/kg

0.35 mg (0.81 mL)

IV

0.1 mg/mL

0.02 mg/kg

0.13 mg (1.3 mL)

Amiodarone Pediatric IV

50 mg/mL (150 mg/3mL)

5 mg/kg

32 mg (0.65 mL)

13 mL D5W Dilution for above

Pediatric IV

5 mg/mL

5 mg/kg

32 mg (6.5 mL)

Calcium Chloride IV

100 mg/mL

20 mg/kg

130 mg (1.3 mL)

Dextrose

D10W (0.1 g/mL)

0.5 g/kg

3.3 g (33 mL)

D25W (0.25 g/mL)

0.5 g/kg

3.3 g (13 mL)

Epinephrine ET

1 mg/mL (1:1,000)

0.1 mg/kg

0.65 mg (0.65 mL)

IM

0.1 mg/mL (1:10,000)

0.01 mg/kg

0.07 mg (0.65 mL)

IV

0.1 mg/mL (1:10,000)

0.01 mg/kg

0.07 mg (0.65 mL)

Flumazenil IV

0.1 mg/mL (0.5 mg/5mL)

0.01 mg/kg

0.07 mg (0.7 mL)

Lidocaine ET

2%, 20 mg/mL

2 mg/kg

13 mg (0.65 mL)

IV

2%, 20 mg/mL

1 mg/kg

6.5 mg (0.32 mL)

Magnesium Sulfate Pediatric IV

500 mg/mL (1g/2 mL)

50 mg/kg

320 mg (0.65 mL)

Naloxone Full Reversal IV, IM

1 mg/mL

0.1 mg/kg

0.65 mg (0.65 mL)

Incremental Dose IV, 1 mg/mL

0.01 mg/kg

0.07 mg (0.07 mL)

Sodium Bicarbonate IV

1 mEq/mL (8.4%)

1 mEq/kg

6.5 mEq (6.5 mL)

IV

0.5 mEq/mL (4.2%)

1 mEq/kg

6.5 mEq (13 mL)

Patient Weight = 8 - 9kg**Red**

L-Scope Blade: 1 straight

Chest Tube: 12-16 F

ET Tube (mm): 3.5 mm uncuffed

Foley: 8 F

LMA: 1.5

NG Tube: 8 F

Suction Catheter: 8 F

Central Line: 3-4 F

Defib, 1st dose (2J/kg): 17 J

Defib, 2nd+ dose (4J/kg): 34 J

Cardio, 1st dose (1J/kg): 8 J

Cardio, 2nd dose (2J/kg): 17 J

	Concentration	Dose per kg	Dose (Volume)
Adenosine 1st Dose IV	3 mg/mL (6 mg/2 mL)	0.1 mg/kg	0.85 mg (0.28 mL)
2nd Dose IV	3 mg/mL (6 mg/2 mL)	0.2 mg/kg	1.7 mg (0.57 mL)
Atropine ET	0.4 mg/mL	0.05 mg/kg	0.45 mg (1.1 mL)
IV	0.1 mg/mL	0.02 mg/kg	0.17 mg (1.7 mL)
Amiodarone Pediatric IV	50 mg/mL (150 mg/3mL)	5 mg/kg	42 mg (0.85 mL)
17 mL D5W Dilution for above			
Pediatric IV	5 mg/mL	5 mg/kg	42 mg (8.5 mL)
Calcium Chloride IV	100 mg/mL	20 mg/kg	170 mg (1.7 mL)
Dextrose	D10W (0.1 g/mL)	0.5 g/kg	4.3 g (43 mL)
	D25W (0.25 g/mL)	0.5 g/kg	4.3 g (17 mL)
Epinephrine ET	1 mg/mL (1:1,000)	0.1 mg/kg	0.85 mg (0.85 mL)
IM	0.1 mg/mL (1:10,000)	0.01 mg/kg	0.09 mg (0.85 mL)
IV	0.1 mg/mL (1:10,000)	0.01 mg/kg	0.09 mg (0.85 mL)
Flumazenil IV	0.1 mg/mL (0.5 mg/5mL)	0.01 mg/kg	0.1 mg (1 mL)
Lidocaine ET	2%, 20 mg/mL	2 mg/kg	17 mg (0.85 mL)
IV	2%, 20 mg/mL	1 mg/kg	8.5 mg (0.42 mL)
Magnesium Sulfate Pediatric IV	500 mg/mL (1g/2 mL)	50 mg/kg	430 mg (0.85 mL)
Naloxone Full Reversal IV, IM	1 mg/mL	0.1 mg/kg	0.85 mg (0.85 mL)
Incremental Dose IV	1 mg/mL	0.01 mg/kg	0.09 mg (0.09 mL)
Sodium Bicarbonate IV	1 mEq/mL (8.4%)	1 mEq/kg	8.5 mEq (8.5 mL)

