

LBRT Color: GREY PINK

Age Range: **Newborn to 6 months**

Weight Range: <8 kg

Approximate kg: 5 kg

Approximate lbs: 10 lbs

NG tube size: 5 Fr

	1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>
Defib:	20 J	40 J	40 J
Cardiovert:	10 J	20 J	20 J

(or clinically equivalent biphasic energy dose)

Normal vital signs	HR: 100-160	RR: 25-60	SBP: >60 mmHg
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VOL	MEDICATION	DOSE	CONCENTRATION
-	Acetaminophen <b>DO NOT ADMINISTER</b>	-	-
0.2 mL	Adenosine <b>IV 1<sup>st</sup></b>	0.5 mg	6 mg/2 mL
0.4 mL	Adenosine <b>IV 2<sup>nd</sup>/3<sup>rd</sup></b>	1 mg	6 mg/2 mL
6 mL	Albuterol <b>Nebulized</b>	5 mg	2.5 mg/3 mL
0.5 mL <sup>◇</sup>	Amiodarone ( <b>VF/Pulseless VT</b> ) <b>IV/IO</b>	25 mg	150 mg/3 mL
1 mL	Atropine ( <b>Bradycardia</b> ) <b>IV/IO</b>	0.1 mg	1 mg/10 mL
0.3 mL*	Atropine ( <b>OPP</b> ) <b>IV/IM</b>	0.1 mg	8 mg/10 mL
1 mL	Calcium Chloride <b>IV/IO</b>	100 mg	1 gm/10 mL
24 mL	Charcoal <b>PO</b>	5 gm	50 gm/240 mL
25 mL	Dextrose <b>10% IV</b>	2.5 gm	25 gm/250 mL
0.1 mL	Diphenhydramine <b>IV/IM</b>	5 mg	50 mg/1mL
0.1 mL*	Epinephrine <b>IM</b>	0.05 mg	<b>1:1,000</b> 1 mg/1 mL
0.5 mL	Epinephrine <b>IV/IO</b>	0.05 mg	<b>1:10,000</b> 1 mg/10 mL
0.5 mL	Epinephrine ( <b>Push-Dose</b> ) <b>IV slow/IO</b>	0.005 mg	<b>1:100,000</b> 0.1 mg/10 mL
2.5 mL	Epinephrine <b>Nebulized</b>	2.5 mg	<b>1:1,000</b> 1 mg/1 mL
0.1 mL	Fentanyl <b>IV</b> <span style="float: right;"><b>BHO</b></span>	5 mcg	100 mcg/2 mL
0.1 mL	Fentanyl <b>IN</b> <span style="float: right;"><b>BHO</b></span>	5 mcg	100 mcg/2 mL
0.3 mL*	Glucagon <b>IM</b>	0.25 mg	1 unit (mg)/1 mL
1.25 mL	Ipratropium Bromide <b>Nebulized</b>	0.25 mg	0.5 mg/2.5 mL
0.3 mL*, <sup>◇</sup>	Lidocaine <b>2% IV/IO</b>	5 mg	100 mg/5 mL
0.1 mL	Midazolam <b>IV slow</b>	0.5 mg	5 mg/1 mL
0.2 mL	Midazolam <b>IN/IM</b>	1 mg	5 mg/1 mL
NONE	Morphine Sulfate <b>IV/IM</b>	NONE	10 mg/1 mL
0.5 mL	Naloxone <b>IN/IM/IV</b>	0.5 mg	2 mg/2 mL
5 mL	Naloxone <b>IV titrated increments</b>	0.5 mg	Diluted to 1 mg/10 mL
100 mL	Normal Saline Fluid Bolus		Standard
1 mL	Ondansetron <b>IM/IV</b> 6 months - 3 years	2 mg	4 mg/2 mL
½ tablet	Ondansetron <b>ODT</b> 6 months - 3 years	2 mg	4 mg tablet
5 mL	Sodium Bicarbonate <b>IV</b> <span style="float: right;"><b>BHO</b></span>	5 mEq	50 mEq/50 mL

- Neonates involve base physician.
- To assure accuracy, be sure the designated **concentration** of medication is used.
- \* Volume rounded for ease of administration
- ◇ Antiarrhythmic dosing for stable VT per BHPO

