



Color Code Drug Doses

L.A. County Kids



3 Kg	Normal Vital Signs Heart Rate 100-160 Respirations 30-60 B/P Systolic >60	ACLS Drugs--Initial Dose Adenosine 0.3mg Calcium Chloride 60mg Epinephrine 1:10,000 0.03mg Amiodarone 15mg Sodium Bicarbonate 3mEq	Medication Albuterol HHN 2.5mg Dextrose 25% slow IV 6mL Midazolam IV/IM/IN 0.3mg Diphenhydramine* 3mg Epinephrine 1:1,000 IM 0.03mg Glucagon IM 1mg Morphine Sulfate* 0.3mg Naloxone IV/IM/IN 0.3mg Normal Saline IV Bolus 60mL	Grey
	Defibrillation Cardioversion 3 Joules 6 Joules 6 Joules Defibrillation 6 Joules 12 Joules 12 Joules	Dopamine (400mg/5mL) Add 18mg (0.2mL) to a 100mL bag of NS. Start at 10mcg/minute. Titrate to signs of adequate perfusion or maximum of 20mcg/minute.	* IV or IM	

4 Kg	Normal Vital Signs Heart Rate 100-160 Respirations 30-60 B/P Systolic >60	ACLS Drugs--Initial Dose Adenosine 0.4mg Calcium Chloride 80mg Epinephrine 1:10,000 0.04mg Amiodarone 20mg Sodium Bicarbonate 4mEq	Medication Albuterol HHN 2.5mg Dextrose 25% slow IV 8mL Midazolam IV/IM/IN 0.4mg Diphenhydramine* 4mg Epinephrine 1:1,000 IM 0.04mg Glucagon IM 1mg Morphine Sulfate* 0.4mg Naloxone IV/IM/IN 0.4mg Normal Saline IV Bolus 80mL	Grey
	Defibrillation Cardioversion 4 Joules 8 Joules 8 Joules Defibrillation 8 Joules 16 Joules 16 Joules	Dopamine (400mg/5mL) Add 24mg (0.3mL) to a 100mL bag of NS. Start at 10mcg/minute. Titrate to signs of adequate perfusion or maximum of 20mcg/minute.	* IV or IM	

5Kg	Normal Vital Signs Heart Rate 100-160 Respirations 30-60 B/P Systolic >60	ACLS Drugs--Initial Dose Adenosine 0.5mg Calcium Chloride 100mg Epinephrine 1:10,000 0.05mg Amiodarone 25mg Sodium Bicarbonate 5mEq	Medication Albuterol HHN 2.5mg Dextrose 25% slow IV 10mL Midazolam IV/IM/IN 0.5mg Diphenhydramine* 5mg Epinephrine 1:1,000 IM 0.05mg Glucagon IM 1mg Morphine Sulfate* 0.5mg Naloxone IV/IM/IN 0.5mg Normal Saline IV Bolus 100mL	Grey
	Defibrillation Cardioversion 5 Joules 10 Joules 10 Joules Defibrillation 10 Joules 20 Joules 20 Joules	Dopamine (400mg/5mL) Add 30mg (0.4mL) to a 100mL bag of NS. Start at 10mcg/minute. Titrate to signs of adequate perfusion or maximum of 20mcg/minute.	* IV or IM	

Based on: American Academy of Pediatrics PEPP- 2006, Pediatric Advanced Life Support Provider Manual 2006, Broselow™ Pediatric Emergency Tape 2007 Edition B



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Weight 6-7 Kg (Avg 6.5 Kg)			
Length 59.5-66.5	Normal Vital Signs Heart Rate 100-160 Respirations 30-60 B/P Systolic >70	ACLS Drugs--Initial Dose Adenosine 0.65mg Calcium Chloride 130mg Epinephrine 1:10,000 0.065mg Amiodarone 32mg Sodium Bicarbonate 6mEq	Pink (3-6 months)
	Defibrillation Cardioversion 7 Joules 14 Joules 14 Joules Defibrillation 13 Joules 26 Joules 26 Joules	Dopamine (400mg/5mL) Add 40mg (0.5mL) to a 100mL bag of NS. Start at 10mcg/minute. Titrate to signs of adequate perfusion or maximum of 20mcg/minute.	
		Medication Albuterol HHN 2.5mg Atropine IV 0.13mg Dextrose 25% slow IV 13mL Midazolam IV/IM/IN 0.6mg Diphenhydramine * 6mg Epinephrine 1:1,000 IM 0.065mg Glucagon IM 1mg Morphine Sulfate* 0.6mg Naloxone IV/IM/IN 0.6mg NS IV Bolus 130mL * IV or IM	