Patient Weight = 10 - 11kg**Purple**

L-Scope Blade: 1 straight

Chest Tube: 16-20 F

ET Tube (mm): 4.0 mm uncuffed

Foley: 8-10 F

LMA: 2

NG Tube: 8 F

Suction Catheter: 8 F

Central Line: 3-4 F

Defib, 1st dose (2J/kg): 20 J

Defib, 2nd+ dose (4J/kg): 40 J

Cardio, 1st dose (1J/kg): 10 J

Cardio, 2nd dose (2J/kg): 20 J

Concentration**Dose per kg****Dose (Volume)**

Adenosine 1st Dose IV

3 mg/mL (6 mg/2 mL)

0.1 mg/kg

1 mg (0.35 mL)

2nd Dose IV

3 mg/mL (6 mg/2 mL)

0.2 mg/kg

2.1 mg (0.7 mL)

Atropine ET

0.4 mg/mL

0.05 mg/kg

0.5 mg (1.3 mL)

IV

0.1 mg/mL

0.02 mg/kg

0.21 mg (2.1 mL)

Amiodarone Pediatric IV

50 mg/mL (150 mg/3mL)

5 mg/kg

50 mg (1 mL)

21 mL D5W Dilution for above

Pediatric IV

5 mg/mL

5 mg/kg

50 mg (10 mL)

Calcium Chloride IV

100 mg/mL

20 mg/kg

210 mg (2.1 mL)

Dextrose

D10W (0.1 g/mL)

0.5 g/kg

5.3 g (53 mL)

D25W (0.25 g/mL)

0.5 g/kg

5.3 g (21 mL)

Epinephrine ET

1 mg/mL (1:1,000)

0.1 mg/kg

1 mg (1 mL)

IM

0.1 mg/mL (1:10,000)

0.01 mg/kg

0.1 mg (1 mL)

IV

0.1 mg/mL (1:10,000)

0.01 mg/kg

0.1 mg (1 mL)

Flumazenil IV

0.1 mg/mL (0.5 mg/5mL)

0.01 mg/kg

0.11 mg (1.1 mL)

Lidocaine ET

2%, 20 mg/mL

2 mg/kg

20 mg (1 mL)

IV

2%, 20 mg/mL

1 mg/kg

10 mg (0.5 mL)

Magnesium Sulfate Pediatric IV

500 mg/mL (1g/2 mL)

50 mg/kg

520 mg (1 mL)

Naloxone Full Reversal IV, IM

1 mg/mL

0.1 mg/kg

1 mg (1 mL)

Incremental Dose IV, 1 mg/mL

0.01 mg/kg

0.1 mg (0.1 mL)

Sodium Bicarbonate IV

1 mEq/mL (8.4%)

1 mEq/kg

10 mEq (10 mL)

Patient Weight = 12 - 14kg**Yellow**

L-Scope Blade: 2 str / curved

Chest Tube: 20-24 F

ET Tube (mm): 4.5 mm uncuffed

Foley: 10 F

LMA: 2

NG Tube: 10 F

Suction Catheter: 10 F

Central Line: 4 F

Defib, 1st dose (2J/kg): 26 J

Defib, 2nd+ dose (4J/kg): 52 J

Cardio, 1st dose (1J/kg): 13 J

Cardio, 2nd dose (2J/kg): 26 J

Concentration**Dose per kg****Dose (Volume)**

Adenosine 1st Dose IV

3 mg/mL (6 mg/2 mL)

0.1 mg/kg

1.3 mg (0.45 mL)

2nd Dose IV

3 mg/mL (6 mg/2 mL)

0.2 mg/kg

2.6 mg (0.9 mL)

Atropine ET

0.4 mg/mL

0.05 mg/kg

0.65 mg (1.6 mL)

IV

0.1 mg/mL

0.02 mg/kg

0.26 mg (2.6 mL)

Amiodarone Pediatric IV

50 mg/mL (150 mg/3mL)

5 mg/kg

65 mg (1.3 mL)

26 mL D5W Dilution for above

Pediatric IV

5 mg/mL

5 mg/kg

65 mg (13 mL)

Calcium Chloride IV

100 mg/mL

20 mg/kg

260 mg (2.6 mL)

Dextrose

D25W (0.25 g/mL)

0.5 g/kg

6.5 g (26 mL)

D50W (0.5 g/mL)

0.5 g/kg

6.5 g (13 mL)

Epinephrine ET

1 mg/mL (1:1,000)

0.1 mg/kg

1.3 mg (1.3 mL)

IM

0.1 mg/mL (1:10,000)

0.01 mg/kg

0.13 mg (1.3 mL)

IV

0.1 mg/mL (1:10,000)

0.01 mg/kg

0.13 mg (1.3 mL)

Flumazenil IV

0.1 mg/mL (0.5 mg/5mL)

0.01 mg/kg

0.13 mg (1.3 mL)

Lidocaine ET

2%, 20 mg/mL

2 mg/kg

26 mg (1.3 mL)

IV

2%, 20 mg/mL

1 mg/kg

13 mg (0.65 mL)

Magnesium Sulfate Pediatric IV

500 mg/mL (1g/2 mL)

50 mg/kg

640 mg (1.3 mL)

