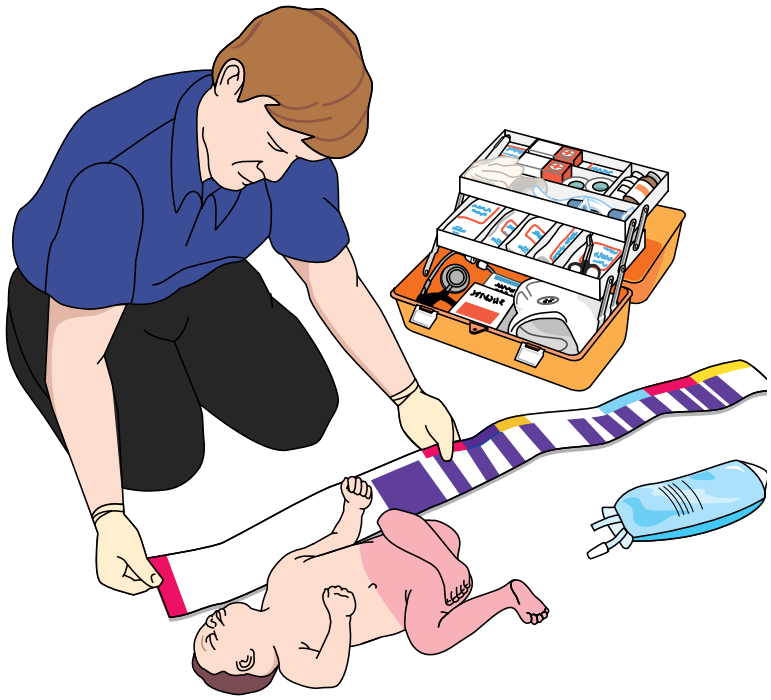
PROVIDENCE
Health & Services



Broselow Cart Manual

Tab 1 – Tele-PICU Resources

Tab 2 – PALS Algorithm

Tab 3 – ACLS Algorithm

Tab 4 – Emergency Pediatric Dosing Sheets

Tab 5 – Pediatric Anaphylaxis Sheets

Tab 6 – Medication Tray Contents

Tab 7 – Endotracheal Tube Guideline

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Tab 10 – Code Blue & Rapid Response Forms

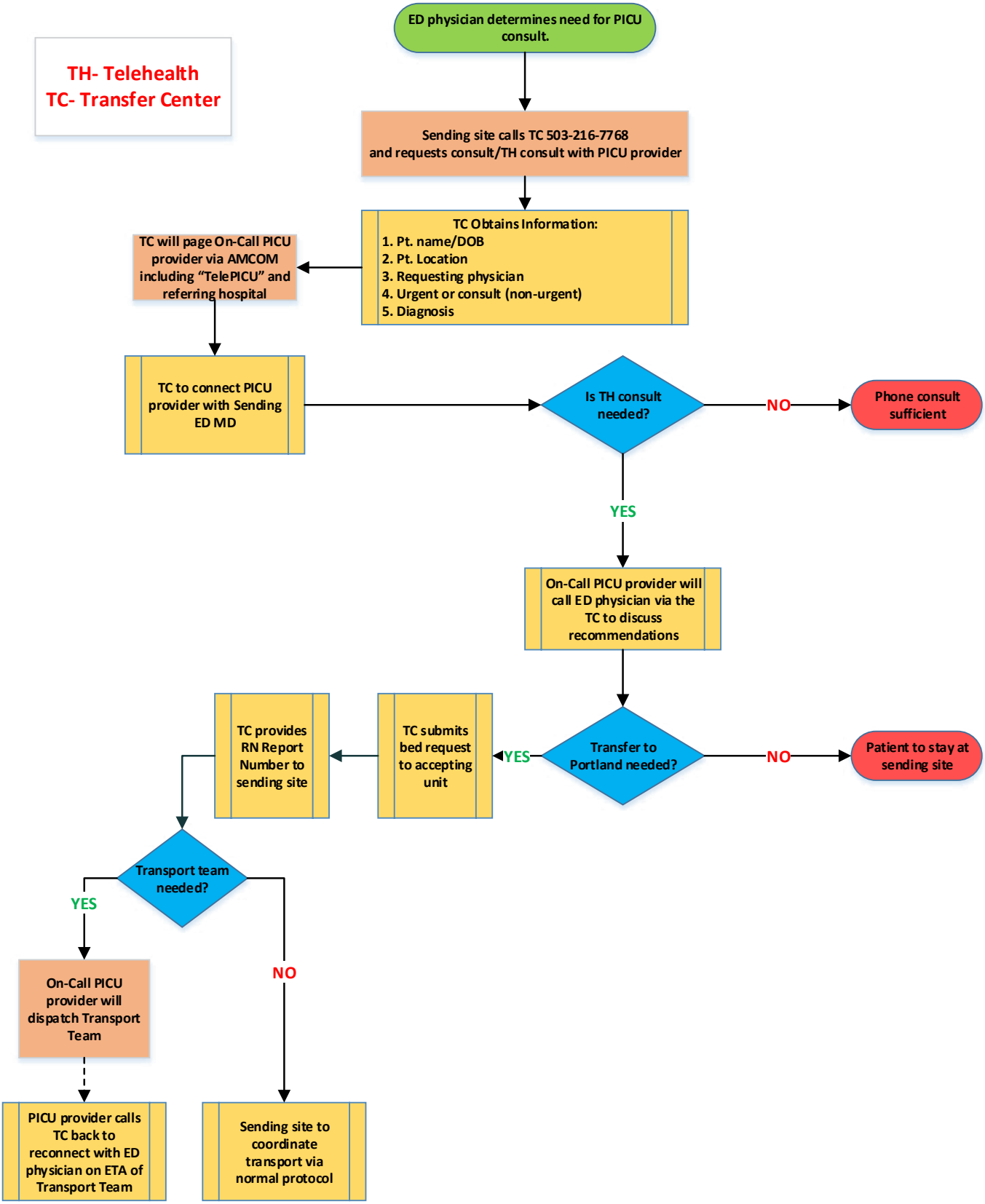
Tab 11 – Debriefing Forms

Tab 12 – Code Cart Daily & Weekly Checklists

Tab 13 – Stocking Checklists

PROVIDENCE Health & Services

PICU and Tele-PICU ED Consults:
Applies to all 8 Providence Oregon Ministries



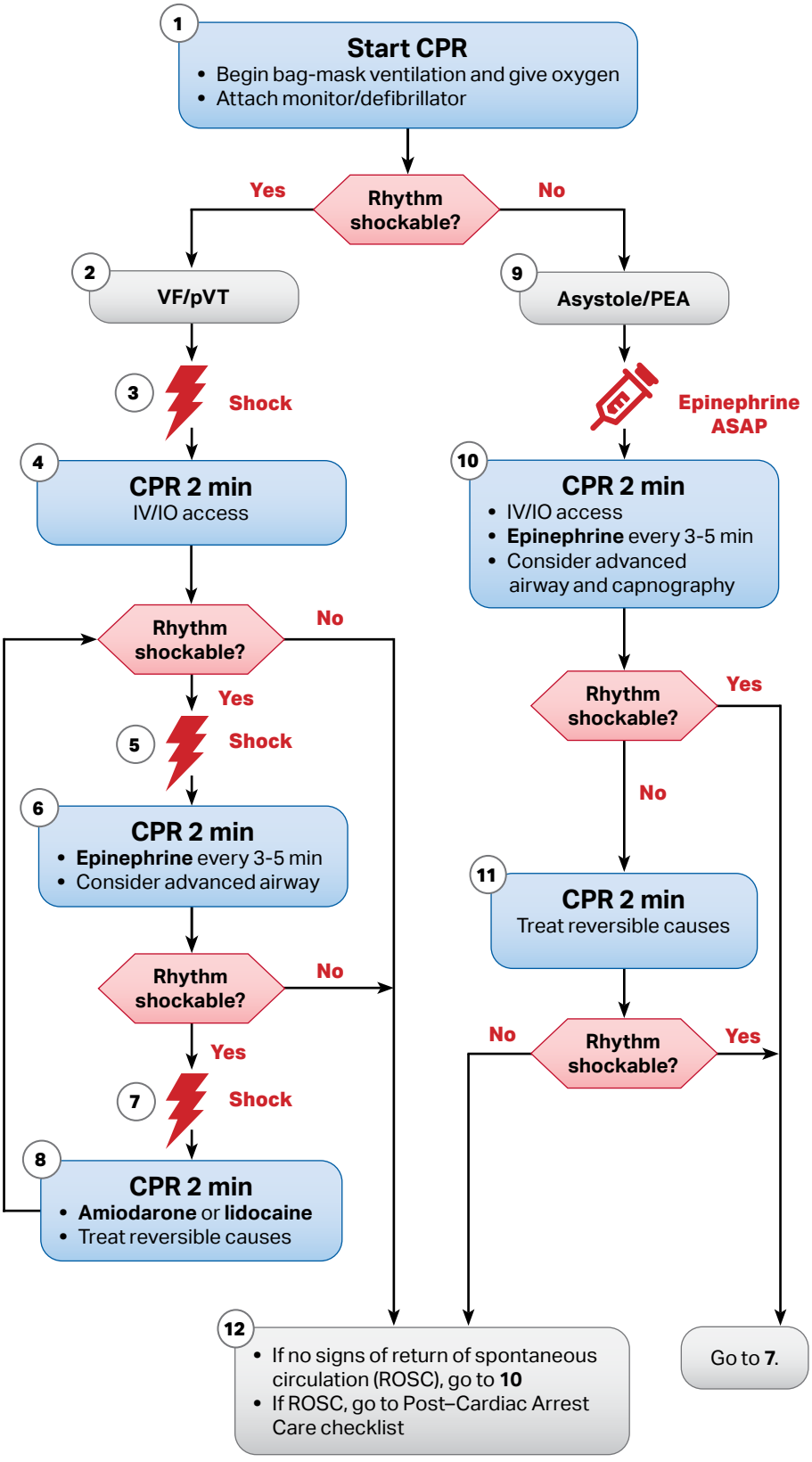
PREPARATION FOR & DURING TELE-CONSULTATIONS:

- **Prior to moving telehealth cart, ensure:**
  - It's set at lowest position
  - Telehealth stethoscope is present
  - Power cord, including any auxiliary devices attached to cart, are unplugged
  - Wheels are unlocked
- **Move cart to desired location (pushing with handle):**
  - Exercise caution when encountering thresholds
  - Place at foot of bed with clear view of patient
  - Lock wheels
  - Plug in power cord
- **Power on telehealth cart should always remain on:**
  - If unit is accidentally off, press power button once to turn unit on
  - Wait for self-testing to be performed (1-2 minutes)
  - Watch for Screensaver on Lite Display
  - Adjust height of head display as needed
- **Follow appropriate Tele-Consult Algorithm:**
  - Call Transfer Center (TC) 503-216-7768 to request Tele-Consult
  - Provides (TC) with required information:
    - Patient name and date of birth
    - Patient location
    - Requesting physician
    - Urgent or consult (non-urgent)
    - Chief Complaint/Diagnosis
  - Remain on the line until Tele-Provider has established connection via telehealth device with referring provider, adjusting volume as needed so all can hear clearly
  - Introduce self/patient/family to Tele-Provider
- **Operate stethoscope appropriately:**
  - Position self between stethoscope and telehealth cart (< 20 feet, no obstructions between both devices)
  - Turn stethoscope on by pressing and holding power button (code 911 to unlock)
  - Ask Tele-Provider to press "Start" once Bluetooth icon on stethoscope starts blinking
  - Watch for solid Bluetooth icon for auscultation to begin
  - Place stethoscope directly on patient skin for optimal audio quality and minimal artifact
  - Watch for "cursor mode" to see where Tele-Provider wants to listen with stethoscope

TROUBLESHOOTING & AFTER CONSULTATIONS:

- **Troubleshoot stethoscope issues:**
  - Device not connecting: Restart device and try to connect again.
  - Battery low: Install or change battery
  - Call Live Technical Support (877) 484-9119
- **After telehealth consultation:**
  - **Do NOT power off Telehealth cart unless instructed by Technical Support (turning off device will disable 24/7 patient care)**
  - Ensure patient and family's questions are answered
- **Use appropriate infection control techniques with stethoscope after usage:**
  - Make sure light is unplugged and main power is off prior to cleaning
  - Clean when visibly soiled and/or after contact with any contaminated surfaces
  - Use hospital disinfectant solution to wipe down contaminated surfaces
  - Clean monitor with LCD computer screen cleaner (to prevent craze, staining or discoloration)
  - Clean camera lens with optical lens cleaner

Pediatric Cardiac Arrest Algorithm



CPR Quality

- Push hard (≥⅓ of anteroposterior diameter of chest) and fast (100-120/min) and allow complete chest recoil
- Minimize interruptions in compressions
- Change compressor every 2 minutes, or sooner if fatigued
- If no advanced airway, 15:2 compression-ventilation ratio
- If advanced airway, provide continuous compressions and give a breath every 2-3 seconds

Shock Energy for Defibrillation

- First shock 2 J/kg
- Second shock 4 J/kg
- Subsequent shocks ≥4 J/kg, maximum 10 J/kg or adult dose

Drug Therapy

- **Epinephrine IV/IO dose:** 0.01 mg/kg (0.1 mL/kg of the 0.1 mg/mL concentration). Max dose 1 mg. Repeat every 3-5 minutes. If no IV/IO access, may give endotracheal dose: 0.1 mg/kg (0.1 mL/kg of the 1 mg/mL concentration).
- **Amiodarone IV/IO dose:** 5 mg/kg bolus during cardiac arrest. May repeat up to 3 total doses for refractory VF/pulseless VT
  or
  Lidocaine IV/IO dose: Initial: 1 mg/kg loading dose