LBRT Color: RED PURPLE YELLOW

**Age Range:** 6 months to 3 years

**Weight Range:** 8-14 kg 1<sup>st</sup> 2<sup>nd</sup> 3<sup>rd</sup>  
**Approximate kg:** 10 kg Defib: 20 J 40 J 40 J  
**Approximate lbs:** 20 lbs Cardiovert: 10 J 20 J 20 J  
**NG tube size:** 5-8 Fr 8-10 Fr 10 Fr (or clinically equivalent biphasic energy dose)

**Normal vital signs:** HR: 90-160 RR: 20-40 SBP: >70 mmHg

VOL	MEDICATION	DOSE	CONCENTRATION
-	Acetaminophen <b>DO NOT ADMINISTER</b>	-	-
0.3 mL*	Adenosine <b>IV fast 1<sup>st</sup></b>	1 mg	6 mg/2 mL
0.7 mL*	Adenosine <b>IV fast 2<sup>nd</sup>/3<sup>rd</sup></b>	2 mg	6 mg/2 mL
6 mL	Albuterol <b>Nebulized</b>	5 mg	2.5 mg/3 mL
1 mL <sup>◇</sup>	Amiodarone ( <b>VF/Pulseless VT</b> ) <b>IV/IO</b>	50 mg	150 mg/3 mL
1.25 mL	Ipratropium Bromide <b>Nebulized</b>	0.25 mg	0.5 mg/2.5 mL
2 mL	Atropine ( <b>Bradycardia</b> ) <b>IV/IO</b>	0.2 mg	1 mg/10 mL
0.5 mL	Atropine ( <b>OPP</b> ) <b>IV/IM</b>	0.2 mg	8 mg/20 mL
2 mL	Calcium Chloride <b>IV/IO</b>	200 mg	1 gm/10 mL
50 mL*	Charcoal <b>PO</b>	10 gm	50 gm/240 mL
50 mL	Dextrose <b>10% IV</b>	5 gm	25 gm/250 mL
0.2 mL	Diphenhydramine <b>IV/IM</b>	10 mg	50 mg/1 mL
0.1 mL	Epinephrine <b>IM</b>	0.1 mg	<b>1:1,000</b> 1 mg/1 mL
1 mL	Epinephrine <b>IV/IO</b>	0.1 mg	<b>1:10,000</b> 1 mg/10 mL
1 mL	Epinephrine ( <b>Push-Dose</b> ) <b>IV slow/IO</b>	0.01 mg	<b>1:100,000</b> 0.1mg/10 mL
2.5 mL	Epinephrine <b>Nebulized</b>	2.5 mg	<b>1:1,000</b> 1 mg/1 mL
0.3 mL	Fentanyl <b>IN</b>	15 mcg	100 mcg/2 mL
0.2 mL	Fentanyl <b>IV</b>	10 mcg	100 mcg/2 mL
0.5 mL	Glucagon <b>IM</b>	0.5 mg	1 unit (mg)/1 mL
1.25 mL	Ipratropium Bromide <b>Nebulized</b>	0.25 mg	0.5 mg/2.5 mL
0.5 mL <sup>◇</sup>	Lidocaine <b>2% IV/IO</b>	10 mg	100 mg/5 mL
0.2 mL	Midazolam <b>IV slow</b>	1 mg	5 mg/1 mL
0.4 mL	Midazolam <b>IN/IM</b>	2 mg	5 mg/1 mL
0.1 mL	Morphine Sulfate <b>IV/IM</b>	1 mg	10 mg/1 mL
1 mL	Naloxone <b>IN/IM/IV</b>	1 mg	2 mg/2 mL
10 mL	Naloxone <b>IV titrated increments</b>	1 mg	Diluted to 1 mg/10 mL
200 mL	Normal Saline Fluid Bolus		Standard
1 mL	Ondansetron <b>IM/IV</b> 6 months - 3 years	2 mg	4 mg/2 mL
½ tablet	Ondansetron <b>ODT</b> 6 months - 3 years	2 mg	4 mg tablet
2 mL	Ondansetron <b>IM/IV</b> >3 years of age	4 mg	4 mg/2 mL
1 tablet	Ondansetron <b>ODT</b> >3 years of age	4 mg	4 mg tablet
10 mL	Sodium Bicarbonate <b>IV BHO</b>	10 mEq	50 mEq/50 mL

- Neonates involve base physician.
- To assure accuracy, be sure the designated **concentration** of medication is used.
- \* Volume rounded for ease of administration
- ◇ Antiarrhythmic dosing for stable VT per BHPO