Naloxone Full Reversal IV, IM

1 mg/mL

0.1 mg/kg

1.3 mg (1.3 mL)

Incremental Dose IV, 1 mg/mL

0.01 mg/kg

0.13 mg (0.13 mL)

Sodium Bicarbonate IV

1 mEq/mL (8.4%)

1 mEq/kg

13 mEq (13 mL)

Patient Weight =**15 - 18kg****White**

L-Scope Blade: 2 str / curved

Chest Tube: 20-24 F

ET Tube (mm): 5.0 mm uncuffed

Foley: 10-12 F

LMA: 2

NG Tube: 12 F

Suction Catheter: 10 F

Central Line: 4-5 F

Defib, 1st dose (2J/kg): 33 J

Defib, 2nd+ dose (4J/kg): 66 J

Cardio, 1st dose (1J/kg): 17 J

Cardio, 2nd dose (2J/kg): 33 J

Concentration**Dose per kg****Dose (Volume)**

Adenosine 1st Dose IV

3 mg/mL (6 mg/2 mL)

0.1 mg/kg

1.7 mg (0.57 mL)

2nd Dose IV

3 mg/mL (6 mg/2 mL)

0.2 mg/kg

3.4 mg (1.1 mL)

Atropine ET

0.4 mg/mL

0.05 mg/kg

0.85 mg (2.1 mL)

IV

0.1 mg/mL

0.02 mg/kg

0.33 mg (3.3 mL)

Amiodarone Pediatric IV

50 mg/mL (150 mg/3mL)

5 mg/kg

80 mg (1.6 mL)

32 mL D5W Dilution for above

Pediatric IV

5 mg/mL

5 mg/kg

80 mg (16 mL)

Calcium Chloride IV

100 mg/mL

20 mg/kg

330 mg (3.3 mL)

Dextrose

D25W (0.25 g/mL)

0.5 g/kg

8.3 g (33 mL)

D50W (0.5 g/mL)

0.5 g/kg

8.3 g (16.5 mL)

Epinephrine ET

1 mg/mL (1:1,000)

0.1 mg/kg

1.7 mg (1.7 mL)

IM

0.1 mg/mL (1:10,000)

0.01 mg/kg

0.17 mg (1.7 mL)

IV

0.1 mg/mL (1:10,000)

0.01 mg/kg

0.17 mg (1.7 mL)

Flumazenil IV

0.1 mg/mL (0.5 mg/5mL)

0.01 mg/kg

0.17 mg (1.7 mL)

Lidocaine ET

2%, 20 mg/mL

2 mg/kg

33 mg (1.7 mL)

IV

2%, 20 mg/mL

1 mg/kg

16.5 mg (0.83 mL)

Magnesium Sulfate Pediatric IV

500 mg/mL (1g/2 mL)

50 mg/kg

800 mg (1.6 mL)

Naloxone Full Reversal IV, IM

1 mg/mL

0.1 mg/kg

1.6 mg (1.6 mL)

Incremental Dose IV, 1 mg/mL

0.01 mg/kg

0.16 mg (0.16 mL)

Sodium Bicarbonate IV

1 mEq/mL (8.4%)

1 mEq/kg

16.5 mEq (16.5 mL)

Patient Weight = 19 - 23kg

Blue

L-Scope Blade: 2 str / curved

Chest Tube: 24-28 F

ET Tube (mm): 5.5 mm uncuffed

Foley: 10-12 F

LMA: 2-2.5

NG Tube: 12 F

Suction Catheter: 10 F

Central Line: 4-5 F

Defib, 1st dose (2J/kg): 42 J

Defib, 2nd+ dose (4J/kg): 80 J

Cardio, 1st dose (1J/kg): 21 J

Cardio, 2nd dose (2J/kg): 42 J

Concentration

Dose per kg

Dose (Volume)

Adenosine 1st Dose IV

3 mg/mL (6 mg/2 mL)

0.1 mg/kg

2.1 mg (0.7 mL)

2nd Dose IV

3 mg/mL (6 mg/2 mL)

0.2 mg/kg

4.2 mg (1.4 mL)

Atropine ET

0.4 mg/mL

0.05 mg/kg

1.1 mg (2.8 mL)

IV

0.1 mg/mL

0.02 mg/kg

0.42 mg (4.2 mL)

Amiodarone Pediatric IV

50 mg/mL (150 mg/3mL)

5 mg/kg

105 mg (2.1 mL)

42 mL D5W Dilution for above

Pediatric IV

5 mg/mL

5 mg/kg

105 mg (21 mL)

Calcium Chloride IV

100 mg/mL

20 mg/kg

420 mg (4.2 mL)

Dextrose

D25W (0.25 g/mL)

0.5 g/kg

10.5 g (42 mL)

D50W (0.5 g/mL)

0.5 g/kg

10.5 g (21 mL)

Epinephrine ET

1 mg/mL (1:1,000)

0.1 mg/kg

2.1 mg (2.1 mL)

IM

0.1 mg/mL (1:10,000)