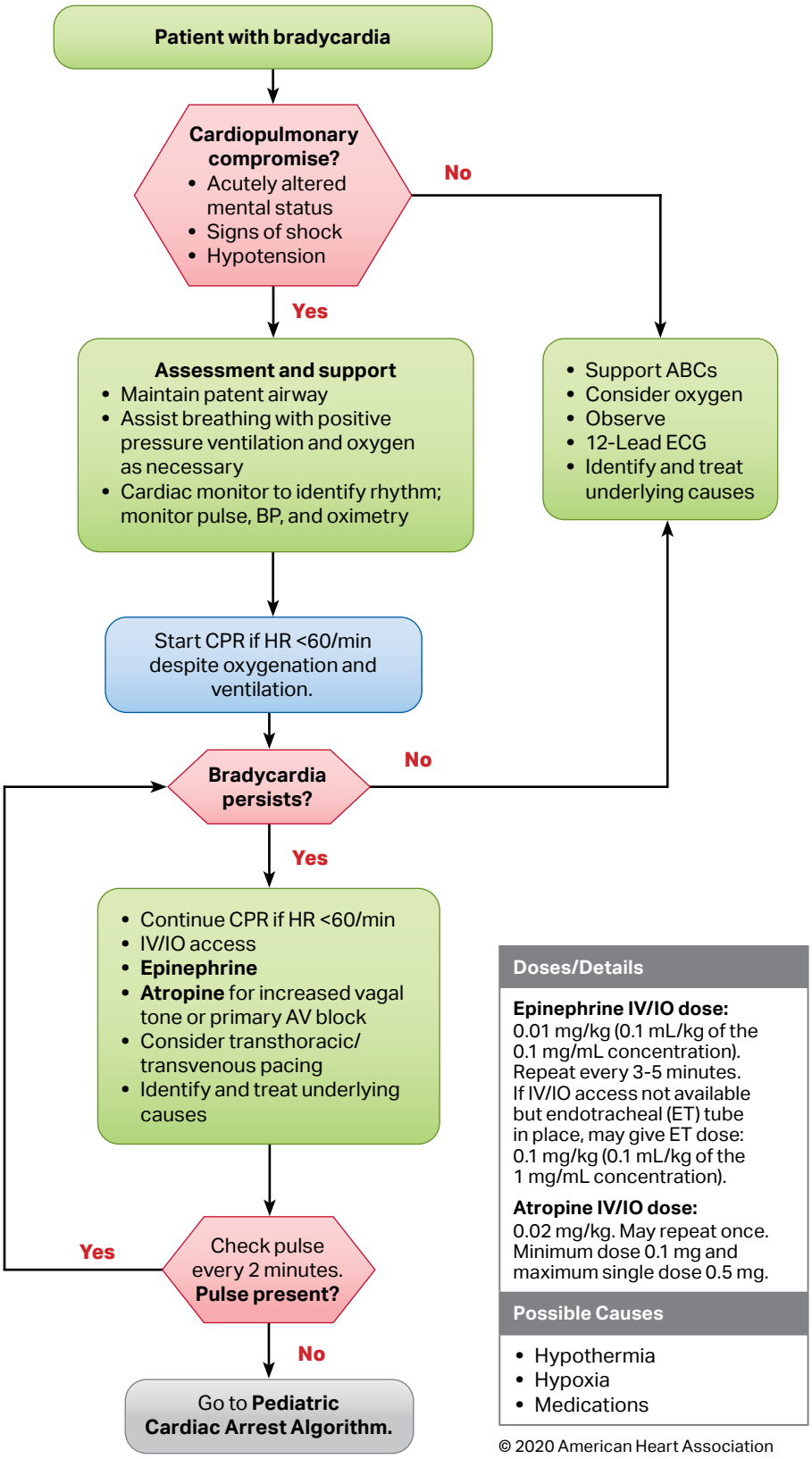
Advanced Airway

- Endotracheal intubation or supraglottic advanced airway
- Waveform capnography or capnometry to confirm and monitor ET tube placement

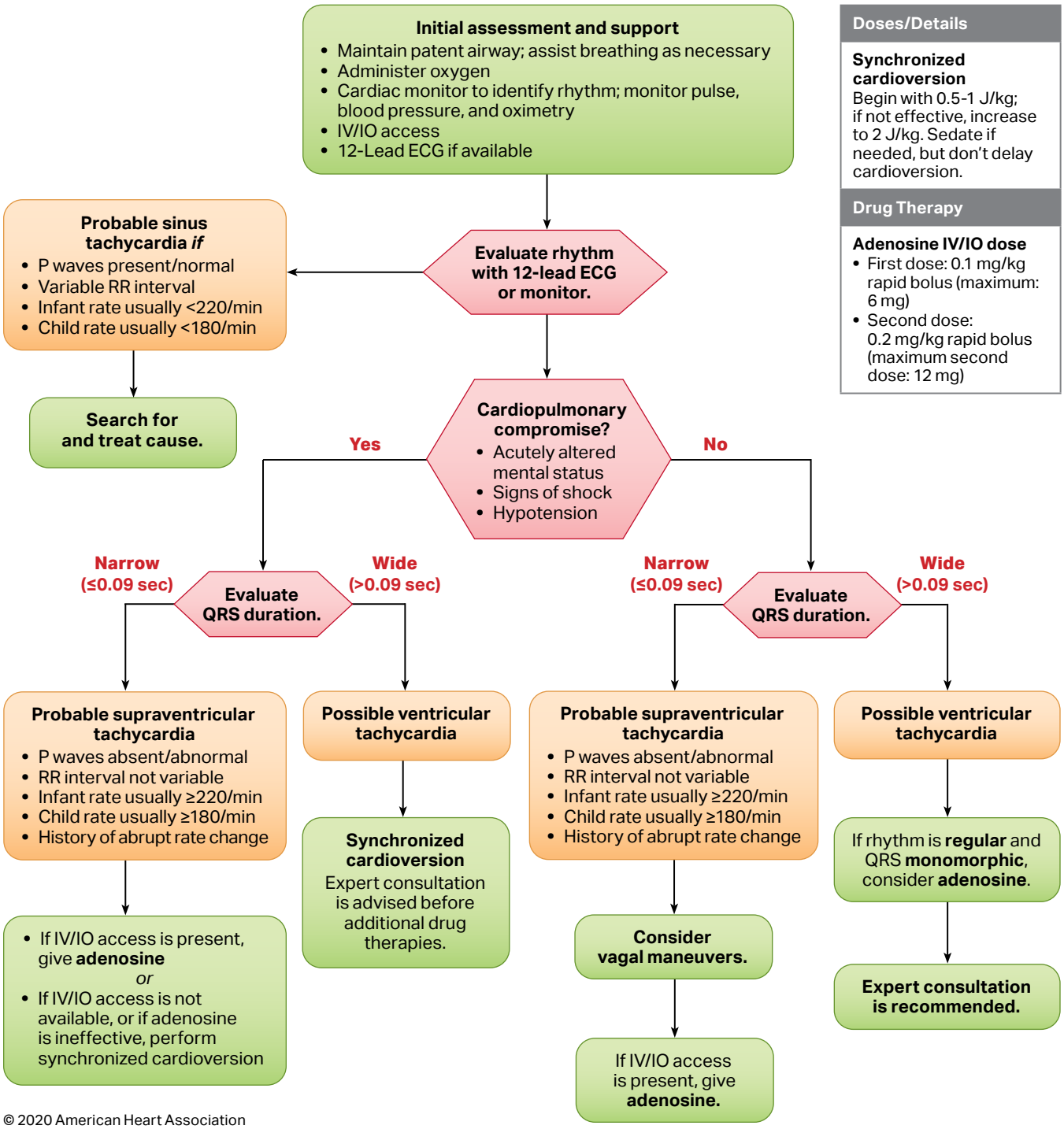
Reversible Causes

- **H**ypovolemia
- **H**ypoxia
- **H**ydrogen ion (acidosis)
- **H**ypoglycemia
- **H**ypo-/hyperkalemia
- **H**ypothermia
- **T**ension pneumothorax
- **T**amponade, cardiac
- **T**oxins
- **T**hrombosis, pulmonary
- **T**hrombosis, coronary

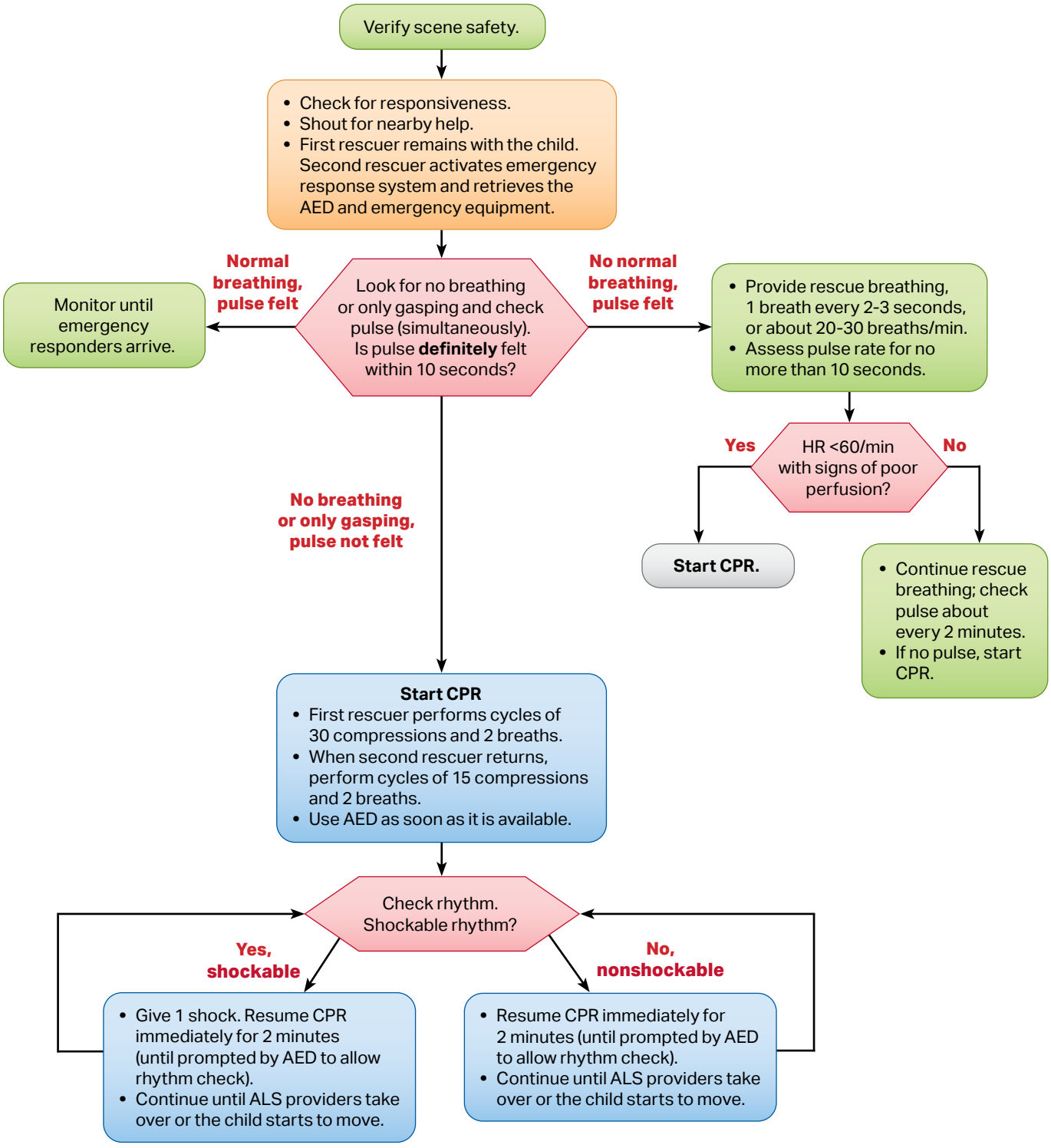
Pediatric Bradycardia With a Pulse Algorithm



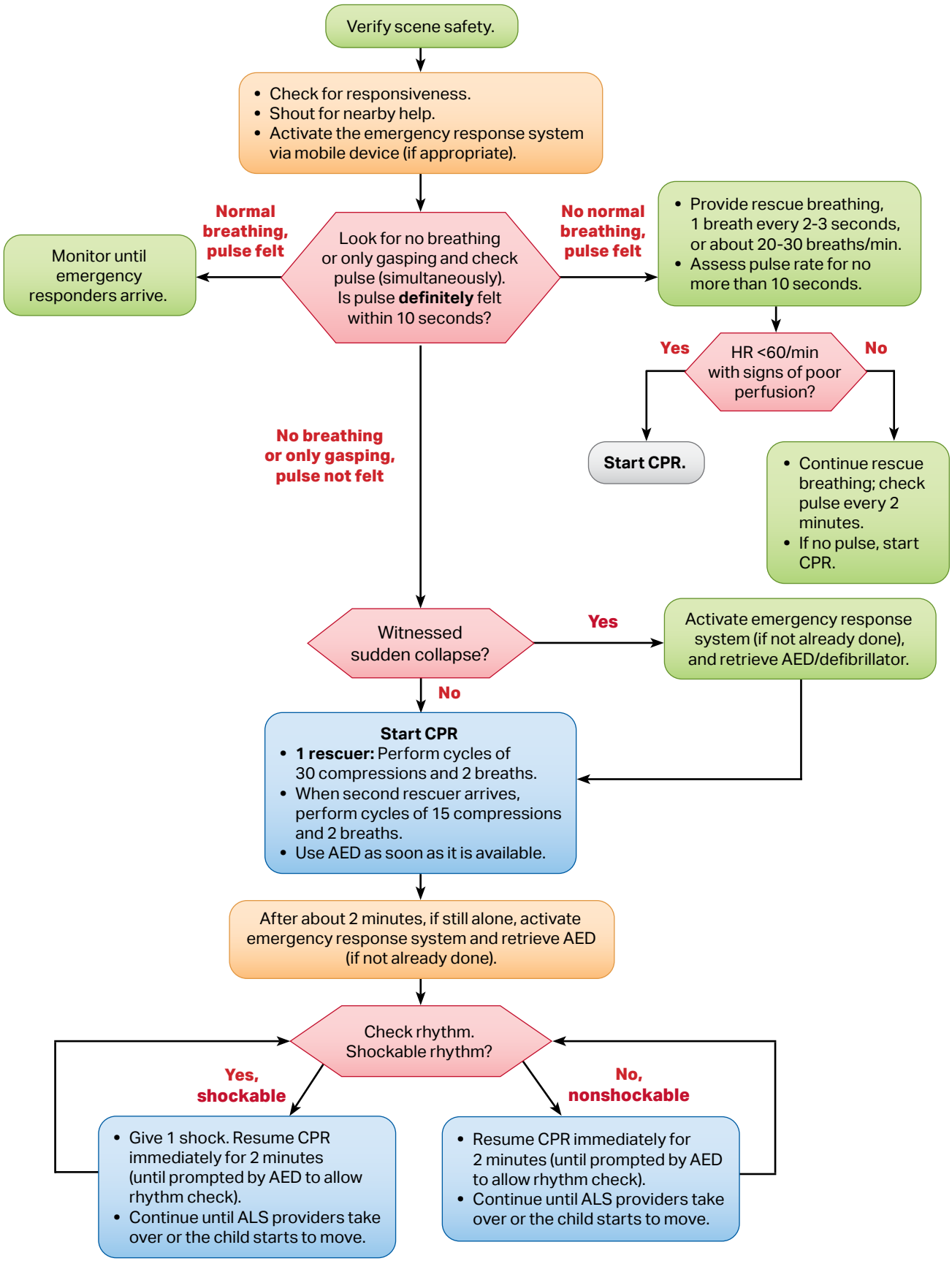
Pediatric Tachycardia With a Pulse Algorithm