SUBJECT: PEDIATRIC TREATMENT PROTOCOL  
ALS PEDIATRIC (<15) DRUG CHART

Date 07/01/2021

**LBRT Color:**

**WHITE**

**Age Range:**

**4-5 years**

**Weight Range:**

**15-18 kg**

**Approximate kg:**

**15 kg**

**Approximate lbs:**

**30 lbs**

**NG tube size:**

**10 Fr**

(or clinically equivalent biphasic energy dose)

	1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>
<b>Defib:</b>	<b>30 J</b>	<b>60 J</b>	<b>60 J</b>
<b>Cardiovert:</b>	<b>15 J</b>	<b>30 J</b>	<b>30 J</b>

<b>Normal vital signs</b>	<b>HR: 80-130</b>	<b>RR: 20-30</b>	<b>SBP: &gt;75 mmHg</b>
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VOL	MEDICATION	DOSE	CONCENTRATION
22 mL	Acetaminophen <b>IV</b> (≥2 years of age)	220 mg	1 gm/100 mL
0.5 mL	Adenosine <b>IV fast 1<sup>st</sup></b>	1.5 mg	6 mg/2 mL
1 mL	Adenosine <b>IV fast 2<sup>nd</sup>/3<sup>rd</sup></b>	3 mg	6 mg/2 mL
6 mL	Albuterol <b>Nebulized</b>	5 mg	2.5 mg/3 mL
1.5 mL <sup>◇</sup>	Amiodarone ( <b>VF/pulseless VT</b> ) <b>IV/IO</b>	75 mg	150 mg/3mL
3 mL	Atropine ( <b>Bradycardia</b> ) <b>IV/IO</b>	0.3 mg	1 mg/10 mL
0.8 mL	Atropine ( <b>OPP</b> ) <b>IV/IM</b>	0.3 mg	8 mg/20 mL
3 mL	Calcium Chloride <b>IV/IO</b>	300 mg	1 gm/20 mL
70 mL*	Charcoal <b>PO</b>	15 gm	50 gm/240 mL
75 mL	Dextrose <b>10% IV</b>	7.5 gm	25 gm/250 mL
0.3 mL	Diphenhydramine <b>IV/IM</b>	15 mg	50 mg/1 mL
0.2 mL*	Epinephrine <b>IM</b>	0.15 mg	<b>1:1,000</b> 1 mg/1 mL
1.5 mL	Epinephrine ( <b>Cardiac Arrest</b> ) <b>IV/IO</b>	0.15 mg	<b>1:10,000</b> 1 mg/10 mL
1 mL	Epinephrine ( <b>Push-Dose</b> ) <b>IV slow/IO</b>	0.01 mg	<b>1:100,000</b> 0.1 mg/10 mL
5 mL	Epinephrine <b>Nebulized</b>	5 mg	<b>1:1,000</b> 1 mg/1 mL
0.5 mL	Fentanyl <b>IN</b>	25 mcg	100 mcg/2 mL
0.3 mL	Fentanyl <b>IV</b>	15 mcg	100 mcg/2 mL
0.8 mL*	Glucagon <b>IM</b>	0.75 mg	1 unit (mg)/1 mL
2.5 mL	Ipratropium Bromide <b>Nebulized</b>	0.5 mg	0.5 mg/2.5 mL
0.8 mL <sup>◇</sup>	Lidocaine <b>2% IV slow/IO</b>	15 mg	100 mg/5 mL
0.6 mL	Midazolam <b>IN/IM</b>	3 mg	5 mg/1 mL
0.3 mL	Midazolam <b>IV slow</b>	1.5 mg	5 mg/1 mL
0.2 mL*	Morphine Sulfate <b>IV/IM</b>	1.5 mg	10 mg/1 mL
1.5 mL	Naloxone <b>IN/IM/IV</b>	1.5 mg	2 mg/2 mL
15 mL	Naloxone <b>IV titrated increments</b>	1.5 mg	Diluted to 1 mg/10 mL
300 mL	Normal Saline Fluid Bolus		Standard
1 mL	Ondansetron <b>IM/IV</b> 6 months - 3 years	2 mg	4 mg/2 mL
½ tablet	Ondansetron <b>ODT</b> 6 months - 3 years	2 mg	4 mg tablet
2 mL	Ondansetron <b>IM/IV</b> >3 years of age	4 mg	4 mg/2 mL
1 tablet	Ondansetron <b>ODT</b> >3 years of age	4 mg	4 mg tablet
15 mL	Sodium Bicarbonate <b>IV BHO</b>	15 mEq	50 mEq/50 mL