0.01 mg/kg

0.21 mg (2.1 mL)

IV

0.1 mg/mL (1:10,000)

0.01 mg/kg

0.21 mg (2.1 mL)

Flumazenil IV

0.1 mg/mL (0.5 mg/5mL)

0.01 mg/kg

0.2 mg (2 mL)

Lidocaine ET

2%, 20 mg/mL

2 mg/kg

40 mg (2 mL)

IV

2%, 20 mg/mL

1 mg/kg

21 mg (1.1 mL)

Magnesium Sulfate Pediatric IV

500 mg/mL (1g/2 mL)

50 mg/kg

1000 mg (2.1 mL)

Naloxone Full Reversal IV, IM

1 mg/mL

0.1 mg/kg

2 mg (2 mL)

Incremental Dose IV, 1 mg/mL

0.01 mg/kg

0.2 mg (0.2 mL)

Sodium Bicarbonate IV

1 mEq/mL (8.4%)

1 mEq/kg

21 mEq (21 mL)

Patient Weight = 24 - 29kg

Orange

L-Scope Blade: 2-3 str / curved

Chest Tube: 28-32 F

ET Tube (mm): 6.0 mm cuffed

Foley: 12 F

LMA: 2.5

NG Tube: 14-18 F

Suction Catheter: 10 F

Central Line: 4-5 F

Defib, 1st dose (2J/kg): 53 J

Defib, 2nd+ dose (4J/kg): 106 J

Cardio, 1st dose (1J/kg): 27 J

Cardio, 2nd dose (2J/kg): 53 J

	Concentration	Dose per kg	Dose (Volume)
Adenosine 1st Dose IV	3 mg/mL (6 mg/2 mL)	0.1 mg/kg	2.7 mg (0.9 mL)
2nd Dose IV	3 mg/mL (6 mg/2 mL)	0.2 mg/kg	5.4 mg (1.8 mL)
Atropine ET	0.4 mg/mL	0.05 mg/kg	1.3 mg (3.3 mL)
IV	0.1 mg/mL	0.02 mg/kg	0.5 mg (5 mL)
Amiodarone Pediatric IV	50 mg/mL (150 mg/3mL)	5 mg/kg	130 mg (2.6 mL)
50 mL D5W Dilution for above			
Pediatric IV	5 mg/mL	5 mg/kg	130 mg (26 mL)
Calcium Chloride IV	100 mg/mL	20 mg/kg	530 mg (5.3 mL)
Dextrose	D25W (0.25 g/mL)	0.5 g/kg	13.3 g (53 mL)
	D50W (0.5 g/mL)	0.5 g/kg	13.3 g (27 mL)
Epinephrine ET	1 mg/mL (1:1,000)	0.1 mg/kg	2.5 mg (2.5 mL)
IM	0.1 mg/mL (1:10,000)	0.01 mg/kg	0.27 mg (2.7 mL)
IV	0.1 mg/mL (1:10,000)	0.01 mg/kg	0.27 mg (2.7 mL)
Flumazenil IV	0.1 mg/mL (0.5 mg/5mL)	0.01 mg/kg	0.2 mg (2 mL)
Lidocaine ET	2%, 20 mg/mL	2 mg/kg	53 mg (2.7 mL)
IV	2%, 20 mg/mL	1 mg/kg	27 mg (1.4 mL)
Magnesium Sulfate Pediatric IV	500 mg/mL (1g/2 mL)	50 mg/kg	1300 mg (2.7 mL)
Naloxone Full Reversal IV, IM	1 mg/mL	0.1 mg/kg	2 mg (2 mL)
Incremental Dose IV	1 mg/mL	0.01 mg/kg	0.26 mg (0.26 mL)
Sodium Bicarbonate IV	1 mEq/mL (8.4%)	1 mEq/kg	27 mEq (27 mL)

Patient Weight = 30 - 36kg**Green**

L-Scope Blade: 2-3 str / curved

Chest Tube: 32-40 F

ET Tube (mm): 6.5 mm cuffed

Foley: 12 F

LMA: 3

NG Tube: 14-18 F

Suction Catheter: 10 F

Central Line: 5-8 F

Defib, 1st dose (2J/kg): 66 J

Defib, 2nd+ dose (4J/kg): 130 J

Cardio, 1st dose (1J/kg): 33 J

Cardio, 2nd dose (2J/kg): 66 J

Concentration**Dose per kg****Dose (Volume)**

Adenosine 1st Dose IV

3 mg/mL (6 mg/2 mL)

0.1 mg/kg

3.3 mg (1.1 mL)

2nd Dose IV

3 mg/mL (6 mg/2 mL)

0.2 mg/kg

6.6 mg (2.2 mL)

Atropine ET

0.4 mg/mL

0.05 mg/kg

1.7 mg (4.3 mL)

IV

0.1 mg/mL

0.02 mg/kg

0.5 mg (5 mL)

Amiodarone Pediatric IV

50 mg/mL (150 mg/3mL)

5 mg/kg

165 mg (3.3 mL)