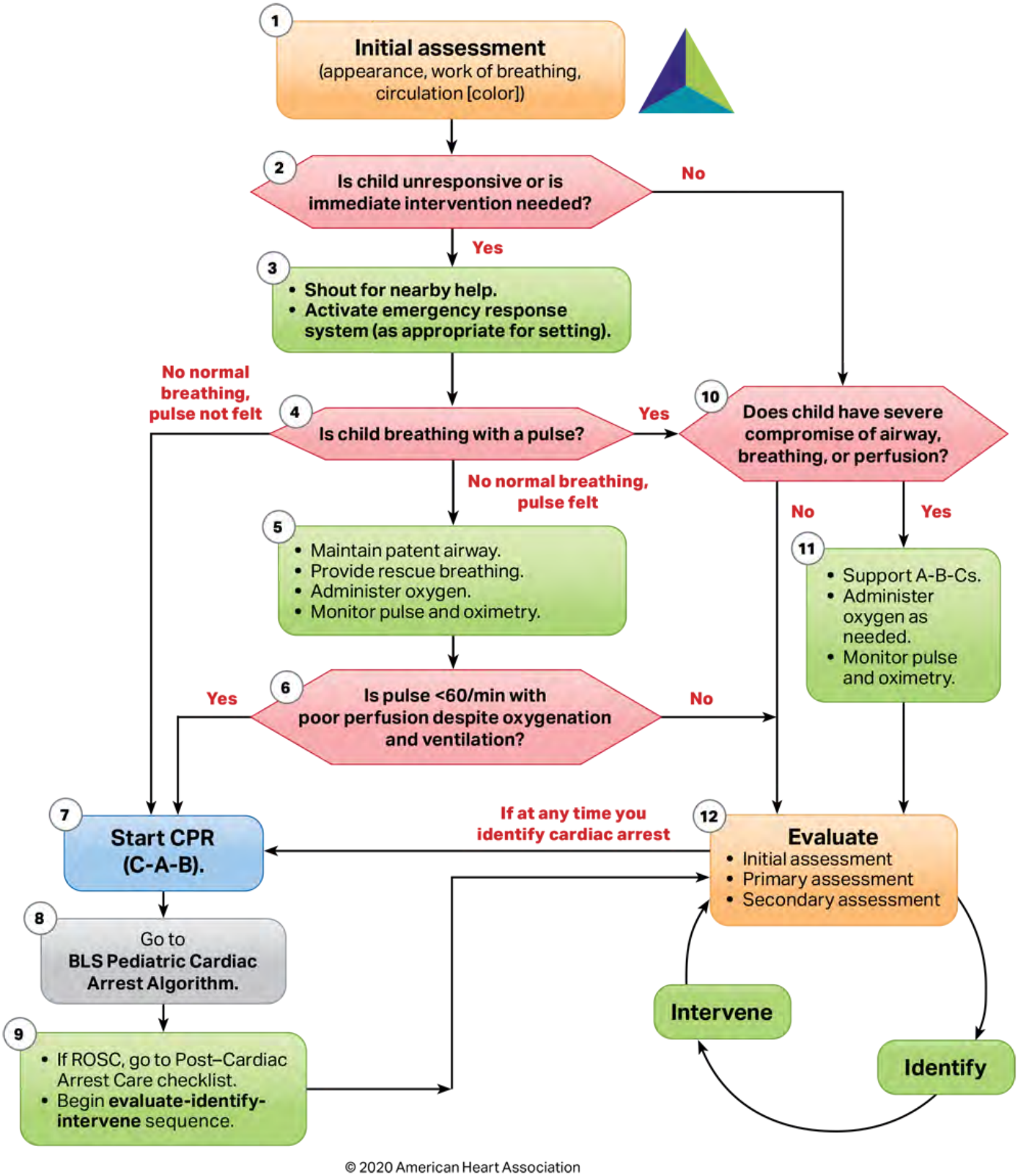
Pediatric Basic Life Support Algorithm for Healthcare Providers—2 or More Rescuers



Pediatric Basic Life Support Algorithm for Healthcare Providers—Single Rescuer

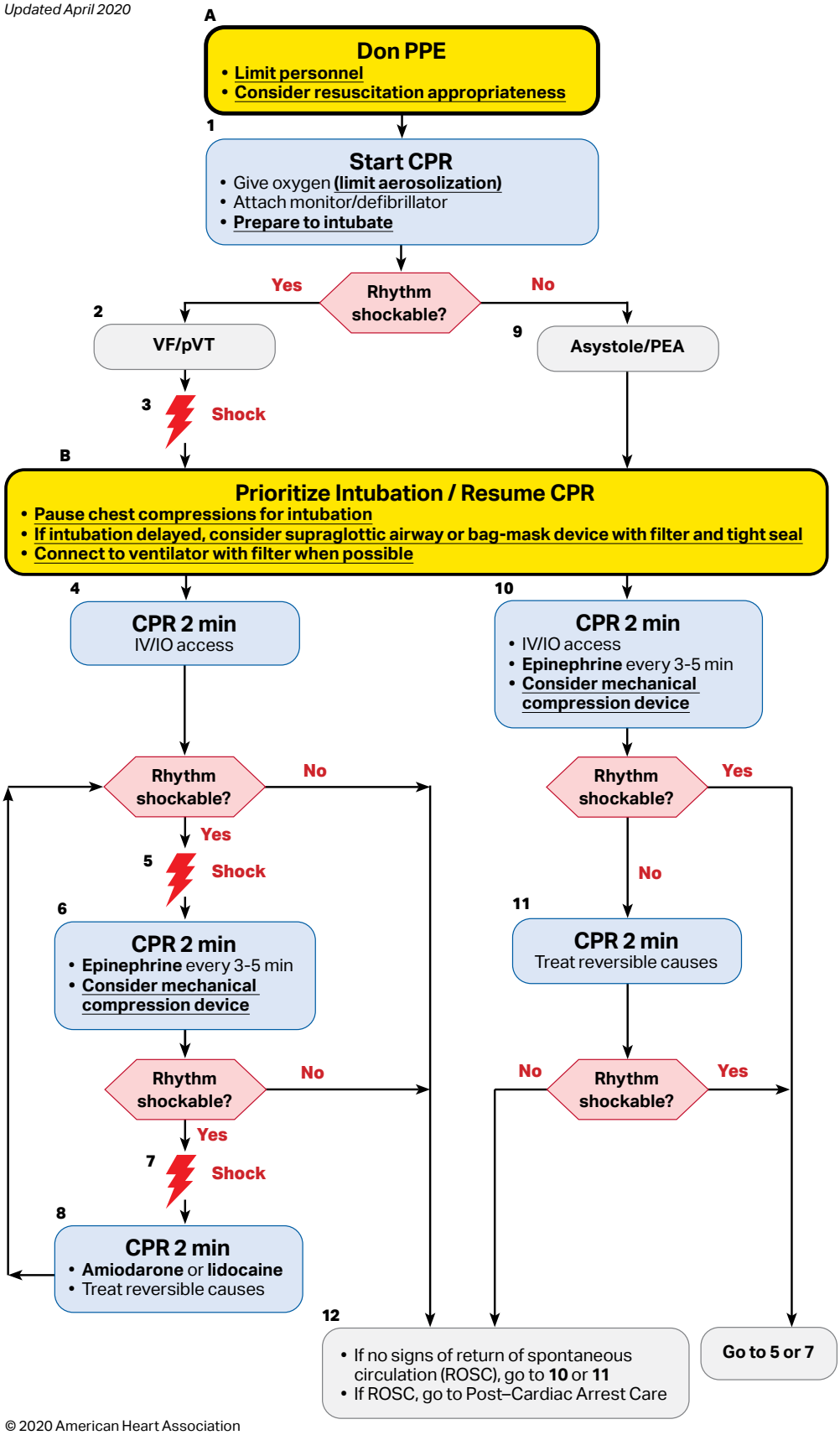


PALS Systematic Approach Algorithm



ACLS Cardiac Arrest Algorithm for Suspected or Confirmed COVID-19 Patients

Updated April 2020



CPR Quality

- Push hard (at least 2 inches [5 cm]) and fast (100-120/min) and allow complete chest recoil.
- Minimize interruptions in compressions.
- Avoid excessive ventilation.
- Change compressor every 2 minutes, or sooner if fatigued.
- If no advanced airway, 30:2 compression-ventilation ratio.
- Quantitative waveform capnography
  - If P_{ETCO_2} <10 mm Hg, attempt to improve CPR quality.
- Intra-arterial pressure
  - If relaxation phase (diastolic) pressure <20 mm Hg, attempt to improve CPR quality.

Shock Energy for Defibrillation

- **Biphasic:** Manufacturer recommendation (eg, initial dose of 120-200 J); if unknown, use maximum available. Second and subsequent doses should be equivalent, and higher doses may be considered.
- **Monophasic:** 360 J

Advanced Airway

- **Minimize closed-circuit disconnection**
- **Use intubator with highest likelihood of first pass success**
- **Consider video laryngoscopy**
- Endotracheal intubation or supraglottic advanced airway
- Waveform capnography or capnometry to confirm and monitor ET tube placement
- Once advanced airway in place, give 1 breath every 6 seconds (10 breaths/min) with continuous chest compressions

Drug Therapy

- **Epinephrine IV/IO dose:** 1 mg every 3-5 minutes
- **Amiodarone IV/IO dose:** First dose: 300 mg bolus. Second dose: 150 mg.
  or
  Lidocaine IV/IO dose: First dose: 1-1.5 mg/kg. Second dose: 0.5-0.75 mg/kg.

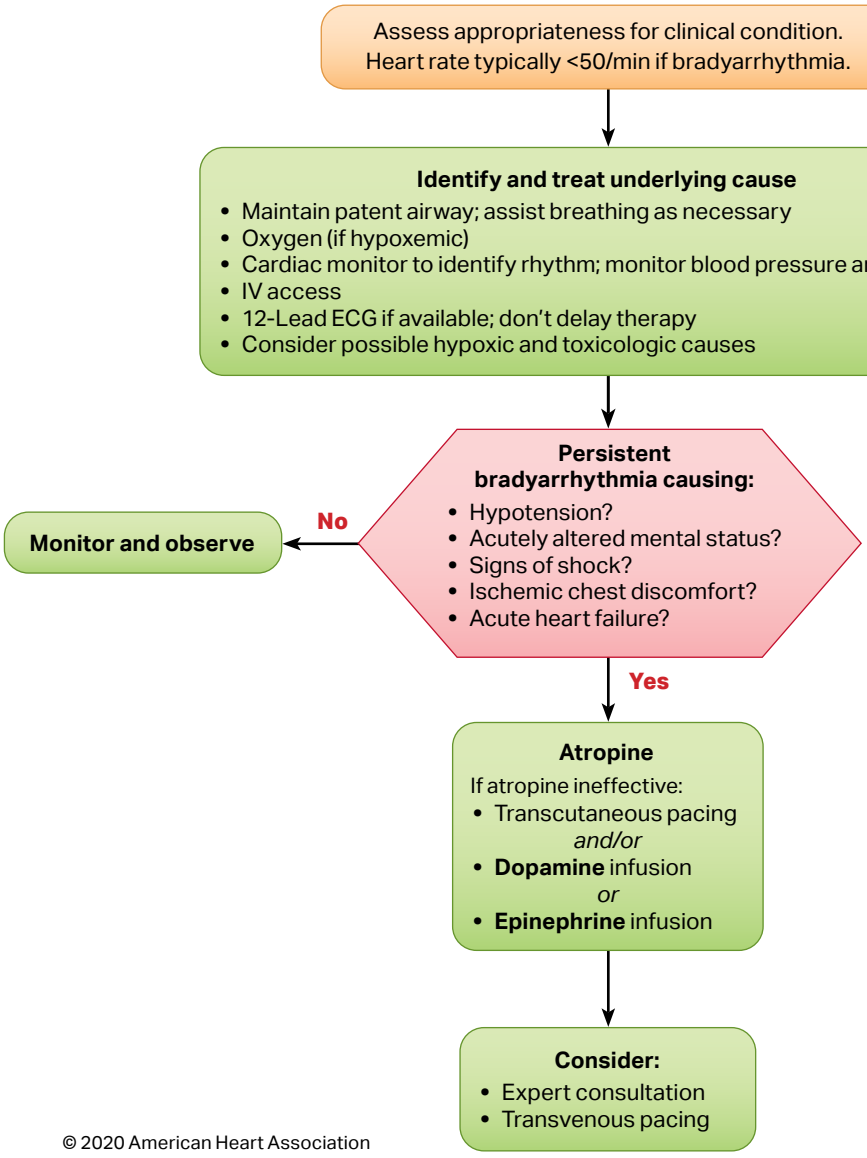
Return of Spontaneous Circulation (ROSC)

- Pulse and blood pressure
- Abrupt sustained increase in P_{ETCO_2} (typically ≥40 mm Hg)
- Spontaneous arterial pressure waves with intra-arterial monitoring

Reversible Causes

- **H**ypovolemia
- **H**ypoxia
- **H**ydrogen ion (acidosis)
- **H**ypo-/hyperkalemia
- **H**ypothermia
- **T**ension pneumothorax
- **T**amponade, cardiac
- **T**oxins
- **T**hrombosis, pulmonary
- **T**hrombosis, coronary

Adult Bradycardia Algorithm



Doses/Details

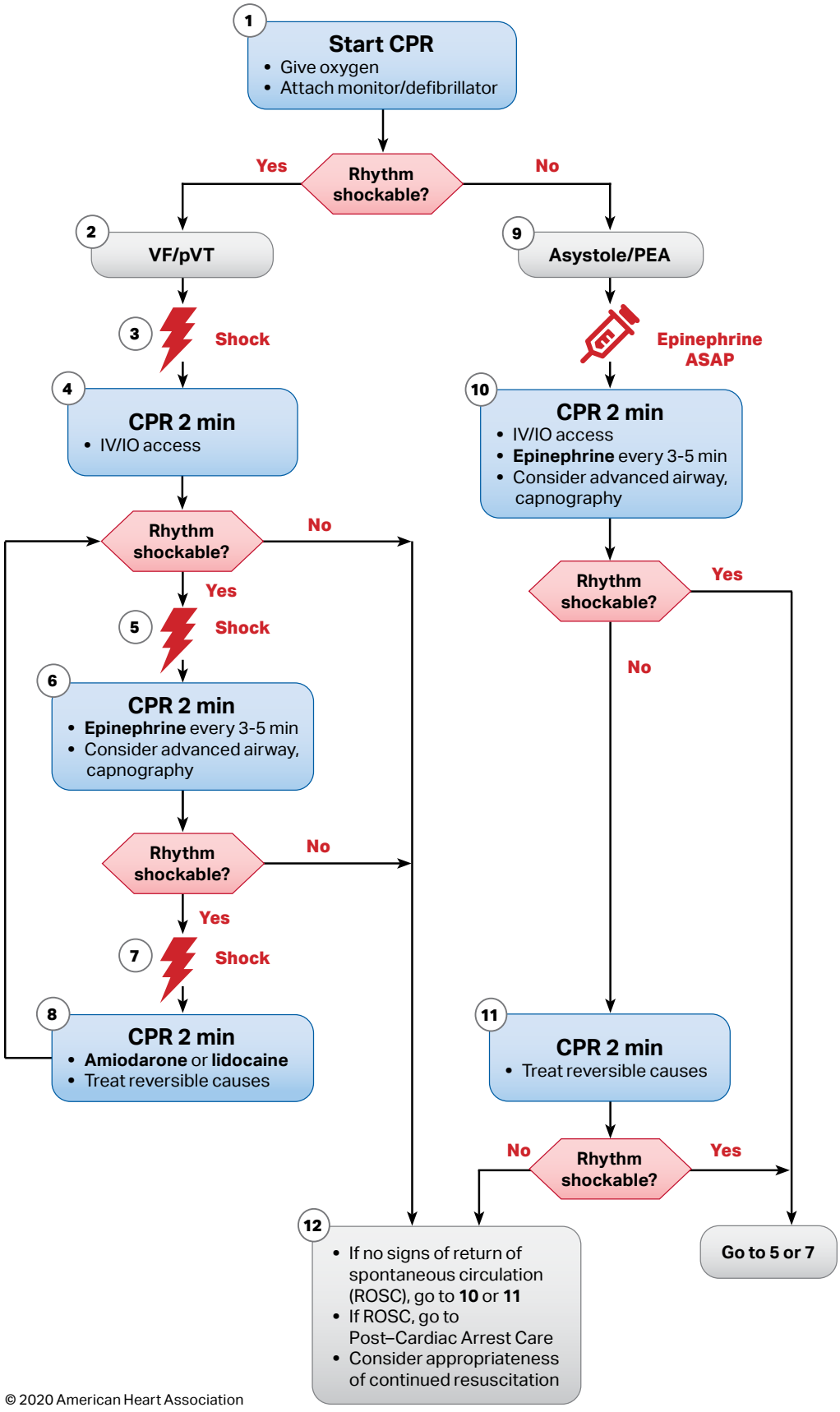
Atropine IV dose:
First dose: 1 mg bolus.
Repeat every 3-5 minutes.
Maximum: 3 mg.