Weight 8-9 Kg (Avg 8.5 Kg)			
Length 66.5-74 cm	Normal Vital Signs Heart Rate 100-160 Respirations 30-60 B/P Systolic >70	ACLS Drugs--Initial Dose Adenosine 0.85mg Calcium Chloride 170mg Epinephrine 1:10,000 0.085mg Amiodarone 42mg Sodium Bicarbonate 8mEq	Red (7-10 months)
	Defibrillation Cardioversion 9 Joules 17 Joules 17 Joules Defibrillation 17 Joules 34 Joules 34 Joules	Dopamine (400mg/5mL) Add 50mg (0.6mL) to a 100mL bag of NS. Start at 10mcg/minute. Titrate to signs of adequate perfusion or maximum of 20mcg/minute.	
		Medication Albuterol HHN 2.5mg Atropine IV 0.17mg Dextrose 25% slow IV 17mL Midazolam IV/IM/IN 0.8mg Diphenhydramine * 8mg Epinephrine 1:1,000 IM 0.085mg Glucagon IM 1mg Morphine Sulfate* 0.8mg Naloxone IV/IM/IN 0.8mg NS IV Bolus 170mL * IV or IM	



Color Code Drug Doses

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Weight 10-11 Kg (Avg 10.5 Kg)			
Length 74-84.5 cm	Normal Vital Signs	ACLS Drugs--Initial	Medication
	Heart Rate 90-150 Respirations 24-40 B/P Systolic >70	Dose Adenosine 1mg Calcium Chloride 210mg Epinephrine 1:10,000 0.1mg Amiodarone 52mg Sodium Bicarbonate 10.5mEq	Albuterol HHN 5mg Atropine IV 0.21mg Dextrose 25% slow IV 20mL Midazolam IV/IM/IN 1mg Diphenhydramine * 10mg Epinephrine 1:1,000 IM 0.1mg Glucagon IM 1mg Morphine Sulfate* 1mg Naloxone IV/IM/IN 1mg NS IV Bolus 200mL
	Defibrillation	Dopamine (400mg/5mL)	* IV or IM
Cardioversion 10 Joules 20 Joules 20 Joules	Add 60mg (0.8mL) to a 100mL bag of NS. Start at 10mcg/minute. Titrate to signs of adequate perfusion or maximum of 20mcg/minute.		
Defibrillation 20 Joules 40 Joules 40 Joules			
Purple (11-18 months)			

Weight 12-14 Kg (Avg 13 Kg)			
Length 84.5-97.5 cm	Normal Vital Signs	ACLS Drugs--Initial Dose	Medication
	Heart Rate 90-150 Respirations 24-40 B/P Systolic >70	Adenosine 1.3mg Calcium Chloride 260mg Epinephrine 1:10,000 0.13mg Amiodarone 65mg Sodium Bicarbonate 13mEq	Albuterol HHN 5mg Atropine IV 0.26mg Dextrose 25% slow IV** 25mL Dextrose 50% slow IV** 13mL Midazolam IV/IM/IN 1.3mg Diphenhydramine * 13mg Epinephrine 1:1,000 IM 0.13mg Glucagon IM 1mg Morphine Sulfate* 1.3mg Naloxone IV/IM/IN 1.3mg NS IV Bolus 250mL
	Defibrillation	Dopamine (400mg/5mL)	* IV or IM
Cardioversion 13 Joules 26 Joules 26 Joules	Add 80mg (1mL) to a 100mL bag of NS. Start at 10mcg/minute. Titrate to signs of adequate perfusion or maximum of 20mcg/minute.	** D ₂₅ 0-2 years D ₅₀ > 2 years	
Defibrillation 26 Joules 52 Joules 52 Joules			
Yellow (19-35 months)			