66 mL D5W Dilution for above

Pediatric IV

5 mg/mL

5 mg/kg

165 mg (33 mL)

Calcium Chloride IV

100 mg/mL

20 mg/kg

660 mg (6.6 mL)

Dextrose

D25W (0.25 g/mL)

0.5 g/kg

16.5 g (66 mL)

D50W (0.5 g/mL)

0.5 g/kg

16.5 g (33 mL)

Epinephrine ET

1 mg/mL (1:1,000)

0.1 mg/kg

2.5 mg (2.5 mL)

IM

0.1 mg/mL (1:10,000)

0.01 mg/kg

0.3 mg (3 mL)

IV

0.1 mg/mL (1:10,000)

0.01 mg/kg

0.33 mg (3.3 mL)

Flumazenil IV

0.1 mg/mL (0.5 mg/5mL)

0.01 mg/kg

0.2 mg (2 mL)

Lidocaine ET

2%, 20 mg/mL

2 mg/kg

66 mg (3.3 mL)

IV

2%, 20 mg/mL

1 mg/kg

33 mg (1.7 mL)

Magnesium Sulfate Pediatric IV

500 mg/mL (1g/2 mL)

50 mg/kg

1600 mg (3.3 mL)

Naloxone Full Reversal IV, IM

1 mg/mL

0.1 mg/kg

2 mg (2 mL)

Incremental Dose IV, 1 mg/mL

0.01 mg/kg

0.33 mg (0.33 mL)

Sodium Bicarbonate IV

1 mEq/mL (8.4%)

1 mEq/kg

33 mEq (33 mL)

Patient Weight = 37 - 43kg

L-Scope Blade: 2-3 str / curved

Chest Tube: 32-40 F

ET Tube (mm): 7.0 cuffed mm

Foley: 12 F

LMA: 3

NG Tube: 14-18 F

Suction Catheter: 12-14 F

Central Line: 5-8 F

Defib, 1st dose (2J/kg): 80 J

Defib, 2nd+ dose (4J/kg): 160 J

Cardio, 1st dose (1J/kg): 40 J

Cardio, 2nd dose (2J/kg): 80 J

	Concentration	Dose per kg	Dose (Volume)
Adenosine 1st Dose IV	3 mg/mL (6 mg/2 mL)	0.1 mg/kg	4 mg (1.3 mL)
2nd Dose IV	3 mg/mL (6 mg/2 mL)	0.2 mg/kg	8 mg (2.7 mL)
Atropine ET	0.4 mg/mL	0.05 mg/kg	2 mg (5 mL)
IV	0.1 mg/mL	0.02 mg/kg	0.5 mg (5 mL)
Amiodarone Pediatric IV	50 mg/mL (150 mg/3mL)	5 mg/kg	200 mg (4 mL)
80 mL D5W Dilution for above			
Pediatric IV	5 mg/mL	5 mg/kg	200 mg (40 mL)
Perfusing Tachycard	50 mg/mL (150 mg/3mL)	150 mg	150 mg (3 mL)
Pulseless VF/VT	50 mg/mL (150 mg/3mL)	300 mg	300 mg (6 mL)
Calcium Chloride IV	100 mg/mL	20 mg/kg	800 mg (8 mL)
Dextrose	D25W (0.25 g/mL)	0.5 g/kg	20 g (80 mL)
	D50W (0.5 g/mL)	0.5 g/kg	20 g (40 mL)
Epinephrine ET	1 mg/mL (1:1,000)	0.1 mg/kg	2.5 mg (2.5 mL)
IM	0.1 mg/mL (1:10,000)	0.01 mg/kg	0.3 mg (3 mL)
IV	0.1 mg/mL (1:10,000)	0.01 mg/kg	0.4 mg (4 mL)
Flumazenil IV	0.1 mg/mL (0.5 mg/5mL)	0.01 mg/kg	0.2 mg (2 mL)
Lidocaine ET	2%, 20 mg/mL	2 mg/kg	80 mg (4 mL)
IV	2%, 20 mg/mL	1 mg/kg	40 mg (2 mL)
Naloxone Full Reversal IV, IM	1 mg/mL	0.1 mg/kg	2 mg (2 mL)
Incremental Dose IV,	1 mg/mL	0.01 mg/kg	0.4 mg (0.4 mL)
Sodium Bicarbonate IV	1 mEq/mL (8.4%)	1 mEq/kg	50 mEq (50 mL)

Patient Weight = 37 - 43kg

L-Scope Blade: 2-3 str / curved

Chest Tube: 32-40 F

ET Tube (mm): 7.0 cuffed mm

Foley: 12 F

LMA: 3

NG Tube: 14-18 F

Suction Catheter: 12-14 F

Central Line: 5-8 F

Defib, 1st dose (2J/kg): 80 J

Defib, 2nd+ dose (4J/kg): 160 J

Cardio, 1st dose (1J/kg): 40 J

Cardio, 2nd dose (2J/kg): 80 J

Concentration

Dose per kg

Dose (Volume)