- To assure accuracy be sure the designated **concentration** of medication is used.
- \* Volume rounded for ease of administration
- ◇ Antiarrhythmic dosing for stable VT per BHPO

LBRT Color:

**BLUE**

**Age Range:**

**6-8 years**

**Weight Range:**

**19-23 kg**

**Approximate kg:**

**20 kg**

**Approximate lbs:**

**40 lbs**

**NG tube size:**

**12-14 Fr**

	<u>1<sup>st</sup></u>	<u>2<sup>nd</sup></u>	<u>3<sup>rd</sup></u>
<b>Defib:</b>	<b>40 J</b>	<b>80 J</b>	<b>80 J</b>
<b>Cardiovert:</b>	<b>20 J</b>	<b>40 J</b>	<b>40 J</b>

(or clinically equivalent biphasic energy dose)

<b>Normal vital signs</b>	<b>HR: 70-120</b>	<b>RR: 15-30</b>	<b>SBP: &gt;80 mmHg</b>
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VOL	MEDICATION	DOSE	CONCENTRATION
30 mL	Acetaminophen <b>IV</b>	300 mg	1 gm/100 mL
0.7 mL*	Adenosine <b>IV fast 1<sup>st</sup></b>	2 mg	6 mg/2 mL
1.3 mL*	Adenosine <b>IV fast 2<sup>nd</sup>/3<sup>rd</sup></b>	4 mg	6 mg/2 mL
6 mL	Albuterol <b>Nebulized</b>	5 mg	2.5 mg/3 mL
2 mL <sup>◇</sup>	Amiodarone ( <b>VF/pulseless VT</b> ) <b>IV/IO</b>	100 mg	150 mg/3 mL
4 mL	Atropine ( <b>Bradycardia</b> ) <b>IV</b>	0.4 mg	1 mg/10 mL
1 mL	Atropine ( <b>OPP</b> ) <b>IV/IM</b>	0.4 mg	8 mg/20 mL
4 mL	Calcium Chloride <b>IV/IO</b>	400 mg	1 gm/10 mL
100 mL*	Charcoal <b>PO</b>	20 gm	50 gm/240 mL
100 mL	Dextrose <b>10% IV</b>	10 gm	25 gm/250 mL
0.4 mL	Diphenhydramine <b>IV/IM</b>	20 mg	50 mg/1 mL
0.2 mL	Epinephrine <b>IM</b>	0.2 mg	<b>1:1,000</b> 1 mg/1 mL
2 mL	Epinephrine ( <b>Cardiac Arrest</b> ) <b>IV/IO</b>	0.2 mg	<b>1:10,000</b> 1 mg/10 mL
1 mL	Epinephrine ( <b>Push-Dose</b> ) <b>IV slow/IO</b>	0.01 mg	<b>1:100,000</b> 0.1 mg/10 mL
5 mL	Epinephrine <b>Nebulized</b>	5 mg	<b>1:1,000</b> 1 mg/1 mL
0.6 mL	Fentanyl <b>IN</b>	30 mcg	100 mcg/2 mL
0.4 mL	Fentanyl <b>IV</b>	20 mcg	100 mcg/2 mL
1 mL	Glucagon <b>IM</b>	1 mg	1 unit (mg)/1 mL
2.5 mL	Ipratropium Bromide <b>Nebulized</b>	0.5 mg	0.5 mg/2.5 mL
1 mL <sup>◇</sup>	Lidocaine <b>2% IV slow/IO</b>	20 mg	100 mg/5 mL
0.8 mL	Midazolam <b>IN/IM</b>	4 mg	5 mg/1 mL
0.4 mL	Midazolam <b>IV slow</b>	2 mg	5 mg/1 mL
0.2 mL	Morphine Sulfate <b>IV/IM</b>	2 mg	10 mg/1 mL
2 mL	Naloxone <b>IN/IM/IV</b>	2 mg	2 mg/2 mL
20 mL	Naloxone <b>IV titrated increments</b>	2 mg	Diluted to 1 mg/10 mL
400 mL	Normal Saline Fluid Bolus		Standard
2 mL	Ondansetron <b>IM/IV</b> >3 years of age	4 mg	4 mg/2 mL
1 tablet	Ondansetron <b>ODT</b> >3 years of age	4 mg	4 mg tablet
20 mL	Sodium Bicarbonate <b>IV BHO</b>	20 mEq	50 mEq/50 mL