Dopamine IV infusion:
Usual infusion rate is 5-20 mcg/kg per minute.
Titrate to patient response; taper slowly.

Epinephrine IV infusion:
2-10 mcg per minute infusion.
Titrate to patient response.

Causes:
- Myocardial ischemia/infarction
- Drugs/toxicologic (eg, calcium-channel blockers, beta blockers, digoxin)
- Hypoxia
- Electrolyte abnormality (eg, hyperkalemia)

Adult Cardiac Arrest Algorithm



CPR Quality

- Push hard (at least 2 inches [5 cm]) and fast (100-120/min) and allow complete chest recoil.
- Minimize interruptions in compressions.
- Avoid excessive ventilation.
- Change compressor every 2 minutes, or sooner if fatigued.
- If no advanced airway, 30:2 compression-ventilation ratio, or 1 breath every 6 seconds.
- Quantitative waveform capnography
  - If P_{ETCO_2} is low or decreasing, reassess CPR quality.

Shock Energy for Defibrillation

- **Biphasic**: Manufacturer recommendation (eg, initial dose of 120-200 J); if unknown, use maximum available. Second and subsequent doses should be equivalent, and higher doses may be considered.
- **Monophasic**: 360 J

Drug Therapy

- **Epinephrine IV/IO dose:** 1 mg every 3-5 minutes
- **Amiodarone IV/IO dose:** First dose: 300 mg bolus. Second dose: 150 mg.
  or
  Lidocaine IV/IO dose: First dose: 1-1.5 mg/kg. Second dose: 0.5-0.75 mg/kg.

Advanced Airway

- Endotracheal intubation or supraglottic advanced airway
- Waveform capnography or capnometry to confirm and monitor ET tube placement
- Once advanced airway in place, give 1 breath every 6 seconds (10 breaths/min) with continuous chest compressions

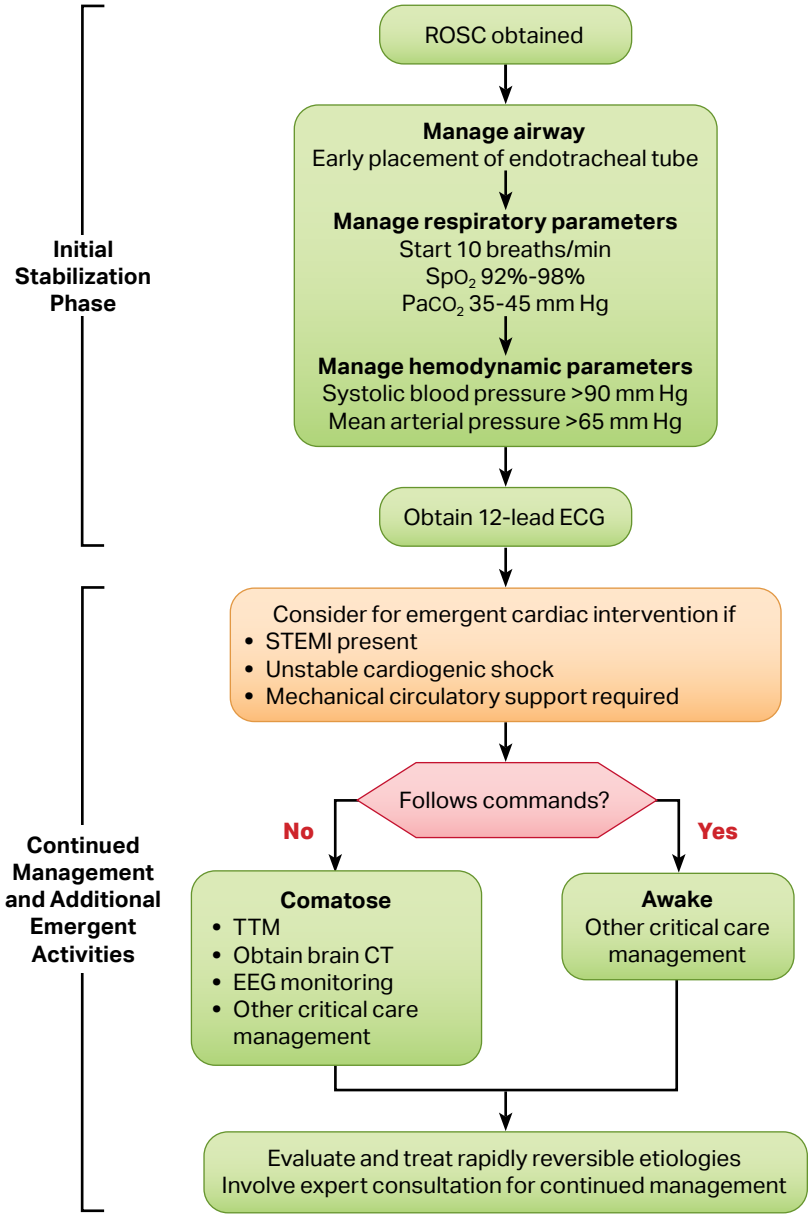
Return of Spontaneous Circulation (ROSC)

- Pulse and blood pressure
- Abrupt sustained increase in P_{ETCO_2} (typically ≥40 mm Hg)
- Spontaneous arterial pressure waves with intra-arterial monitoring

Reversible Causes

- **H**ypovolemia
- **H**ypoxia
- **H**ydrogen ion (acidosis)
- **H**ypo-/hyperkalemia
- **H**ypothermia
- **T**ension pneumothorax
- **T**amponade, cardiac
- **T**oxins
- **T**hrombosis, pulmonary
- **T**hrombosis, coronary

ACLS Healthcare Provider
Post–Cardiac Arrest Care Algorithm



Initial Stabilization Phase

Resuscitation is ongoing during the post-ROSC phase, and many of these activities can occur concurrently. However, if prioritization is necessary, follow these steps:

- Airway management: Waveform capnography or capnometry to confirm and monitor endotracheal tube placement
- Manage respiratory parameters: Titrate FIO_2 for SpO_2 92%-98%; start at 10 breaths/min; titrate to $PaCO_2$ of 35-45 mm Hg
- Manage hemodynamic parameters: Administer crystalloid and/or vasopressor or inotrope for goal systolic blood pressure >90 mm Hg or mean arterial pressure >65 mm Hg

Continued Management and Additional Emergent Activities

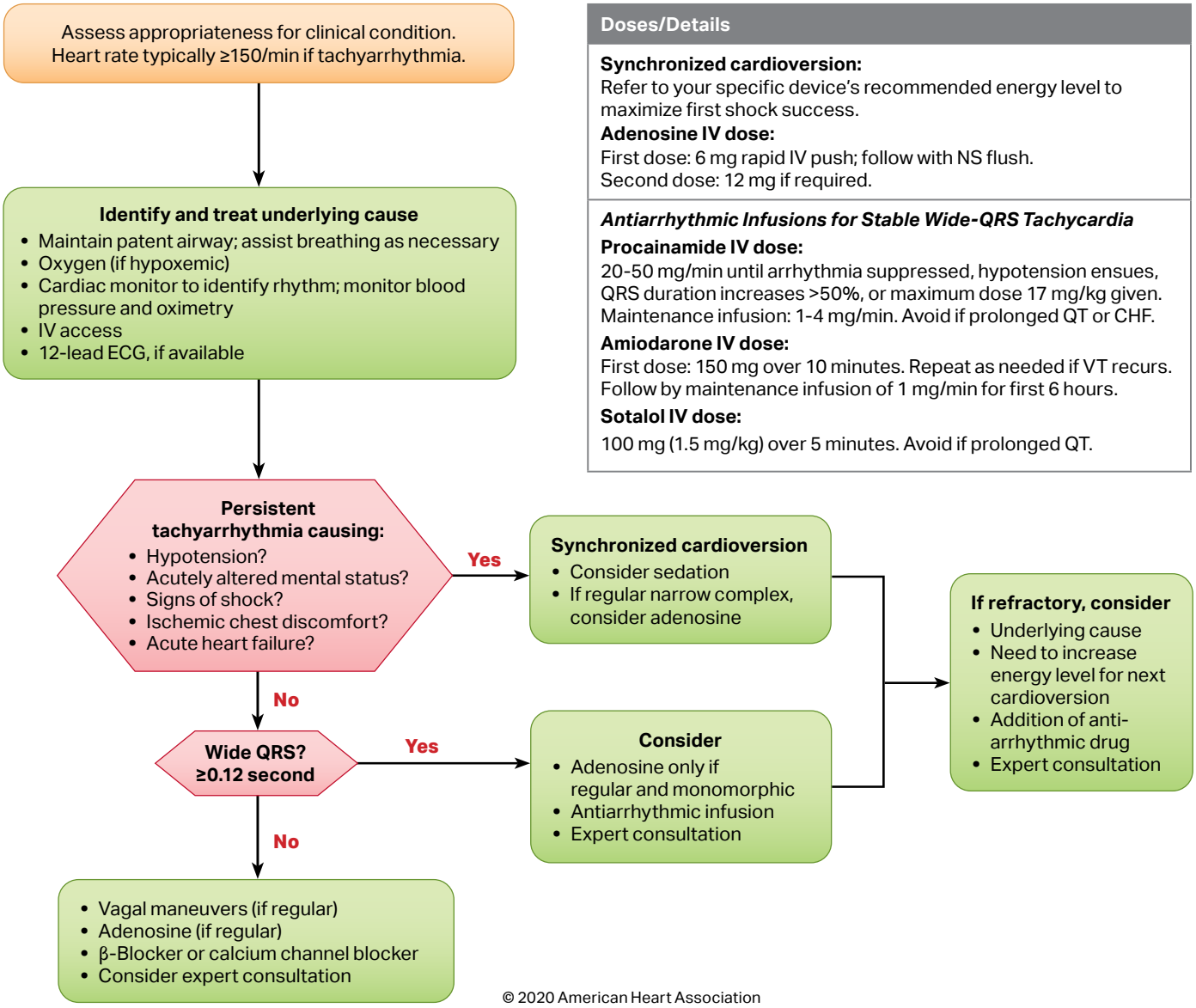
These evaluations should be done concurrently so that decisions on targeted temperature management (TTM) receive high priority as cardiac interventions.

- Emergent cardiac intervention: Early evaluation of 12-lead electrocardiogram (ECG); consider hemodynamics for decision on cardiac intervention
- TTM: If patient is not following commands, start TTM as soon as possible; begin at 32-36°C for 24 hours by using a cooling device with feedback loop
- Other critical care management
  - Continuously monitor core temperature (esophageal, rectal, bladder)
  - Maintain normoxia, normocapnia, euglycemia
  - Provide continuous or intermittent electroencephalogram (EEG) monitoring
  - Provide lung-protective ventilation

H's and T's

Hypovolemia
Hypoxia
Hydrogen ion (acidosis)
Hypokalemia/**h**yperkalemia
Hypothermia
Tension pneumothorax
Tamponade, cardiac
Toxins
Thrombosis, pulmonary
Thrombosis, coronary

Adult Tachycardia With a Pulse Algorithm



Doses/Details

Synchronized cardioversion:
Refer to your specific device's recommended energy level to maximize first shock success.

Adenosine IV dose:
First dose: 6 mg rapid IV push; follow with NS flush.
Second dose: 12 mg if required.

Antiarrhythmic Infusions for Stable Wide-QRS Tachycardia

Procainamide IV dose:
20-50 mg/min until arrhythmia suppressed, hypotension ensues, QRS duration increases >50%, or maximum dose 17 mg/kg given. Maintenance infusion: 1-4 mg/min. Avoid if prolonged QT or CHF.

Amiodarone IV dose:
First dose: 150 mg over 10 minutes. Repeat as needed if VT recurs. Follow by maintenance infusion of 1 mg/min for first 6 hours.

Sotalol IV dose:
100 mg (1.5 mg/kg) over 5 minutes. Avoid if prolonged QT.

PROVIDENCE Children's Health

Patient Name test
Date

Weight kg	3.00

For Patients 2.5 kg to 3 kg
Emergency Pediatric Dosing Sheet

Chart represents Pediatric dosing by weight up to the usual adult dose

	Drug	Concentration *		Standard Dose		Patient Dose		Volume	
Code	Epinephrine **(IV)**		0.1 mg/mL	0.01	mg/kg	0.03	mg	0.3	mL
	Epinephrine **(ET use ONLY)**		1. mg/mL	0.1	mg/kg	0.3	mg	0.3	mL
	Atropine		0.1 mg/mL	0.02	mg/kg	0.06	mg	0.6	mL
	Calcium Chloride		100. mg/mL	20.	mg/kg	60.	mg	0.6	mL
	Dextrose 10%		0.1 g/mL	0.5	g/kg	1.5	g	15.	mL
	Magnesium		40. mg/ml	25 - 50.	mg/kg	75 - 150	mg	1.875 - 3.75	mL
	NaBicarb 4.2%		0.5 mEq/ml	1.	mEq/kg	3.	mEq	6.	mL
Rhythm	Adenosine		3. mg/mL	0.1 - 0.2	mg/kg	0.3 - 0.6	mg	0.1 - 0.2	mL
	Amiodarone		50. mg/mL	5.	mg/kg	15.	mg	0.3	mL
	Lidocaine 2%		20. mg/mL	1.	mg/kg	3.	mg	0.15	mL
	Cardioversion	1st Shock	0.5 J/kg	0.5	J/kg	1.5	Joules		
		2nd Shock	1. J/kg	1.	J/kg	3.	Joules		
	Defibrillation	1st Shock	2. J/kg	2.	J/kg	6.	Joules		
		2nd & 3rd Shock	4. J/kg	4.	J/kg	12.	Joules		
Rapid Sequence Intubation	Atropine		0.1 mg/mL	0.02	mg/kg	0.06	mg	0.6	mL
	Etomidate	Do **not** use in suspected sepsis!	2. mg/mL vial	0.3	mg/kg	0.9	mg	0.45	mL
	Fentanyl		50. mcg/mL	3. - 5.	mcg/kg	9. - 15.	mcg	0.18 - 0.3	mL
	Ketamine		10. mg/mL	1. - 2.	mg/kg	3. - 6.	mg	0.3 - 0.6	mL
	Propofol	**Caution:** Pts with sepsis or hypovolemia.	10. mg/mL	2. - 3.	mg/kg	6 - 9	mg	0.6 - 0.9	mL
	Midazolam		1. mg/mL	0.2	mg/kg	0.6	mg	0.6	mL
	Rocuronium		10. mg/mL	1.	mg/kg	3.	mg	0.3	mL
	Succinylcholine	**Caution:** Pts with hyperkalemia.	20. mg/mL	1 - 2.	mg/kg	3 - 6.	mg	0.15 - 0.3	mL
	Vecuronium		1. mg/mL	0.1	mg/kg	0.3	mg	0.3	mL
Antidote	Flumazenil		0.1 mg/mL	0.01	mg/kg	0.03	mg	0.3	mL
	Naloxone		0.4 mg/mL	0.1	mg/kg	0.3	mg	0.75	mL