Magnesium Sulfate IV

500 mg/mL (1g/2 mL)

2000 mg

2000 mg (4 mL)

46 mL D5W Diluent for above concentrations

IV

40 mg/mL

2000 mg

2000 mg (50 mL)

Patient Weight = 44 - 50kg

L-Scope Blade: 3 str / curved

Chest Tube: 32-42 F

ET Tube (mm): 7.0-7.5 cuffed mm

Foley: 14 F

LMA: 3.5

NG Tube: 15-18 F

Suction Catheter: 12-14 F

Central Line: 5-8 F

Defib, 1st dose (2J/kg): 94 J

Defib, 2nd+ dose (4J/kg): 190 J

Cardio, 1st dose (1J/kg): 47 J

Cardio, 2nd dose (2J/kg): 94 J

	Concentration	Dose per kg	Dose (Volume)
Adenosine 1st Dose IV	3 mg/mL (6 mg/2 mL)	0.1 mg/kg	5 mg (1.7 mL)
2nd Dose IV	3 mg/mL (6 mg/2 mL)	0.2 mg/kg	10 mg (3.3 mL)
Atropine ET	0.4 mg/mL	0.05 mg/kg	2.5 mg (5.9 mL)
IV	0.1 mg/mL	0.02 mg/kg	0.5 mg (5 mL)
Amiodarone Pediatric IV	50 mg/mL (150 mg/3mL)	5 mg/kg	240 mg (4.8 mL)
96 mL D5W Dilution for above			
Pediatric IV	5 mg/mL	5 mg/kg	240 mg (48 mL)
Perfusing Tachycard	50 mg/mL (150 mg/3mL)	150 mg	150 mg (3 mL)
Pulseless VF/VT	50 mg/mL (150 mg/3mL)	300 mg	300 mg (6 mL)
Calcium Chloride IV	100 mg/mL	20 mg/kg	950 mg (9.5 mL)
Dextrose	D25W (0.25 g/mL)	0.5 g/kg	23.5 g (94 mL)
	D50W (0.5 g/mL)	0.5 g/kg	23.5 g (47 mL)
Epinephrine ET	1 mg/mL (1:1,000)	0.1 mg/kg	2.5 mg (2.5 mL)
IM	0.1 mg/mL (1:10,000)	0.01 mg/kg	0.3 mg (3 mL)
IV	0.1 mg/mL (1:10,000)	0.01 mg/kg	0.5 mg (5 mL)
Flumazenil IV	0.1 mg/mL (0.5 mg/5mL)	0.01 mg/kg	0.2 mg (2 mL)
Lidocaine ET	2%, 20 mg/mL	2 mg/kg	94 mg (4.7 mL)
IV	2%, 20 mg/mL	1 mg/kg	50 mg (2.5 mL)
Naloxone Full Reversal IV, IM	1 mg/mL	0.1 mg/kg	2 mg (2 mL)
Incremental Dose IV,	1 mg/mL	0.01 mg/kg	0.47 mg (0.47 mL)
Sodium Bicarbonate IV	1 mEq/mL (8.4%)	1 mEq/kg	50 mEq (50 mL)

Patient Weight = 44 - 50kg

L-Scope Blade: 3 str / curved

Chest Tube: 32-42 F

ET Tube (mm): 7.0-7.5 cuffed mm

Foley: 14 F

LMA: 3.5

NG Tube: 15-18 F

Suction Catheter: 12-14 F

Central Line: 5-8 F

Defib, 1st dose (2J/kg): 94 J

Defib, 2nd+ dose (4J/kg): 190 J

Cardio, 1st dose (1J/kg): 47 J

Cardio, 2nd dose (2J/kg): 94 J

Concentration

Dose per kg

Dose (Volume)

Magnesium Sulfate IV

500 mg/mL (1g/2 mL)

2000 mg

2000 mg (4 mL)

46 mL D5W Diluent for above concentrations

IV

40 mg/mL

2000 mg

2000 mg (50 mL)