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Weight 15-18 Kg (Avg 16.5 Kg)			
Length 97.5-110 cm	Normal Vital Signs	ACLS Drugs--Initial Dose	Medication
	Heart Rate 80-140 Respirations 22-34 B/P Systolic >75	Adenosine 1.7mg Calcium Chloride 330mg Epinephrine 1:10,000 0.17mg Amiodarone 80mg Sodium Bicarbonate 16.5mEq	Albuterol HHN 5mg Atropine IV 0.33mg Dextrose 50% slow IV 16mL Midazolam IV/IM/IN 1.6mg Diphenhydramine * 15mg Epinephrine 1:1,000 IM 0.17mg Glucagon IM 1mg Morphine Sulfate* 1.6mg Naloxone IV/IM/IN 1.6mg NS IV Bolus 300mL
	Defibrillation	Dopamine (400mg/5mL)	* IV or IM
	Cardioversion 17 Joules 33 Joules 33 Joules Defibrillation 33 Joules 66 Joules 66 Joules	Add 100mg (1.2mL) to a 100mL bag of NS. Start at 10mcgtt/minute. Titrate to signs of adequate perfusion or maximum of 20mcgtt/minute.	
			White (3-4 yrs)

Weight 19-22 Kg (Avg 20.75)			
Length 110-122 cm	Normal Vital Signs	ACLS Drugs--Initial Dose	Medication
	Heart Rate 70-120 Respirations 18-30 B/P Systolic >80	Adenosine 2mg Calcium Chloride 420 mg Epinephrine 1:10,000 0.2 mg Amiodarone 105 mg Sodium Bicarbonate 20 mEq	Albuterol HHN 5mg Atropine IV 0.42mg Dextrose 50% slow IV 20mL Midazolam IV/IM/IN 2mg Diphenhydramine * 20mg Epinephrine 1:1,000 IM 0.2mg Glucagon IM 1mg Morphine Sulfate* 2mg Naloxone IV/IM/IN 2mg NS IV Bolus 400mL
	Defibrillation	Dopamine (400mg/5mL)	* IV or IM
	Cardioversion 20 Joules 40 Joules 40 Joules Defibrillation 40 Joules 80 Joules 80 Joules	Add 125mg (1.6mL) to a 100mL bag of NS. Start at 10mcgtt/minute. Titrate to signs of adequate perfusion or maximum of 20mcgtt/minute.	
			Blue (5-6 yrs)



Color Code Drug Doses

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Weight 24-28 Kg (Avg 26 Kg)			
Length 122-137 cm	Normal Vital Signs Heart Rate 70-120 Respirations 18-30 B/P Systolic >80	ACLS Drugs--Initial Dose Adenosine 2.6mg Calcium Chloride 530mg Epinephrine 1:10,000 0.26mg Amiodarone 130mg Sodium Bicarbonate 26mEq	Orange (7-9 yrs)
	Defibrillation Cardioversion 27 Joules 53 Joules 53 Joules Defibrillation 52 Joules 104 Joules 104 Joules	Dopamine (400mg/5mL) Add 160mg (2mL) to a 100mL bag of NS. Start at 10mcg/tt/minute. Titrate to signs of adequate perfusion or maximum of 20mcg/tt/minute.	
		Medication Albuterol HHN 5mg Atropine IV 0.5mg Dextrose 50% slow IV 25mL Midazolam IV/IM/IN 2.5mg Diphenhydramine * 25mg Epinephrine 1:1,000 IM 0.26mg Glucagon IM 1mg Morphine Sulfate* 2.5mg Naloxone IV/IM/IN 2mg NS IV Bolus 500mL * IV or IM	

Weight 30-36 Kg (Avg 33 Kg)			
Length 137-150 cm	Normal Vital Signs Heart Rate 60-100 Respirations 12-16 B/P Systolic >90	ACLS Drugs--Initial Dose Adenosine 3.3mg Calcium Chloride 660mg Epinephrine 1:10,000 0.33mg Amiodarone 165mg Sodium Bicarbonate 33mEq	Green (10-12 yrs)
	Defibrillation Cardioversion 33 Joules 66 Joules 66 Joules Defibrillation 66 Joules 132 Joules 132 Joules	Dopamine (400mg/5mL) Add 200mg (2.5mL) to a 100mL bag of NS. Start at 10mcg/tt/minute. Titrate to signs of adequate perfusion or maximum of 20mcg/tt/minute.	
		Medication Albuterol HHN 5mg Atropine IV 0.5mg Dextrose 50% slow IV 30mL Midazolam IV/IM/IN 3 mg Diphenhydramine * 25mg Epinephrine 1:1,000 IM 0.3mg Glucagon IM 1mg Morphine Sulfate* 3mg Naloxone IV/IM/IN 2mg NS IV Bolus 500mL * IV or IM	

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