Drips	Drug	Drip Concentration (mcg/mL)	Dose Range (mcg/kg/min.)	Patient Dose (mcg/kg/min.)	Rate (mL/hr)
	Amiodarone *	1800	5 - 15	5.	0.5
	Dopamine *	1600	5 - 20	5.	0.6
	Dobutamine *	4000	5 - 20	5.	0.2
	Epinephrine	10	0.1 - 1	0.1	1.8
	Lidocaine *	8000	20 - 50	20.	0.5
	Norepinephrine	16	0.1 - 2	0.1	1.1
	* Available in this concentration as a premix solution				

Anaphylaxis/Asthma									
	Epinephrine 1:1000 (IM/SQ)	1.	mg/mL	0.01	mg/kg	0.03	mg	0.03	mL

	Weight (kg)	Fluid Requirement for 24 hrs	Fluid Requirement per hour
Daily:	3.	300.	13

First 10 kg = 100 mL/kg/24 hrs
Second 10 kg = 1000 mL + 50 mL/kg
Over 20 kg = 1500 mL + 20 mL/kg >20

Hourly:
Daily fluid requirement ÷ 24

*** Note Concentration**

Weight Verified by: _____ RN

GRAY DRAWER v.12.22.21

PROVIDENCE Children's Health

Patient Name test
Date

Weight kg	4.00

For Patients 3.1 kg to 4 kg
Emergency Pediatric Dosing Sheet

Chart represents Pediatric dosing by weight up to the usual adult dose

	Drug	Concentration *		Standard Dose		Patient Dose		Volume	
Code	Epinephrine **(IV)**		0.1 mg/mL	0.01	mg/kg	0.04	mg	0.4	mL
	Epinephrine **(ET use ONLY)**		1. mg/mL	0.1	mg/kg	0.4	mg	0.4	mL
	Atropine		0.1 mg/mL	0.02	mg/kg	0.08	mg	0.8	mL
	Calcium Chloride		100. mg/mL	20.	mg/kg	80.	mg	0.8	mL
	Dextrose 10%		0.1 g/mL	0.5	g/kg	2.	g	20.	mL
	Magnesium		40. mg/ml	25 - 50.	mg/kg	100 - 200	mg	2.5 - 5	mL
	NaBicarb 4.2%		0.5 mEq/ml	1.	mEq/kg	4.	mEq	8.	mL
Rhythm	Adenosine		3. mg/mL	0.1 - 0.2	mg/kg	0.4 - 0.8	mg	0.13 - 0.27	mL
	Amiodarone		50. mg/mL	5.	mg/kg	20.	mg	0.4	mL
	Lidocaine 2%		20. mg/mL	1.	mg/kg	4.	mg	0.2	mL
	Cardioversion	1st Shock	0.5 J/kg	0.5	J/kg	2.	Joules		
		2nd Shock	1. J/kg	1.	J/kg	4.	Joules		
	Defibrillation	1st Shock	2. J/kg	2.	J/kg	8.	Joules		
		2nd & 3rd Shock	4. J/kg	4.	J/kg	16.	Joules		
Rapid Sequence Intubation	Atropine		0.1 mg/mL	0.02	mg/kg	0.08	mg	0.8	mL
	Etomidate	Do **not** use in suspected sepsis!	2. mg/mL vial	0.3	mg/kg	1.2	mg	0.6	mL
	Fentanyl		50. mcg/mL	3. - 5.	mcg/kg	12. - 20.	mcg	0.24 - 0.4	mL
	Ketamine		10. mg/mL	1. - 2.	mg/kg	4. - 8.	mg	0.4 - 0.8	mL
	Propofol	**Caution:** Pts with sepsis or hypovolemia.	10. mg/mL	2. - 3.	mg/kg	8 - 12	mg	0.8 - 1.2	mL
	Midazolam		1. mg/mL	0.2	mg/kg	0.8	mg	0.8	mL
	Rocuronium		10. mg/mL	1.	mg/kg	4.	mg	0.4	mL
	Succinylcholine	**Caution:** Pts with hyperkalemia.	20. mg/mL	1 - 2.	mg/kg	4 - 8.	mg	0.2 - 0.4	mL
	Vecuronium		1. mg/mL	0.1	mg/kg	0.4	mg	0.4	mL
Antidote	Flumazenil		0.1 mg/mL	0.01	mg/kg	0.04	mg	0.4	mL
	Naloxone		0.4 mg/mL	0.1	mg/kg	0.4	mg	1.	mL

Drips	**Drug**	**Drip Concentration (mcg/mL)**	**Dose Range (mcg/kg/min.)**	**Patient Dose (mcg/kg/min.)**	**Rate (mL/hr)**
	Amiodarone *	1800	5 - 15	5.	0.7
	Dopamine *	1600	5 - 20	5.	0.8
	Dobutamine *	4000	5 - 20	5.	0.3
	Epinephrine	10	0.1 - 1	0.1	2.4
	Lidocaine *	8000	20 - 50	20.	0.6
	Norepinephrine	16	0.1 - 2	0.1	1.5
	* Available in this concentration as a premix solution				

Anaphylaxis/Asthma					
	Epinephrine 1:1000 (IM/SQ)	1. mg/mL	0.01 mg/kg	0.04 mg	0.04 mL

	Weight (kg)	**Fluid Requirement for 24 hrs**	**Fluid Requirement per hour**
Daily:	4.	400.	17

First 10 kg = 100 mL/kg/24 hrs
Second 10 kg = 1000 mL + 50 mL/kg
Over 20 kg = 1500 mL + 20 mL/kg >20

Hourly:
Daily fluid requirement ÷ 24

*** Note Concentration**

Weight Verified by: _____ RN

PROVIDENCE Children's Health

Patient Name test
Date

Weight kg	5.00

For Patients 4.1 kg to 5 kg
Emergency Pediatric Dosing Sheet

Chart represents Pediatric dosing by weight up to the usual adult dose

	Drug	Concentration *	Standard Dose	Patient Dose	Volume
Code	Epinephrine **(IV)**	0.1 mg/mL	0.01 mg/kg	0.05 mg	0.5 mL
	Epinephrine **(ET use ONLY)**	1. mg/mL	0.1 mg/kg	0.5 mg	0.5 mL
	Atropine	0.1 mg/mL	0.02 mg/kg	0.1 mg	1. mL
	Calcium Chloride	100. mg/mL	20. mg/kg	100. mg	1. mL
	Dextrose 10%	0.1 g/mL	0.5 g/kg	2.5 g	25. mL
	Magnesium	40. mg/ml	25 - 50. mg/kg	125 - 250 mg	3.125 - 6.25 mL
	NaBicarb 4.2%	0.5 mEq/ml	1. mEq/kg	5. mEq	10. mL
Rhythm	Adenosine	3. mg/mL	0.1 - 0.2 mg/kg	0.5 - 1. mg	0.17 - 0.33 mL
	Amiodarone	50. mg/mL	5. mg/kg	25. mg	0.5 mL
	Lidocaine 2%	20. mg/mL	1. mg/kg	5. mg	0.25 mL
	Cardioversion	1st Shock 0.5 J/kg	0.5 J/kg	2.5 Joules	
		2nd Shock 1. J/kg	1. J/kg	5. Joules	
	Defibrillation	1st Shock 2. J/kg	2. J/kg	10. Joules	
		2nd & 3rd Shock 4. J/kg	4. J/kg	20. Joules	
Rapid Sequence Intubation	Atropine	0.1 mg/mL	0.02 mg/kg	0.1 mg	1. mL
	Etomidate	Do **not** use in suspected sepsis! 2. mg/mL vial	0.3 mg/kg	1.5 mg	0.75 mL
	Fentanyl	50. mcg/mL	3. - 5. mcg/kg	15. - 25. mcg	0.3 - 0.5 mL
	Ketamine	10. mg/mL	1. - 2. mg/kg	5. - 10. mg	0.5 - 1. mL
	Propofol	**Caution:** Pts with sepsis or hypovolemia. 10. mg/mL	2. - 3. mg/kg	10 - 15 mg	1. - 1.5 mL
	Midazolam	1. mg/mL	0.2 mg/kg	1. mg	1. mL
	Rocuronium	10. mg/mL	1. mg/kg	5. mg	0.5 mL
	Succinylcholine	**Caution:** Pts with hyperkalemia. 20. mg/mL	1 - 2. mg/kg	5 - 10. mg	0.25 - 0.5 mL
	Vecuronium	1. mg/mL	0.1 mg/kg	0.5 mg	0.5 mL
Antidote	Flumazenil	0.1 mg/mL	0.01 mg/kg	0.05 mg	0.5 mL
	Naloxone	0.4 mg/mL	0.1 mg/kg	0.5 mg	1.25 mL

Drips	**Drug**	**Drip Concentration (mcg/mL)**	**Dose Range (mcg/kg/min.)**	**Patient Dose (mcg/kg/min.)**	**Rate (mL/hr)**
	Amiodarone *	1800	5 - 15	5.	0.8
	Dopamine *	1600	5 - 20	5.	0.9
	Dobutamine *	4000	5 - 20	5.	0.4
	Epinephrine	10	0.1 - 1	0.1	3.0
	Lidocaine *	8000	20 - 50	20.	0.8
	Norepinephrine	16	0.1 - 2	0.1	1.9
	* Available in this concentration as a premix solution				

Anaphylaxis/Asthma					
	Epinephrine 1:1000 (IM/SQ)	1. mg/mL	0.01 mg/kg	0.05 mg	0.05 mL

	Weight (kg)	**Fluid Requirement for 24 hrs**	**Fluid Requirement per hour**
Daily:	5.	500.	21

First 10 kg = 100 mL/kg/24 hrs
Second 10 kg = 1000 mL + 50 mL/kg
Over 20 kg = 1500 mL + 20 mL/kg >20

Hourly:
Daily fluid requirement ÷ 24

*** Note Concentration**

Weight Verified by: _____ RN

GRAY DRAWER v.12.22.21

PROVIDENCE Children's Health

Patient Name test
Date

Weight kg	6.00

For Patients 5.1 kg to 6 kg
Emergency Pediatric Dosing Sheet

Chart represents Pediatric dosing by weight up to the usual adult dose

	Drug	Concentration *	Standard Dose	Patient Dose	Volume
Code	Epinephrine **(IV)**	0.1 mg/mL	0.01 mg/kg	0.06 mg	0.6 mL
	Epinephrine **(ET use ONLY)**	1. mg/mL	0.1 mg/kg	0.6 mg	0.6 mL
	Atropine	0.1 mg/mL	0.02 mg/kg	0.12 mg	1.2 mL
	Calcium Chloride	100. mg/mL	20. mg/kg	120. mg	1.2 mL
	Dextrose 10%	0.1 g/mL	0.5 g/kg	3. g	30. mL
	Magnesium	40. mg/ml	25 - 50. mg/kg	150 - 300 mg	3.75 - 7.5 mL
	NaBicarb 4.2%	0.5 mEq/ml	1. mEq/kg	6. mEq	12. mL
Rhythm	Adenosine	3. mg/mL	0.1 - 0.2 mg/kg	0.6 - 1.2 mg	0.2 - 0.4 mL
	Amiodarone	50. mg/mL	5. mg/kg	30. mg	0.6 mL
	Lidocaine 2%	20. mg/mL	1. mg/kg	6. mg	0.3 mL
	Cardioversion	1st Shock 0.5 J/kg	0.5 J/kg	3. Joules	
		2nd Shock 1. J/kg	1. J/kg	6. Joules	
	Defibrillation	1st Shock 2. J/kg	2. J/kg	12. Joules	
		2nd & 3rd Shock 4. J/kg	4. J/kg	24. Joules	
Rapid Sequence Intubation	Atropine	0.1 mg/mL	0.02 mg/kg	0.12 mg	1.2 mL
	Etomidate	Do **not** use in suspected sepsis! 2. mg/mL vial	0.3 mg/kg	1.8 mg	0.9 mL
	Fentanyl	50. mcg/mL	3. - 5. mcg/kg	18. - 30. mcg	0.36 - 0.6 mL
	Ketamine	10. mg/mL	1. - 2. mg/kg	6. - 12. mg	0.6 - 1.2 mL
	Propofol	**Caution:** Pts with sepsis or hypovolemia. 10. mg/mL	2. - 3. mg/kg	12 - 18 mg	1.2 - 1.8 mL
	Midazolam	1. mg/mL	0.2 mg/kg	1.2 mg	1.2 mL
	Rocuronium	10. mg/mL	1. mg/kg	6. mg	0.6 mL
	Succinylcholine	**Caution:** Pts with hyperkalemia. 20. mg/mL	1 - 2. mg/kg	6 - 12. mg	0.3 - 0.6 mL
	Vecuronium	1. mg/mL	0.1 mg/kg	0.6 mg	0.6 mL
Antidote	Flumazenil	0.1 mg/mL	0.01 mg/kg	0.06 mg	0.6 mL
	Naloxone	0.4 mg/mL	0.1 mg/kg	0.6 mg	1.5 mL

Drips	Drug	Drip Concentration (mcg/mL)	Dose Range (mcg/kg/min.)	Patient Dose (mcg/kg/min.)	Rate (mL/hr)
	Amiodarone *	1800	5 - 15	5.	1.0
	Dopamine *	1600	5 - 20	5.	1.1
	Dobutamine *	4000	5 - 20	5.	0.5
	Epinephrine	10	0.1 - 1	0.1	3.6
	Lidocaine *	8000	20 - 50	20.	0.9
	Norepinephrine	16	0.1 - 2	0.1	2.3
	* Available in this concentration as a premix solution				

Anaphylaxis/Asthma					
	Epinephrine 1:1000 (IM/SQ)	1. mg/mL	0.01 mg/kg	0.06 mg	0.06 mL

	Weight (kg)	Fluid Requirement for 24 hrs	Fluid Requirement per hour
Daily:	6.	600.	25

First 10 kg = 100 mL/kg/24 hrs
Second 10 kg = 1000 mL + 50 mL/kg
Over 20 kg = 1500 mL + 20 mL/kg >20