Patient Weight = 51 - 60kg

	Concentration	Dose per kg	Dose (Volume)
Adenosine 1st Dose IV	3 mg/mL (6 mg/2 mL)	6 mg	6 mg (2 mL)
2nd Dose IV	3 mg/mL (6 mg/2 mL)	12 mg	12 mg (4 mL)
Atropine ET	0.4 mg/mL	0.05 mg/kg	3 mg (6.9 mL)
IV	0.1 mg/mL	0.5 mg	0.5 mg (5 mL)
Amiodarone Perfusing Tachycard	50 mg/mL (150 mg/3mL)	150 mg	150 mg (3 mL)
Pulseless VF/VT	50 mg/mL (150 mg/3mL)	300 mg	300 mg (6 mL)
Calcium Chloride IV	100 mg/mL	1000 mg	1000 mg (10 mL)
Dextrose	D25W (0.25 g/mL)	25 g	25 g (100 mL)
	D50W (0.5 g/mL)	25 g	25 g (50 mL)
Epinephrine ET	1 mg/mL (1:1,000)	2.5 mg	2.5 mg (2.5 mL)
IM	0.1 mg/mL (1:10,000)	0.3 mg	0.3 mg (3 mL)
IV	0.1 mg/mL (1:10,000)	1 mg	1 mg (10 mL)
Flumazenil IV	0.1 mg/mL (0.5 mg/5mL)	0.2 mg	0.2 mg (2 mL)
Lidocaine ET	2%, 20 mg/mL	2 mg/kg	120 mg (6 mL)
IV	2%, 20 mg/mL	1 mg/kg	60 mg (3 mL)
Naloxone Full Reversal IV, IM	1 mg/mL	0.4 mg/kg	2 mg (2 mL)
Incremental Dose IV,	1 mg/mL	2 mg	0.4 - 2 mg (0.4 - 2 mL)
Sodium Bicarbonate IV	1 mEq/mL (8.4%)	1 mEq/kg	50 mEq (50 mL)
Magnesium Sulfate IV	500 mg/mL (1g/2 mL)	2000 mg	2000 mg (4 mL)
	46 mL D5W Diluent for above concentrations		
IV	40 mg/mL	2000 mg	2000 mg (50 mL)

Patient Weight = 61 - 74kg

	Concentration	Dose per kg	Dose (Volume)
Adenosine 1st Dose IV	3 mg/mL (6 mg/2 mL)	6 mg	6 mg (2 mL)
2nd Dose IV	3 mg/mL (6 mg/2 mL)	12 mg	12 mg (4 mL)
Atropine ET	0.4 mg/mL	0.05 mg/kg	3 mg (7.5 mL)
IV	0.1 mg/mL	0.5 mg	0.5 mg (5 mL)
Amiodarone Perfusing Tachycard	50 mg/mL (150 mg/3mL)	150 mg	150 mg (3 mL)
Pulseless VF/VT	50 mg/mL (150 mg/3mL)	300 mg	300 mg (6 mL)
Calcium Chloride IV	100 mg/mL	1000 mg	1000 mg (10 mL)
Dextrose	D25W (0.25 g/mL)	25 g	25 g (100 mL)
	D50W (0.5 g/mL)	25 g	25 g (50 mL)
Epinephrine ET	1 mg/mL (1:1,000)	2.5 mg	2.5 mg (2.5 mL)
IM	0.1 mg/mL (1:10,000)	0.3 mg	0.3 mg (3 mL)
IV	0.1 mg/mL (1:10,000)	1 mg	1 mg (10 mL)
Flumazenil IV	0.1 mg/mL (0.5 mg/5mL)	0.2 mg	0.2 mg (2 mL)
Lidocaine ET	2%, 20 mg/mL	2 mg/kg	140 mg (7 mL)
IV	2%, 20 mg/mL	1 mg/kg	70 mg (3.5 mL)
Naloxone Full Reversal IV, IM	1 mg/mL	0.4 mg/kg	2 mg (2 mL)
Incremental Dose IV,	1 mg/mL	2 mg	0.4 - 2 mg (0.4 - 2 mL)
Sodium Bicarbonate IV	1 mEq/mL (8.4%)	1 mEq/kg	50 mEq (50 mL)
Magnesium Sulfate IV	500 mg/mL (1g/2 mL)	2000 mg	2000 mg (4 mL)
	46 mL D5W Diluent for above concentrations		
IV	40 mg/mL	2000 mg	2000 mg (50 mL)

Patient Weight = 75 - 90kg

	Concentration	Dose per kg	Dose (Volume)
Adenosine 1st Dose IV	3 mg/mL (6 mg/2 mL)	6 mg	6 mg (2 mL)
2nd Dose IV	3 mg/mL (6 mg/2 mL)	12 mg	12 mg (4 mL)
Atropine ET	0.4 mg/mL	0.05 mg/kg	3 mg (7.5 mL)
IV	0.1 mg/mL	0.5 mg	0.5 mg (5 mL)
Amiodarone Perfusing Tachycard	50 mg/mL (150 mg/3mL)	150 mg	150 mg (3 mL)
Pulseless VF/VT	50 mg/mL (150 mg/3mL)	300 mg	300 mg (6 mL)
Calcium Chloride IV	100 mg/mL	1000 mg	1000 mg (10 mL)
Dextrose	D25W (0.25 g/mL)	25 g	25 g (100 mL)
	D50W (0.5 g/mL)	25 g	25 g (50 mL)
Epinephrine ET	1 mg/mL (1:1,000)	2.5 mg	2.5 mg (2.5 mL)
IM	0.1 mg/mL (1:10,000)	0.3 mg	0.3 mg (3 mL)
IV	0.1 mg/mL (1:10,000)	1 mg	1 mg (10 mL)
Flumazenil IV	0.1 mg/mL (0.5 mg/5mL)	0.2 mg	0.2 mg (2 mL)
Lidocaine ET	2%, 20 mg/mL	2 mg/kg	160 mg (8 mL)
IV	2%, 20 mg/mL	1 mg/kg	80 mg (4 mL)
Naloxone Full Reversal IV, IM	1 mg/mL	0.4 mg/kg	2 mg (2 mL)
Incremental Dose IV,	1 mg/mL	2 mg	0.4 - 2 mg (0.4 - 2 mL)
Sodium Bicarbonate IV	1 mEq/mL (8.4%)	1 mEq/kg	100 mEq (100 mL)
Magnesium Sulfate IV	500 mg/mL (1g/2 mL)	2000 mg	2000 mg (4 mL)
	46 mL D5W Diluent for above concentrations		
IV	40 mg/mL	2000 mg	2000 mg (50 mL)