- To assure accuracy be sure the designated **concentration** of medication is used.
- \* Volume rounded for ease of administration
- ◇ Antiarrhythmic dosing for stable VT per BHPO

LBRT Color:

**ORANGE**

**Age Range:**

**8-10 years**

**Weight Range:**

**24-29 kg**

**Approximate kg:**

**25 kg**

**Approximate lbs:**

**50 lbs**

**NG tube size:**

**14-18 Fr**

	<u>1<sup>st</sup></u>	<u>2<sup>nd</sup></u>	<u>3<sup>rd</sup></u>
<b>Defib:</b>	<b>50 J</b>	<b>100 J</b>	<b>100 J</b>
<b>Cardiovert:</b>	<b>25 J</b>	<b>50 J</b>	<b>50 J</b>

(or clinically equivalent biphasic energy dose)

<b>Normal vital signs</b>	<b>HR: 70-110</b>	<b>RR: 15-30</b>	<b>SBP: &gt;85 mmHg</b>
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VOL	MEDICATION	DOSE	CONCENTRATION
37 mL	Acetaminophen <b>IV</b>	370 mg	1 gm/100 mL
0.8 mL*	Adenosine <b>IV fast 1<sup>st</sup></b>	2.5 mg	6 mg/2 mL
1.7 mL*	Adenosine <b>IV fast 2<sup>nd</sup>/3<sup>rd</sup></b>	5 mg	6 mg/2 mL
6 mL	Albuterol <b>Nebulized</b>	5 mg	2.5 mg/3 mL
2.5 mL <sup>◇</sup>	Amiodarone ( <b>VF/pulseless VT</b> ) <b>IV/IO</b>	125 mg	150 mg/3 mL
5 mL	Atropine ( <b>Bradycardia</b> ) <b>IV/IO</b>	0.5 mg	1 mg/10 mL
1.3 mL*	Atropine ( <b>OPP</b> ) <b>IV/IM</b>	0.5 mg	8 mg/20 mL
5 mL	Calcium Chloride <b>IV/IO</b>	500 mg	1 gm/10 mL
120 mL	Charcoal <b>PO</b>	25 gm	50 gm/240 mL
125 mL	Dextrose <b>10% IV</b>	12.5 gm	25 gm/250 mL
0.5 mL	Diphenhydramine <b>IV/IM</b>	25 mg	50 mg/1 mL
0.25 mL	Epinephrine <b>IM</b>	0.25 mg	<b>1:1,000</b> 1 mg/1 mL
2.5 mL	Epinephrine ( <b>Cardiac Arrest</b> ) <b>IV/IO</b>	0.25 mg	<b>1:10,000</b> 1 mg/10 mL
1 mL	Epinephrine ( <b>Push-Dose</b> ) <b>IV slow/IO</b>	0.01 mg	<b>1:100,000</b> 0.1 mg/10 mL
5 mL	Epinephrine <b>Nebulized</b>	5 mg	<b>1:1,000</b> 1 mg/1 mL
0.7 mL	Fentanyl <b>IN</b>	35 mcg	100 mcg/2 mL
0.5 mL	Fentanyl <b>IV</b>	25 mcg	100 mcg/2 mL
1 mL	Glucagon <b>IM</b>	1 mg	1 unit (mg)/1 mL
2.5 mL	Ipratropium Bromide <b>Nebulized</b>	0.5 mg	0.5 mg/2.5 mL
1.3 mL <sup>*,◇</sup>	Lidocaine <b>2% IV slow/IO</b>	25 mg	100 mg/5 mL
1 mL	Midazolam <b>IN/IM</b>	5 mg	5 mg/1 mL
0.5 mL	Midazolam <b>IV slow</b>	2.5 mg	5 mg/1 mL
0.3 mL*	Morphine Sulfate <b>IV/IM</b>	2.5 mg	10 mg/1 mL
2 mL	Naloxone <b>IN/IM/IV</b>	2 mg	2 mg/2 mL
20 mL	Naloxone <b>IV titrated increments</b>	2 mg	Diluted to 1 mg/10 mL
500 mL	Normal Saline Fluid Bolus		Standard
2 mL	Ondansetron <b>IM/IV</b> >3 years of age	4 mg	4 mg/2 mL
1 tablet	Ondansetron <b>ODT</b> >3 years of age	4 mg	4 mg tablet
25 mL	Sodium Bicarbonate <b>IV</b> <b>BHO</b>	25 mEq	50 mEq/50 mL