Hourly:
Daily fluid requirement ÷ 24

*** Note Concentration**

Weight Verified by: _____ RN

PINK DRAWER v.12.22.21

PROVIDENCE Children's Health

Patient Name test
Date

Weight kg	7.00

For Patients 6.1 kg to 7 kg
Emergency Pediatric Dosing Sheet

Chart represents Pediatric dosing by weight up to the usual adult dose

	Drug	Concentration *		Standard Dose	Patient Dose	Volume
Code	Epinephrine **(IV)**		0.1 mg/mL	0.01 mg/kg	0.07 mg	0.7 mL
	Epinephrine **(ET use ONLY)**		1. mg/mL	0.1 mg/kg	0.7 mg	0.7 mL
	Atropine		0.1 mg/mL	0.02 mg/kg	0.14 mg	1.4 mL
	Calcium Chloride		100. mg/mL	20. mg/kg	140. mg	1.4 mL
	Dextrose 10%		0.1 g/mL	0.5 g/kg	3.5 g	35. mL
	Magnesium		40. mg/ml	25 - 50. mg/kg	175 - 350 mg	4.375 - 8.75 mL
	NaBicarb 4.2%		0.5 mEq/ml	1. mEq/kg	7. mEq	14. mL
Rhythm	Adenosine		3. mg/mL	0.1 - 0.2 mg/kg	0.7 - 1.4 mg	0.23 - 0.47 mL
	Amiodarone		50. mg/mL	5. mg/kg	35. mg	0.7 mL
	Lidocaine 2%		20. mg/mL	1. mg/kg	7. mg	0.35 mL
	Cardioversion	1st Shock	0.5 J/kg	0.5 J/kg	3.5 Joules	
		2nd Shock	1. J/kg	1. J/kg	7. Joules	
	Defibrillation	1st Shock	2. J/kg	2. J/kg	14. Joules	
		2nd & 3rd Shock	4. J/kg	4. J/kg	28. Joules	
Rapid Sequence Intubation	Atropine		0.1 mg/mL	0.02 mg/kg	0.14 mg	1.4 mL
	Etomidate	Do **not** use in suspected sepsis!	2. mg/mL vial	0.3 mg/kg	2.1 mg	1.05 mL
	Fentanyl		50. mcg/mL	3. - 5. mcg/kg	21. - 35. mcg	0.42 - 0.7 mL
	Ketamine		10. mg/mL	1. - 2. mg/kg	7. - 14. mg	0.7 - 1.4 mL
	Propofol	**Caution:** Pts with sepsis or hypovolemia.	10. mg/mL	2. - 3. mg/kg	14 - 21 mg	1.4 - 2.1 mL
	Midazolam		1. mg/mL	0.2 mg/kg	1.4 mg	1.4 mL
	Rocuronium		10. mg/mL	1. mg/kg	7. mg	0.7 mL
	Succinylcholine	**Caution:** Pts with hyperkalemia.	20. mg/mL	1 - 2. mg/kg	7 - 14. mg	0.35 - 0.7 mL
	Vecuronium		1. mg/mL	0.1 mg/kg	0.7 mg	0.7 mL
Antidote	Flumazenil		0.1 mg/mL	0.01 mg/kg	0.07 mg	0.7 mL
	Naloxone		0.4 mg/mL	0.1 mg/kg	0.7 mg	1.75 mL

	Drug	Drip Concentration (mcg/mL)	Dose Range (mcg/kg/min.)	Patient Dose (mcg/kg/min.)	Rate (mL/hr)
Drips	Amiodarone *	1800	5 - 15	5.	1.2
	Dopamine *	1600	5 - 20	5.	1.3
	Dobutamine *	4000	5 - 20	5.	0.5
	Epinephrine	10	0.1 - 1	0.1	4.2
	Lidocaine *	8000	20 - 50	20.	1.1
	Norepinephrine	16	0.1 - 2	0.1	2.6
	* Available in this concentration as a premix solution				

Anaphylaxis/Asthma	Epinephrine 1:1000 (IM/SQ)	1. mg/mL	0.01 mg/kg	0.07 mg	0.07 mL

	Weight (kg)	Fluid Requirement for 24 hrs	Fluid Requirement per hour
Daily:	7.	700.	29

First 10 kg = 100 mL/kg/24 hrs
Second 10 kg = 1000 mL + 50 mL/kg
Over 20 kg = 1500 mL + 20 mL/kg >20

Hourly:
Daily fluid requirement ÷ 24

*** Note Concentration**

Weight Verified by: _____ RN

PINK DRAWER v.12.22.21

PROVIDENCE Children's Health

Patient Name test
Date

Weight kg	8.00

For Patients 7.1 kg to 8 kg
Emergency Pediatric Dosing Sheet

Chart represents Pediatric dosing by weight up to the usual adult dose

	Drug	Concentration *		Standard Dose		Patient Dose		Volume	
Code	Epinephrine **(IV)**		0.1 mg/mL	0.01	mg/kg	0.08	mg	0.8	mL
	Epinephrine **(ET use ONLY)**		1. mg/mL	0.1	mg/kg	0.8	mg	0.8	mL
	Atropine		0.1 mg/mL	0.02	mg/kg	0.16	mg	1.6	mL
	Calcium Chloride		100. mg/mL	20.	mg/kg	160.	mg	1.6	mL
	Dextrose 25%		0.25 g/mL	0.5	g/kg	4.	g	16.	mL
	Magnesium		40. mg/ml	25 - 50.	mg/kg	200 - 400	mg	5 - 10	mL
	NaBicarb 4.2%		0.5 mEq/ml	1.	mEq/kg	8.	mEq	16.	mL
Rhythm	Adenosine		3. mg/mL	0.1 - 0.2	mg/kg	0.8 - 1.6	mg	0.27 - 0.53	mL
	Amiodarone		50. mg/mL	5.	mg/kg	40.	mg	0.8	mL
	Lidocaine 2%		20. mg/mL	1.	mg/kg	8.	mg	0.4	mL
	Cardioversion	1st Shock	0.5 J/kg	0.5	J/kg	4.	Joules		
		2nd Shock	1. J/kg	1.	J/kg	8.	Joules		
	Defibrillation	1st Shock	2. J/kg	2.	J/kg	16.	Joules		
		2nd & 3rd Shock	4. J/kg	4.	J/kg	32.	Joules		
Rapid Sequence Intubation	Atropine		0.1 mg/mL	0.02	mg/kg	0.16	mg	1.6	mL
	Etomidate	Do **not** use in suspected sepsis!	2. mg/mL vial	0.3	mg/kg	2.4	mg	1.2	mL
	Fentanyl		50. mcg/mL	3. - 5.	mcg/kg	24. - 40.	mcg	0.48 - 0.8	mL
	Ketamine		10. mg/mL	1. - 2.	mg/kg	8. - 16.	mg	0.8 - 1.6	mL
	Propofol	**Caution:** Pts with sepsis or hypovolemia.	10. mg/mL	2. - 3.	mg/kg	16 - 24	mg	1.6 - 2.4	mL
	Midazolam		1. mg/mL	0.2	mg/kg	1.6	mg	1.6	mL
	Rocuronium		10. mg/mL	1.	mg/kg	8.	mg	0.8	mL
	Succinylcholine	**Caution:** Pts with hyperkalemia.	20. mg/mL	1 - 2.	mg/kg	8 - 16.	mg	0.4 - 0.8	mL
	Vecuronium		1. mg/mL	0.1	mg/kg	0.8	mg	0.8	mL
Antidote	Flumazenil		0.1 mg/mL	0.01	mg/kg	0.08	mg	0.8	mL
	Naloxone		0.4 mg/mL	0.1	mg/kg	0.8	mg	2.	mL

Drips	Drug	Drip Concentration (mcg/mL)	Dose Range (mcg/kg/min.)	Patient Dose (mcg/kg/min.)	Rate (mL/hr)
	Amiodarone *	1800	5 - 15	5.	1.3
	Dopamine *	1600	5 - 20	5.	1.5
	Dobutamine *	4000	5 - 20	5.	0.6
	Epinephrine	10	0.1 - 1	0.1	4.8
	Lidocaine *	8000	20 - 50	20.	1.2
	Norepinephrine	16	0.1 - 2	0.1	3.0
	* Available in this concentration as a premix solution				

Anaphylaxis/Asthma					
	Epinephrine 1:1000 (IM/SQ)	1. mg/mL	0.01 mg/kg	0.08 mg	0.08 mL

	Weight (kg)	Fluid Requirement for 24 hrs	Fluid Requirement per hour
Daily:	8.	800.	33

First 10 kg = 100 mL/kg/24 hrs
Second 10 kg = 1000 mL + 50 mL/kg
Over 20 kg = 1500 mL + 20 mL/kg >20

Hourly:
Daily fluid requirement ÷ 24

*** Note Concentration**

Weight Verified by: _____ RN

RED DRAWER v.12.22.21

PROVIDENCE Children's Health

Patient Name test
Date

Weight kg	9.00

For Patients 8.1 kg to 9 kg
Emergency Pediatric Dosing Sheet

Chart represents Pediatric dosing by weight up to the usual adult dose

	Drug	Concentration *		Standard Dose	Patient Dose	Volume
Code	Epinephrine **(IV)**		0.1 mg/mL	0.01 mg/kg	0.09 mg	0.9 mL
	Epinephrine **(ET use ONLY)**		1. mg/mL	0.1 mg/kg	0.9 mg	0.9 mL
	Atropine		0.1 mg/mL	0.02 mg/kg	0.18 mg	1.8 mL
	Calcium Chloride		100. mg/mL	20. mg/kg	180. mg	1.8 mL
	Dextrose 25%		0.25 g/mL	0.5 g/kg	4.5 g	18. mL
	Magnesium		40. mg/ml	25 - 50. mg/kg	225 - 450 mg	5.625 - 11.25 mL
	NaBicarb 4.2%		0.5 mEq/ml	1. mEq/kg	9. mEq	18. mL
Rhythm	Adenosine		3. mg/mL	0.1 - 0.2 mg/kg	0.9 - 1.8 mg	0.3 - 0.6 mL
	Amiodarone		50. mg/mL	5. mg/kg	45. mg	0.9 mL
	Lidocaine 2%		20. mg/mL	1. mg/kg	9. mg	0.45 mL
	Cardioversion	1st Shock	0.5 J/kg	0.5 J/kg	4.5 Joules	
		2nd Shock	1. J/kg	1. J/kg	9. Joules	
	Defibrillation	1st Shock	2. J/kg	2. J/kg	18. Joules	
		2nd & 3rd Shock	4. J/kg	4. J/kg	36. Joules	
Rapid Sequence Intubation	Atropine		0.1 mg/mL	0.02 mg/kg	0.18 mg	1.8 mL
	Etomidate	Do **not** use in suspected sepsis!	2. mg/mL vial	0.3 mg/kg	2.7 mg	1.35 mL
	Fentanyl		50. mcg/mL	3. - 5. mcg/kg	27. - 45. mcg	0.54 - 0.9 mL
	Ketamine		10. mg/mL	1. - 2. mg/kg	9. - 18. mg	0.9 - 1.8 mL
	Propofol	**Caution:** Pts with sepsis or hypovolemia.	10. mg/mL	2. - 3. mg/kg	18 - 27 mg	1.8 - 2.7 mL
	Midazolam		1. mg/mL	0.2 mg/kg	1.8 mg	1.8 mL
	Rocuronium		10. mg/mL	1. mg/kg	9. mg	0.9 mL
	Succinylcholine	**Caution:** Pts with hyperkalemia.	20. mg/mL	1 - 2. mg/kg	9 - 18. mg	0.45 - 0.9 mL
	Vecuronium		1. mg/mL	0.1 mg/kg	0.9 mg	0.9 mL
Antidote	Flumazenil		0.1 mg/mL	0.01 mg/kg	0.09 mg	0.9 mL
	Naloxone		0.4 mg/mL	0.1 mg/kg	0.9 mg	2.25 mL

Drips	Drug	Drip Concentration (mcg/mL)	Dose Range (mcg/kg/min.)	Patient Dose (mcg/kg/min.)	Rate (mL/hr)
	Amiodarone *	1800	5 - 15	5.	1.5
	Dopamine *	1600	5 - 20	5.	1.7
	Dobutamine *	4000	5 - 20	5.	0.7
	Epinephrine	10	0.1 - 1	0.1	5.4
	Lidocaine *	8000	20 - 50	20.	1.4
	Norepinephrine	16	0.1 - 2	0.1	3.4
	* Available in this concentration as a premix solution				

Anaphylaxis/Asthma					
	Epinephrine 1:1000 (IM/SQ)	1. mg/mL	0.01 mg/kg	0.09 mg	0.09 mL

	Weight (kg)	Fluid Requirement for 24 hrs	Fluid Requirement per hour
Daily:	9.	900.	38

First 10 kg = 100 mL/kg/24 hrs
Second 10 kg = 1000 mL + 50 mL/kg
Over 20 kg = 1500 mL + 20 mL/kg >20

Hourly:
Daily fluid requirement ÷ 24

*** Note Concentration**

Weight Verified by: _____ RN

RED DRAWER v.12.22.21

PROVIDENCE Children's Health

Patient Name test
Date

Weight kg	10.00

For Patients 9.1 kg to 10 kg
Emergency Pediatric Dosing Sheet

Chart represents Pediatric dosing by weight up to the usual adult dose

	Drug	Concentration *		Standard Dose		Patient Dose		Volume	
Code	Epinephrine **(IV)**		0.1 mg/mL	0.01	mg/kg	0.1	mg	1.	mL
	Epinephrine **(ET use ONLY)**		1. mg/mL	0.1	mg/kg	1.	mg	1.	mL
	Atropine		0.1 mg/mL	0.02	mg/kg	0.2	mg	2.	mL
	Calcium Chloride		100. mg/mL	20.	mg/kg	200.	mg	2.	mL
	Dextrose 25%		0.25 g/mL	0.5	g/kg	5.	g	20.	mL
	Magnesium		40. mg/ml	25 - 50.	mg/kg	250 - 500	mg	6.25 - 12.5	mL
	NaBicarb 8.4%		1. mEq/ml	1.	mEq/kg	10.	mEq	10.	mL
Rhythm	Adenosine		3. mg/mL	0.1 - 0.2	mg/kg	1. - 2.	mg	0.33 - 0.67	mL
	Amiodarone		50. mg/mL	5.	mg/kg	50.	mg	1.	mL
	Lidocaine 2%		20. mg/mL	1.	mg/kg	10.	mg	0.5	mL
	Cardioversion	1st Shock	0.5 J/kg	0.5	J/kg	5.	Joules		
		2nd Shock	1. J/kg	1.	J/kg	10.	Joules		
	Defibrillation	1st Shock	2. J/kg	2.	J/kg	20.	Joules		
		2nd & 3rd Shock	4. J/kg	4.	J/kg	40.	Joules		
Rapid Sequence Intubation	Atropine		0.1 mg/mL	0.02	mg/kg	0.2	mg	2.	mL
	Etomidate	Do **not** use in suspected sepsis!	2. mg/mL vial	0.3	mg/kg	3.	mg	1.5	mL
	Fentanyl		50. mcg/mL	3. - 5.	mcg/kg	30. - 50.	mcg	0.6 - 1.	mL
	Ketamine		10. mg/mL	1. - 2.	mg/kg	10. - 20.	mg	1. - 2.	mL
	Propofol	**Caution:** Pts with sepsis or hypovolemia.	10. mg/mL	2. - 3.	mg/kg	20 - 30	mg	2. - 3.	mL
	Midazolam		1. mg/mL	0.2	mg/kg	2.	mg	2.	mL
	Rocuronium		10. mg/mL	1.	mg/kg	10.	mg	1.	mL
	Succinylcholine	**Caution:** Pts with hyperkalemia.	20. mg/mL	1 - 2.	mg/kg	10 - 20.	mg	0.5 - 1.	mL
	Vecuronium		1. mg/mL	0.1	mg/kg	1.	mg	1.	mL
Antidote	Flumazenil		0.1 mg/mL	0.01	mg/kg	0.1	mg	1.	mL
	Naloxone		0.4 mg/mL	0.1	mg/kg	1.	mg	2.5	mL

	Drug	Drip Concentration (mcg/mL)	Dose Range (mcg/kg/min.)	Patient Dose (mcg/kg/min.)	Rate (mL/hr)
Drips	Amiodarone *	1800	5 - 15	5.	1.7
	Dopamine *	1600	5 - 20	5.	1.9
	Dobutamine *	4000	5 - 20	5.	0.8
	Epinephrine	10	0.1 - 1	0.1	6.0
	Lidocaine *	8000	20 - 50	20.	1.5
	Norepinephrine	16	0.1 - 2	0.1	3.8
	* Available in this concentration as a premix solution				

Anaphylaxis/Asthma	Epinephrine 1:1000 (IM/SQ)	1.	mg/mL	0.01	mg/kg	0.1	mg	0.1	mL

	Weight (kg)	Fluid Requirement for 24 hrs	Fluid Requirement per hour
Daily:	10.	1000.	42