Patient Weight = 91 - 105kg

	Concentration	Dose per kg	Dose (Volume)
Adenosine 1st Dose IV	3 mg/mL (6 mg/2 mL)	6 mg	6 mg (2 mL)
2nd Dose IV	3 mg/mL (6 mg/2 mL)	12 mg	12 mg (4 mL)
Atropine ET	0.4 mg/mL	0.05 mg/kg	3 mg (7.5 mL)
IV	0.1 mg/mL	0.5 mg	0.5 mg (5 mL)
Amiodarone Perfusing Tachycard	50 mg/mL (150 mg/3mL)	150 mg	150 mg (3 mL)
Pulseless VF/VT	50 mg/mL (150 mg/3mL)	300 mg	300 mg (6 mL)
Calcium Chloride IV	100 mg/mL	1000 mg	1000 mg (10 mL)
Dextrose	D25W (0.25 g/mL)	25 g	25 g (100 mL)
	D50W (0.5 g/mL)	25 g	25 g (50 mL)
Epinephrine ET	1 mg/mL (1:1,000)	2.5 mg	2.5 mg (2.5 mL)
IM	0.1 mg/mL (1:10,000)	0.3 mg	0.3 mg (3 mL)
IV	0.1 mg/mL (1:10,000)	1 mg	1 mg (10 mL)
Flumazenil IV	0.1 mg/mL (0.5 mg/5mL)	0.2 mg	0.2 mg (2 mL)
Lidocaine ET	2%, 20 mg/mL	2 mg/kg	200 mg (10 mL)
IV	2%, 20 mg/mL	1 mg/kg	100 mg (5 mL)
Naloxone Full Reversal IV, IM	1 mg/mL	0.4 mg/kg	2 mg (2 mL)
Incremental Dose IV,	1 mg/mL	2 mg	0.4 - 2 mg (0.4 - 2 mL)
Sodium Bicarbonate IV	1 mEq/mL (8.4%)	1 mEq/kg	100 mEq (100 mL)
Magnesium Sulfate IV	500 mg/mL (1g/2 mL)	2000 mg	2000 mg (4 mL)
	46 mL D5W Diluent for above concentrations		
IV	40 mg/mL	2000 mg	2000 mg (50 mL)

Patient Weight = 106 - 130kg

	Concentration	Dose per kg	Dose (Volume)
Adenosine 1st Dose IV	3 mg/mL (6 mg/2 mL)	6 mg	6 mg (2 mL)
2nd Dose IV	3 mg/mL (6 mg/2 mL)	12 mg	12 mg (4 mL)
Atropine ET	0.4 mg/mL	0.05 mg/kg	3 mg (7.5 mL)
IV	0.1 mg/mL	0.5 mg	0.5 mg (5 mL)
Amiodarone Perfusing Tachycard	50 mg/mL (150 mg/3mL)	150 mg	150 mg (3 mL)
Pulseless VF/VT	50 mg/mL (150 mg/3mL)	300 mg	300 mg (6 mL)
Calcium Chloride IV	100 mg/mL	1000 mg	1000 mg (10 mL)
Dextrose	D25W (0.25 g/mL)	25 g	25 g (100 mL)
	D50W (0.5 g/mL)	25 g	25 g (50 mL)
Epinephrine ET	1 mg/mL (1:1,000)	2.5 mg	2.5 mg (2.5 mL)
IM	0.1 mg/mL (1:10,000)	0.3 mg	0.3 mg (3 mL)
IV	0.1 mg/mL (1:10,000)	1 mg	1 mg (10 mL)
Flumazenil IV	0.1 mg/mL (0.5 mg/5mL)	0.2 mg	0.2 mg (2 mL)
Lidocaine ET	2%, 20 mg/mL	2 mg/kg	240 mg (12 mL)
IV	2%, 20 mg/mL	1 mg/kg	120 mg (6 mL)
Naloxone Full Reversal IV, IM	1 mg/mL	0.4 mg/kg	2 mg (2 mL)
Incremental Dose IV,	1 mg/mL	2 mg	0.4 - 2 mg (0.4 - 2 mL)
Sodium Bicarbonate IV	1 mEq/mL (8.4%)	1 mEq/kg	100 mEq (100 mL)
Magnesium Sulfate IV	500 mg/mL (1g/2 mL)	2000 mg	2000 mg (4 mL)
	46 mL D5W Diluent for above concentrations		
IV	40 mg/mL	2000 mg	2000 mg (50 mL)