- To assure accuracy be sure the designated **concentration** of medication is used.
- \* Volume rounded for ease of administration
- ◇ Antiarrhythmic dosing for stable VT per BHPO

LBRT Color:

**GREEN**

**Age Range:**

**10-12 years**

**Weight Range:**

**30-36 kg**

**Approximate kg:**

**35 kg**

**Approximate lbs:**

**70 lbs**

**NG tube size:**

**18 Fr**

Defib:	<u>1<sup>st</sup></u> 70 J	<u>2<sup>nd</sup></u> 140 J	<u>3<sup>rd</sup></u> 140 J
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Cardiovert:	35 J	70 J	70 J
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(or clinically equivalent biphasic energy dose)

Normal vital signs	HR: 60-100	RR: 15-20	SBP: >90 mmHg
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VOL	MEDICATION	DOSE	CONCENTRATION
52 mL	Acetaminophen <b>IV</b>	520 mg	1 gm/100 mL
1.2 mL*	Adenosine <b>IV fast 1<sup>st</sup></b>	3.5 mg	6 mg/2 mL
2.3 mL*	Adenosine <b>IV fast 2<sup>nd</sup>/3<sup>rd</sup></b>	7 mg	6 mg/2 mL
6 mL	Albuterol <b>Nebulized</b>	5 mg	2.5 mg/3 mL
3 mL <sup>◇</sup>	Amiodarone ( <b>VF/pulseless VT</b> ) <b>IV/IO</b>	150 mg	150 mg/3 mL
5 mL	Atropine ( <b>Bradycardia</b> ) <b>IV/IO</b>	0.5 mg	1 mg/10 mL
1.8 mL*	Atropine ( <b>OPP</b> ) <b>IV/IM</b>	0.7 mg	8 mg/20 mL
5 mL <sup>‡</sup>	Calcium Chloride <b>IV/IO</b>	500 mg	1 gm/10 mL
170 mL*	Charcoal <b>PO</b>	35 gm	50 gm/240 mL
175 mL	Dextrose <b>10% IV</b>	17.5 gm	25 gm/250 mL
0.7 mL	Diphenhydramine <b>IV/IM</b>	35 mg	50 mg/1 mL
0.3 mL	Epinephrine <b>IM</b>	0.3 mg	<b>1:1,000</b> 1 mg/1 mL
3.5 mL	Epinephrine ( <b>Cardiac Arrest</b> ) <b>IV/IO</b>	0.35 mg	<b>1:10,000</b> 1 mg/10 mL
1 mL	Epinephrine ( <b>Push-Dose</b> ) <b>IV slow/IO</b>	0.01 mg	<b>1:100,000</b> 0.1 mg/10 mL
5 mL	Epinephrine <b>Nebulized</b>	5 mg	<b>1:1,000</b> 1 mg/1 mL
1.0 mL	Fentanyl <b>IN</b>	50 mcg	100 mcg/2 mL
0.7 mL	Fentanyl <b>IV</b>	35 mcg	100 mcg/2 mL
1 mL	Glucagon <b>IM</b>	1 mg	1 unit (mg)/1 mL
2.5 mL	Ipratropium Bromide <b>Nebulized</b>	0.5 mg	0.5 mg/2.5 mL
1.8 mL* <sup>◇</sup>	Lidocaine <b>2% IV slow/IO</b>	35 mg	100 mg/5 mL
1 mL	Midazolam <b>IN/IM</b>	5 mg	5 mg/1 mL
0.7 mL	Midazolam <b>IV slow</b>	3.5 mg	5 mg/1 mL
0.4 mL	Morphine Sulfate <b>IV/IM</b>	3.5 mg	10 mg/1 mL
2 mL	Naloxone <b>IN/IM/IV</b>	2 mg	2 mg/2 mL
20 mL	Naloxone <b>IV titrated increments</b>	2 mg	Diluted to 1 mg/10 mL
500 mL	Normal Saline Fluid Bolus		Standard
2 mL	Ondansetron <b>IM/IV</b> >3 years of age	4 mg	4 mg/2 mL
1 tablet	Ondansetron <b>ODT</b> >3 years of age	4 mg	4 mg tablet
35 mL	Sodium Bicarbonate <b>IV</b> <b>BHO</b>	35 mEq	50 mEq/50 mL