First 10 kg = 100 mL/kg/24 hrs
Second 10 kg = 1000 mL + 50 mL/kg
Over 20 kg = 1500 mL + 20 mL/kg >20

Hourly:
Daily fluid requirement ÷ 24

*** Note Concentration**

Weight Verified by: _____ RN

PURPLE DRAWER v.12.22.21

PROVIDENCE Children's Health

Patient Name test
Date

Weight kg	11.00

For Patients 10.1 kg to 11 kg
Emergency Pediatric Dosing Sheet

Chart represents Pediatric dosing by weight up to the usual adult dose

	Drug	Concentration *		Standard Dose		Patient Dose		Volume	
Code	Epinephrine **(IV)**		0.1 mg/mL	0.01	mg/kg	0.11	mg	1.1	mL
	Epinephrine **(ET use ONLY)**		1. mg/mL	0.1	mg/kg	1.1	mg	1.1	mL
	Atropine		0.1 mg/mL	0.02	mg/kg	0.22	mg	2.2	mL
	Calcium Chloride		100. mg/mL	20.	mg/kg	220.	mg	2.2	mL
	Dextrose 25%		0.25 g/mL	0.5	g/kg	5.5	g	22.	mL
	Magnesium		40. mg/ml	25 - 50.	mg/kg	275 - 550	mg	6.875 - 13.75	mL
	NaBicarb 8.4%		1. mEq/ml	1.	mEq/kg	11.	mEq	11.	mL
Rhythm	Adenosine		3. mg/mL	0.1 - 0.2	mg/kg	1.1 - 2.2	mg	0.37 - 0.73	mL
	Amiodarone		50. mg/mL	5.	mg/kg	55.	mg	1.1	mL
	Lidocaine 2%		20. mg/mL	1.	mg/kg	11.	mg	0.55	mL
	Cardioversion	1st Shock	0.5 J/kg	0.5	J/kg	5.5	Joules		
		2nd Shock	1. J/kg	1.	J/kg	11.	Joules		
	Defibrillation	1st Shock	2. J/kg	2.	J/kg	22.	Joules		
		2nd & 3rd Shock	4. J/kg	4.	J/kg	44.	Joules		
Rapid Sequence Intubation	Atropine		0.1 mg/mL	0.02	mg/kg	0.22	mg	2.2	mL
	Etomidate	Do **not** use in suspected sepsis!	2. mg/mL vial	0.3	mg/kg	3.3	mg	1.65	mL
	Fentanyl		50. mcg/mL	3. - 5.	mcg/kg	33. - 55.	mcg	0.66 - 1.1	mL
	Ketamine		10. mg/mL	1. - 2.	mg/kg	11. - 22.	mg	1.1 - 2.2	mL
	Propofol	**Caution:** Pts with sepsis or hypovolemia.	10. mg/mL	2. - 3.	mg/kg	22 - 33	mg	2.2 - 3.3	mL
	Midazolam		1. mg/mL	0.2	mg/kg	2.2	mg	2.2	mL
	Rocuronium		10. mg/mL	1.	mg/kg	11.	mg	1.1	mL
	Succinylcholine	**Caution:** Pts with hyperkalemia.	20. mg/mL	1 - 2.	mg/kg	11 - 22.	mg	0.55 - 1.1	mL
	Vecuronium		1. mg/mL	0.1	mg/kg	1.1	mg	1.1	mL
Antidote	Flumazenil		0.1 mg/mL	0.01	mg/kg	0.11	mg	1.1	mL
	Naloxone		0.4 mg/mL	0.1	mg/kg	1.1	mg	2.75	mL

Drips	Drug	Drip Concentration (mcg/mL)	Dose Range (mcg/kg/min.)	Patient Dose (mcg/kg/min.)	Rate (mL/hr)
	Amiodarone *	1800	5 - 15	5.	1.8
	Dopamine *	1600	5 - 20	5.	2.1
	Dobutamine *	4000	5 - 20	5.	0.8
	Epinephrine	10	0.1 - 1	0.1	6.6
	Lidocaine *	8000	20 - 50	20.	1.7
	Norepinephrine	16	0.1 - 2	0.1	4.1
	* Available in this concentration as a premix solution				

Anaphylaxis/Asthma					
	Epinephrine 1:1000 (IM/SQ)	1. mg/mL	0.01 mg/kg	0.11 mg	0.11 mL

	Weight (kg)	Fluid Requirement for 24 hrs	Fluid Requirement per hour
Daily:	11.	1050.	44

First 10 kg = 100 mL/kg/24 hrs
Second 10 kg = 1000 mL + 50 mL/kg
Over 20 kg = 1500 mL + 20 mL/kg >20

Hourly:
Daily fluid requirement ÷ 24

*** Note Concentration**

Weight Verified by: _____ RN

PURPLE DRAWER v.12.22.21

PROVIDENCE Children's Health

Patient Name test
Date

Weight kg	12.00

For Patients 11.1 kg to 12 kg
Emergency Pediatric Dosing Sheet

Chart represents Pediatric dosing by weight up to the usual adult dose

	Drug	Concentration *		Standard Dose		Patient Dose		Volume	
Code	Epinephrine **(IV)**		0.1 mg/mL	0.01	mg/kg	0.12	mg	1.2	mL
	Epinephrine **(ET use ONLY)**		1. mg/mL	0.1	mg/kg	1.2	mg	1.2	mL
	Atropine		0.1 mg/mL	0.02	mg/kg	0.24	mg	2.4	mL
	Calcium Chloride		100. mg/mL	20.	mg/kg	240.	mg	2.4	mL
	Dextrose 50`%		0.5 g/mL	0.5	g/kg	6.	g	12.	mL
	Magnesium		40. mg/ml	25 - 50.	mg/kg	300 - 600	mg	7.5 - 15	mL
	NaBicarb 8.4%		1. mEq/ml	1.	mEq/kg	12.	mEq	12.	mL
Rhythm	Adenosine		3. mg/mL	0.1 - 0.2	mg/kg	1.2 - 2.4	mg	0.4 - 0.8	mL
	Amiodarone		50. mg/mL	5.	mg/kg	60.	mg	1.2	mL
	Lidocaine 2%		20. mg/mL	1.	mg/kg	12.	mg	0.6	mL
	Cardioversion	1st Shock	0.5 J/kg	0.5	J/kg	6.	Joules		
		2nd Shock	1. J/kg	1.	J/kg	12.	Joules		
	Defibrillation	1st Shock	2. J/kg	2.	J/kg	24.	Joules		
		2nd & 3rd Shock	4. J/kg	4.	J/kg	48.	Joules		
Rapid Sequence Intubation	Atropine		0.1 mg/mL	0.02	mg/kg	0.24	mg	2.4	mL
	Etomidate	Do **not** use in suspected sepsis!	2. mg/mL vial	0.3	mg/kg	3.6	mg	1.8	mL
	Fentanyl		50. mcg/mL	3. - 5.	mcg/kg	36. - 60.	mcg	0.72 - 1.2	mL
	Ketamine		10. mg/mL	1. - 2.	mg/kg	12. - 24.	mg	1.2 - 2.4	mL
	Propofol	**Caution:** Pts with sepsis or hypovolemia.	10. mg/mL	2. - 3.	mg/kg	24 - 36	mg	2.4 - 3.6	mL
	Midazolam		1. mg/mL	0.2	mg/kg	2.4	mg	2.4	mL
	Rocuronium		10. mg/mL	1.	mg/kg	12.	mg	1.2	mL
	Succinylcholine	**Caution:** Pts with hyperkalemia.	20. mg/mL	1 - 2.	mg/kg	12 - 24.	mg	0.6 - 1.2	mL
	Vecuronium		1. mg/mL	0.1	mg/kg	1.2	mg	1.2	mL
Antidote	Flumazenil		0.1 mg/mL	0.01	mg/kg	0.12	mg	1.2	mL
	Naloxone		0.4 mg/mL	0.1	mg/kg	1.2	mg	3.	mL

Drips	**Drug**	**Drip Concentration (mcg/mL)**	**Dose Range (mcg/kg/min.)**	**Patient Dose (mcg/kg/min.)**	**Rate (mL/hr)**
	Amiodarone *	1800	5 - 15	5.	2.0
	Dopamine *	1600	5 - 20	5.	2.3
	Dobutamine *	4000	5 - 20	5.	0.9
	Epinephrine	10	0.1 - 1	0.1	7.2
	Lidocaine *	8000	20 - 50	20.	1.8
	Norepinephrine	16	0.1 - 2	0.1	4.5
	* Available in this concentration as a premix solution				

Anaphylaxis/Asthma									
	Epinephrine 1:1000 (IM/SQ)	1.	mg/mL	0.01	mg/kg	0.12	mg	0.12	mL

	Weight (kg)	**Fluid Requirement for 24 hrs**	**Fluid Requirement per hour**
Daily:	12.	1100.	46

First 10 kg = 100 mL/kg/24 hrs
Second 10 kg = 1000 mL + 50 mL/kg
Over 20 kg = 1500 mL + 20 mL/kg >20

Hourly:
Daily fluid requirement ÷ 24

*** Note Concentration**

Weight Verified by: _____ RN

PROVIDENCE Children's Health

Patient Name test
Date

Weight kg	13.00

For Patients 12.1 kg to 13 kg
Emergency Pediatric Dosing Sheet

Chart represents Pediatric dosing by weight up to the usual adult dose

	Drug	Concentration *		Standard Dose	Patient Dose	Volume
Code	Epinephrine **(IV)**		0.1 mg/mL	0.01 mg/kg	0.13 mg	1.3 mL
	Epinephrine **(ET use ONLY)**		1. mg/mL	0.1 mg/kg	1.3 mg	1.3 mL
	Atropine		0.1 mg/mL	0.02 mg/kg	0.26 mg	2.6 mL
	Calcium Chloride		100. mg/mL	20. mg/kg	260. mg	2.6 mL
	Dextrose 50%		0.5 g/mL	0.5 g/kg	6.5 g	13. mL
	Magnesium		40. mg/ml	25 - 50. mg/kg	325 - 650 mg	8.125 - 16.25 mL
	NaBicarb 8.4%		1. mEq/ml	1. mEq/kg	13. mEq	13. mL
Rhythm	Adenosine		3. mg/mL	0.1 - 0.2 mg/kg	1.3 - 2.6 mg	0.43 - 0.87 mL
	Amiodarone		50. mg/mL	5. mg/kg	65. mg	1.3 mL
	Lidocaine 2%		20. mg/mL	1. mg/kg	13. mg	0.65 mL
	Cardioversion	1st Shock	0.5 J/kg	0.5 J/kg	6.5 Joules	
		2nd Shock	1. J/kg	1. J/kg	13. Joules	
	Defibrillation	1st Shock	2. J/kg	2. J/kg	26. Joules	
		2nd & 3rd Shock	4. J/kg	4. J/kg	52. Joules	
Rapid Sequence Intubation	Atropine		0.1 mg/mL	0.02 mg/kg	0.26 mg	2.6 mL
	Etomidate	Do **not** use in suspected sepsis!	2. mg/mL vial	0.3 mg/kg	3.9 mg	1.95 mL
	Fentanyl		50. mcg/mL	3. - 5. mcg/kg	39. - 65. mcg	0.78 - 1.3 mL
	Ketamine		10. mg/mL	1. - 2. mg/kg	13. - 26. mg	1.3 - 2.6 mL
	Propofol	**Caution:** Pts with sepsis or hypovolemia.	10. mg/mL	2. - 3. mg/kg	26 - 39 mg	2.6 - 3.9 mL
	Midazolam		1. mg/mL	0.2 mg/kg	2.6 mg	2.6 mL
	Rocuronium		10. mg/mL	1. mg/kg	13. mg	1.3 mL
	Succinylcholine	**Caution:** Pts with hyperkalemia.	20. mg/mL	1 - 2. mg/kg	13 - 26. mg	0.65 - 1.3 mL
	Vecuronium		1. mg/mL	0.1 mg/kg	1.3 mg	1.3 mL
Antidote	Flumazenil		0.1 mg/mL	0.01 mg/kg	0.13 mg	1.3 mL
	Naloxone		0.4 mg/mL	0.1 mg/kg	1.3 mg	3.25 mL

Drips	**Drug**	**Drip Concentration (mcg/mL)**	**Dose Range (mcg/kg/min.)**	**Patient Dose (mcg/kg/min.)**	**Rate (mL/hr)**
	Amiodarone *	1800	5 - 15	5.	2.2
	Dopamine *	1600	5 - 20	5.	2.4
	Dobutamine *	4000	5 - 20	5.	1.0
	Epinephrine	10	0.1 - 1	0.1	7.8
	Lidocaine *	8000	20 - 50	20.	2.0
	Norepinephrine	16	0.1 - 2	0.1	4.9
	* Available in this concentration as a premix solution				

Anaphylaxis/Asthma					
	Epinephrine 1:1000 (IM/SQ)	1. mg/mL	0.01 mg/kg	0.13 mg	0.13 mL

	Weight (kg)	**Fluid Requirement for 24 hrs**	**Fluid Requirement per hour**
Daily:	13.	1150.	48

First 10 kg = 100 mL/kg/24 hrs
Second 10 kg = 1000 mL + 50 mL/kg
Over 20 kg = 1500 mL + 20 mL/kg >20

Hourly:
Daily fluid requirement ÷ 24

*** Note Concentration**

Weight Verified by: _____ RN

YELLOW DRAWER v.12.22.21

PROVIDENCE Children's Health

Patient Name test
Date

Weight kg	14.00

For Patients 13.1 kg to 14 kg
Emergency Pediatric Dosing Sheet

Chart represents Pediatric dosing by weight up to the usual adult dose

	Drug	Concentration *	Standard Dose	Patient Dose	Volume
Code	Epinephrine **(IV)**	0.1 mg/mL	0.01 mg/kg	0.14 mg	1.4 mL
	Epinephrine **(ET use ONLY)**	1. mg/mL	0.1 mg/kg	1.4 mg	1.4 mL
	Atropine	0.1 mg/mL	0.02 mg/kg	0.28 mg	2.8 mL
	Calcium Chloride	100. mg/mL	20. mg/kg	280. mg	2.8 mL
	Dextrose 50%	0.5 g/mL	0.5 g/kg	7. g	14. mL
	Magnesium	40. mg/ml	25 - 50. mg/kg	350 - 700 mg	8.75 - 17.5 mL
	NaBicarb 8.4%	1. mEq/ml	1. mEq/kg	14. mEq	14. mL
Rhythm	Adenosine	3. mg/mL	0.1 - 0.2 mg/kg	1.4 - 2.8 mg	0.47 - 0.93 mL
	Amiodarone	50. mg/mL	5. mg/kg	70. mg	1.4 mL
	Lidocaine 2%	20. mg/mL	1. mg/kg	14. mg	0.7 mL
	Cardioversion 1st Shock	0.5 J/kg	0.5 J/kg	7. Joules	
	Cardioversion 2nd Shock	1. J/kg	1. J/kg	14. Joules	
	Defibrillation 1st Shock	2. J/kg	2. J/kg	28. Joules	
	Defibrillation 2nd & 3rd Shock	4. J/kg	4. J/kg	56. Joules	
Rapid Sequence Intubation	Atropine	0.1 mg/mL	0.02 mg/kg	0.28 mg	2.8 mL
	Etomidate	Do **not** use in suspected sepsis! 2. mg/mL vial	0.3 mg/kg	4.2 mg	2.1 mL
	Fentanyl	50. mcg/mL	3. - 5. mcg/kg	42. - 70. mcg	0.84 - 1.4 mL
	Ketamine	10. mg/mL	1. - 2. mg/kg	14. - 28. mg	1.4 - 2.8 mL
	Propofol	**Caution:** Pts with sepsis or hypovolemia. 10. mg/mL	2. - 3. mg/kg	28 - 42 mg	2.8 - 4.2 mL
	Midazolam	1. mg/mL	0.2 mg/kg	2.8 mg	2.8 mL
	Rocuronium	10. mg/mL	1. mg/kg	14. mg	1.4 mL
	Succinylcholine	**Caution:** Pts with hyperkalemia. 20. mg/mL	1 - 2. mg/kg	14 - 28. mg	0.7 - 1.4 mL
	Vecuronium	1. mg/mL	0.1 mg/kg	1.4 mg	1.4 mL
Antidote	Flumazenil	0.1 mg/mL	0.01 mg/kg	0.14 mg	1.4 mL
	Naloxone	0.4 mg/mL	0.1 mg/kg	1.4 mg	3.5 mL