- To assure accuracy be sure the designated **concentration** of medication is used.
- \* Volume rounded for ease of administration
- ◇ Antiarrhythmic dosing for stable VT per BHPO

Length Exceeds LBRT

**TURQUOISE**

**Pediatric patients up to age 15 who are longer than the LBRT are treated with adult doses.**

Approximate kg: >36 kg Defib and cardioversion:  
Approximate lbs: >70 lbs Energy dose per manufacturer's guidelines  
NG tube size: 18 Fr

Normal vital signs	HR: 60-100	RR: 15-20	SBP: >90 mmHg
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VOL	MEDICATION	DOSE	CONCENTRATION
100 mL	Acetaminophen <b>IV</b>	1,000 mg	1 gm/100 mL
2 mL	Adenosine <b>IV fast 1<sup>st</sup></b>	6 mg	6 mg/2 mL
4 mL	Adenosine <b>IV fast 2<sup>nd</sup>/3<sup>rd</sup></b>	12 mg	6 mg/2 mL
6 mL	Albuterol <b>Nebulized</b>	5 mg	2.5 mg/3 mL
6 mL <sup>◇</sup>	Amiodarone ( <b>VF/Pulseless VT</b> ) <b>IV/IO</b>	300 mg	150 mg/3 mL
5 mL	Atropine ( <b>Bradycardia</b> ) <b>IV/IO</b>	0.5 mg	1 mg/10 mL
5 mL	Atropine ( <b>OPP</b> ) <b>IV/IM</b>	2 mg	8 mg/20 mL
5 mL	Calcium Chloride <b>IV/IO</b>	500 mg	1 gm/10 mL
240 mL	Charcoal <b>PO</b>	50 gm	50 gm/240 mL
250 mL	Dextrose <b>10% IV</b>	25 gm	25 gm/250 mL
1mL	Diphenhydramine <b>IV/IM</b>	50 mg	50 mg/1 mL
0.3 mL	Epinephrine <b>IM</b>	0.3 mg	<b>1:1,000</b> 1 mg/1 mL
10 mL	Epinephrine ( <b>Cardiac Arrest</b> ) <b>IV/IO</b>	1 mg	<b>1:10,000</b> 1 mg/10 mL
1 mL	Epinephrine ( <b>Push-Dose</b> ) <b>IV slow/IO</b>	0.01 mg	<b>1:100,000</b> 0.1 mg/10 mL
5 mL	Epinephrine <b>Nebulized</b>	5 mg	<b>1:1,000</b> 1 mg/1 mL
1 mL	Fentanyl <b>IN</b>	50 mcg*	100 mcg/2 mL
2 mL	Fentanyl <b>IV</b>	100 mcg*	100 mcg/2 mL
1 mL	Glucagon <b>IM</b>	1 mg	1 unit (mg)/1 mL
2.5 mL	Ipratropium Bromide <b>Nebulized</b>	0.5 mg	0.5 mg/2.5 mL
‡,◇	Lidocaine <b>2% IV slow/IO</b>	‡	100 mg/5 mL
1 mL	Midazolam <b>IN/IM/IV</b>	5 mg	5 mg/1 mL
‡	Morphine Sulfate <b>IV/IM</b>	‡	10 mg/1 mL
2 mL	Naloxone <b>IN/IM/IV</b>	2 mg	2 mg/2 mL
20 mL	Naloxone <b>IV titrated increments</b>	2 mg	Diluted to 1 mg/10 mL
500 mL	Normal Saline Fluid Bolus		Standard
2 mL	Ondansetron <b>IM/IV</b>	4 mg	4 mg/2 mL
1 tablet	Ondansetron <b>ODT</b>	4 mg	4 mg tablet
‡	Sodium Bicarbonate <b>IV</b> <b>BHO</b>	‡	50 mEq/50 mL

- To assure accuracy be sure the designated **concentration** of medication is used.
- Ketamine only for 15 years of age or older
- \* First dose of fentanyl up to 100mcg IV or 50 mcg IN
- ‡ Administer appropriate adult weight-based medication dosages
- ◇ Antiarrhythmic dosing for stable VT per BHPO