Drips	Drug	Drip Concentration (mcg/mL)	Dose Range (mcg/kg/min.)	Patient Dose (mcg/kg/min.)	Rate (mL/hr)
	Amiodarone *	1800	5 - 15	5.	2.3
	Dopamine *	1600	5 - 20	5.	2.6
	Dobutamine *	4000	5 - 20	5.	1.1
	Epinephrine	10	0.1 - 1	0.1	8.4
	Lidocaine *	8000	20 - 50	20.	2.1
	Norepinephrine	16	0.1 - 2	0.1	5.3
	* Available in this concentration as a premix solution				

Anaphylaxis/Asthma					
	Epinephrine 1:1000 (IM/SQ)	1. mg/mL	0.01 mg/kg	0.14 mg	0.14 mL

	Weight (kg)	Fluid Requirement for 24 hrs	Fluid Requirement per hour
Daily:	14.	1200.	50

First 10 kg = 100 mL/kg/24 hrs
Second 10 kg = 1000 mL + 50 mL/kg
Over 20 kg = 1500 mL + 20 mL/kg >20

Hourly:
Daily fluid requirement ÷ 24

*** Note Concentration**

Weight Verified by: _____ RN

YELLOW DRAWER v.12.22.21

PROVIDENCE Children's Health

Patient Name test
Date

Weight kg	15.00

For Patients 14.1 kg to 15 kg
Emergency Pediatric Dosing Sheet

Chart represents Pediatric dosing by weight up to the usual adult dose

	Drug	Concentration *		Standard Dose	Patient Dose	Volume
Code	Epinephrine **(IV)**		0.1 mg/mL	0.01 mg/kg	0.15 mg	1.5 mL
	Epinephrine **(ET use ONLY)**		1. mg/mL	0.1 mg/kg	1.5 mg	1.5 mL
	Atropine		0.1 mg/mL	0.02 mg/kg	0.3 mg	3. mL
	Calcium Chloride		100. mg/mL	20. mg/kg	300. mg	3. mL
	Dextrose 50%		0.5 g/mL	0.5 g/kg	7.5 g	15. mL
	Magnesium		40. mg/ml	25 - 50. mg/kg	375 - 750 mg	9.375 - 18.75 mL
	NaBicarb 8.4%		1. mEq/ml	1. mEq/kg	15. mEq	15. mL
Rhythm	Adenosine		3. mg/mL	0.1 - 0.2 mg/kg	1.5 - 3. mg	0.5 - 1. mL
	Amiodarone		50. mg/mL	5. mg/kg	75. mg	1.5 mL
	Lidocaine 2%		20. mg/mL	1. mg/kg	15. mg	0.75 mL
	Cardioversion	1st Shock	0.5 J/kg	0.5 J/kg	7.5 Joules	
		2nd Shock	1. J/kg	1. J/kg	15. Joules	
	Defibrillation	1st Shock	2. J/kg	2. J/kg	30. Joules	
		2nd & 3rd Shock	4. J/kg	4. J/kg	60. Joules	
Rapid Sequence Intubation	Atropine		0.1 mg/mL	0.02 mg/kg	0.3 mg	3. mL
	Etomidate	Do **not** use in suspected sepsis!	2. mg/mL vial	0.3 mg/kg	4.5 mg	2.25 mL
	Fentanyl		50. mcg/mL	3. - 5. mcg/kg	45. - 75. mcg	0.9 - 1.5 mL
	Ketamine		10. mg/mL	1. - 2. mg/kg	15. - 30. mg	1.5 - 3. mL
	Propofol	**Caution:** Pts with sepsis or hypovolemia.	10. mg/mL	2. - 3. mg/kg	30 - 45 mg	3. - 4.5 mL
	Midazolam		1. mg/mL	0.2 mg/kg	3. mg	3. mL
	Rocuronium		10. mg/mL	1. mg/kg	15. mg	1.5 mL
	Succinylcholine	**Caution:** Pts with hyperkalemia.	20. mg/mL	1 - 2. mg/kg	15 - 30. mg	0.75 - 1.5 mL
	Vecuronium		1. mg/mL	0.1 mg/kg	1.5 mg	1.5 mL
Antidote	Flumazenil		0.1 mg/mL	0.01 mg/kg	0.15 mg	1.5 mL
	Naloxone		0.4 mg/mL	0.1 mg/kg	1.5 mg	3.75 mL

Drips	Drug	Drip Concentration (mcg/mL)	Dose Range (mcg/kg/min.)	Patient Dose (mcg/kg/min.)	Rate (mL/hr)
	Amiodarone *	1800	5 - 15	5.	2.5
	Dopamine *	1600	5 - 20	5.	2.8
	Dobutamine *	4000	5 - 20	5.	1.1
	Epinephrine	10	0.1 - 1	0.1	9.0
	Lidocaine *	8000	20 - 50	20.	2.3
	Norepinephrine	16	0.1 - 2	0.1	5.6
	* Available in this concentration as a premix solution				

Anaphylaxis/Asthma					
	Epinephrine 1:1000 (IM/SQ)	1. mg/mL	0.01 mg/kg	0.15 mg	0.15 mL

	Weight (kg)	Fluid Requirement for 24 hrs	Fluid Requirement per hour
Daily:	15.	1250.	52

First 10 kg = 100 mL/kg/24 hrs
Second 10 kg = 1000 mL + 50 mL/kg
Over 20 kg = 1500 mL + 20 mL/kg >20

Hourly:
Daily fluid requirement ÷ 24

*** Note Concentration**

Weight Verified by: _____ RN

PROVIDENCE Children's Health

Patient Name test
Date

Weight kg	16.00

For Patients 15.1 kg to 16 kg
Emergency Pediatric Dosing Sheet

Chart represents Pediatric dosing by weight up to the usual adult dose

	Drug	Concentration *		Standard Dose	Patient Dose	Volume
Code	Epinephrine **(IV)**		0.1 mg/mL	0.01 mg/kg	0.16 mg	1.6 mL
	Epinephrine **(ET use ONLY)**		1. mg/mL	0.1 mg/kg	1.6 mg	1.6 mL
	Atropine		0.1 mg/mL	0.02 mg/kg	0.32 mg	3.2 mL
	Calcium Chloride		100. mg/mL	20. mg/kg	320. mg	3.2 mL
	Dextrose 50%		0.5 g/mL	0.5 g/kg	8. g	16. mL
	Magnesium		40. mg/ml	25 - 50. mg/kg	400 - 800 mg	10 - 20 mL
	NaBicarb 8.4%		1. mEq/ml	1. mEq/kg	16. mEq	16. mL
Rhythm	Adenosine		3. mg/mL	0.1 - 0.2 mg/kg	1.6 - 3.2 mg	0.53 - 1.07 mL
	Amiodarone		50. mg/mL	5. mg/kg	80. mg	1.6 mL
	Lidocaine 2%		20. mg/mL	1. mg/kg	16. mg	0.8 mL
	Cardioversion	1st Shock	0.5 J/kg	0.5 J/kg	8. Joules	
		2nd Shock	1. J/kg	1. J/kg	16. Joules	
	Defibrillation	1st Shock	2. J/kg	2. J/kg	32. Joules	
		2nd & 3rd Shock	4. J/kg	4. J/kg	64. Joules	
Rapid Sequence Intubation	Atropine		0.1 mg/mL	0.02 mg/kg	0.32 mg	3.2 mL
	Etomidate	Do **not** use in suspected sepsis!	2. mg/mL vial	0.3 mg/kg	4.8 mg	2.4 mL
	Fentanyl		50. mcg/mL	3. - 5. mcg/kg	48. - 80. mcg	0.96 - 1.6 mL
	Ketamine		10. mg/mL	1. - 2. mg/kg	16. - 32. mg	1.6 - 3.2 mL
	Propofol	**Caution:** Pts with sepsis or hypovolemia.	10. mg/mL	2. - 3. mg/kg	32 - 48 mg	3.2 - 4.8 mL
	Midazolam		1. mg/mL	0.2 mg/kg	3.2 mg	3.2 mL
	Rocuronium		10. mg/mL	1. mg/kg	16. mg	1.6 mL
	Succinylcholine	**Caution:** Pts with hyperkalemia.	20. mg/mL	1 - 2. mg/kg	16 - 32. mg	0.8 - 1.6 mL
	Vecuronium		1. mg/mL	0.1 mg/kg	1.6 mg	1.6 mL
Antidote	Flumazenil		0.1 mg/mL	0.01 mg/kg	0.16 mg	1.6 mL
	Naloxone		0.4 mg/mL	0.1 mg/kg	1.6 mg	4. mL

Drips	Drug	Drip Concentration (mcg/mL)	Dose Range (mcg/kg/min.)	Patient Dose (mcg/kg/min.)	Rate (mL/hr)
	Amiodarone *	1800	5 - 15	5.	2.7
	Dopamine *	1600	5 - 20	5.	3.0
	Dobutamine *	4000	5 - 20	5.	1.2
	Epinephrine	10	0.1 - 1	0.1	9.6
	Lidocaine *	8000	20 - 50	20.	2.4
	Norepinephrine	16	0.1 - 2	0.1	6.0
	* Available in this concentration as a premix solution				

Anaphylaxis/Asthma					
	Epinephrine 1:1000 (IM/SQ)	1. mg/mL	0.01 mg/kg	0.16 mg	0.16 mL

	Weight (kg)	Fluid Requirement for 24 hrs	Fluid Requirement per hour
Daily:	16.	1300.	54

First 10 kg = 100 mL/kg/24 hrs
Second 10 kg = 1000 mL + 50 mL/kg
Over 20 kg = 1500 mL + 20 mL/kg >20

Hourly:
Daily fluid requirement ÷ 24

*** Note Concentration**

Weight Verified by: _____ RN

PROVIDENCE Children's Health

Patient Name test
Date

Weight kg	17.00

For Patients 16.1 kg to 17 kg
Emergency Pediatric Dosing Sheet

Chart represents Pediatric dosing by weight up to the usual adult dose

	Drug	Concentration *		Standard Dose	Patient Dose	Volume
Code	Epinephrine **(IV)**		0.1 mg/mL	0.01 mg/kg	0.17 mg	1.7 mL
	Epinephrine **(ET use ONLY)**		1. mg/mL	0.1 mg/kg	1.7 mg	1.7 mL
	Atropine		0.1 mg/mL	0.02 mg/kg	0.34 mg	3.4 mL
	Calcium Chloride		100. mg/mL	20. mg/kg	340. mg	3.4 mL
	Dextrose 50%		0.5 g/mL	0.5 g/kg	8.5 g	17. mL
	Magnesium		40. mg/ml	25 - 50. mg/kg	425 - 850 mg	10.63 - 21.25 mL
	NaBicarb 8.4%		1. mEq/ml	1. mEq/kg	17. mEq	17. mL
Rhythm	Adenosine		3. mg/mL	0.1 - 0.2 mg/kg	1.7 - 3.4 mg	0.57 - 1.13 mL
	Amiodarone		50. mg/mL	5. mg/kg	85. mg	1.7 mL
	Lidocaine 2%		20. mg/mL	1. mg/kg	17. mg	0.85 mL
	Cardioversion	1st Shock	0.5 J/kg	0.5 J/kg	8.5 Joules	
		2nd Shock	1. J/kg	1. J/kg	17. Joules	
	Defibrillation	1st Shock	2. J/kg	2. J/kg	34. Joules	
		2nd & 3rd Shock	4. J/kg	4. J/kg	68. Joules	
Rapid Sequence Intubation	Atropine		0.1 mg/mL	0.02 mg/kg	0.34 mg	3.4 mL
	Etomidate	Do **not** use in suspected sepsis!	2. mg/mL vial	0.3 mg/kg	5.1 mg	2.55 mL
	Fentanyl		50. mcg/mL	3. - 5. mcg/kg	51. - 85. mcg	1.02 - 1.7 mL
	Ketamine		10. mg/mL	1. - 2. mg/kg	17. - 34. mg	1.7 - 3.4 mL
	Propofol	**Caution:** Pts with sepsis or hypovolemia.	10. mg/mL	2. - 3. mg/kg	34 - 51 mg	3.4 - 5.1 mL
	Midazolam		1. mg/mL	0.2 mg/kg	3.4 mg	3.4 mL
	Rocuronium		10. mg/mL	1. mg/kg	17. mg	1.7 mL
	Succinylcholine	**Caution:** Pts with hyperkalemia.	20. mg/mL	1 - 2. mg/kg	17 - 34. mg	0.85 - 1.7 mL
	Vecuronium		1. mg/mL	0.1 mg/kg	1.7 mg	1.7 mL
Antidote	Flumazenil		0.1 mg/mL	0.01 mg/kg	0.17 mg	1.7 mL
	Naloxone		0.4 mg/mL	0.1 mg/kg	1.7 mg	4.25 mL

Drips	Drug	Drip Concentration (mcg/mL)	Dose Range (mcg/kg/min.)	Patient Dose (mcg/kg/min.)	Rate (mL/hr)
	Amiodarone *	1800	5 - 15	5.	2.8
	Dopamine *	1600	5 - 20	5.	3.2
	Dobutamine *	4000	5 - 20	5.	1.3
	Epinephrine	10	0.1 - 1	0.1	10.2
	Lidocaine *	8000	20 - 50	20.	2.6
	Norepinephrine	16	0.1 - 2	0.1	6.4
	* Available in this concentration as a premix solution				

Anaphylaxis/Asthma					
	Epinephrine 1:1000 (IM/SQ)	1. mg/mL	0.01 mg/kg	0.17 mg	0.17 mL

	Weight (kg)	Fluid Requirement for 24 hrs	Fluid Requirement per hour
Daily:	17.	1350.	56

First 10 kg = 100 mL/kg/24 hrs
Second 10 kg = 1000 mL + 50 mL/kg
Over 20 kg = 1500 mL + 20 mL/kg >20

Hourly:
Daily fluid requirement ÷ 24

*** Note Concentration**

Weight Verified by: _____ RN

PROVIDENCE Children's Health

Patient Name test
Date

Weight kg	18.00

For Patients 17.1 kg to 18 kg
Emergency Pediatric Dosing Sheet

Chart represents Pediatric dosing by weight up to the usual adult dose

	Drug	Concentration *		Standard Dose	Patient Dose	Volume
Code	Epinephrine **(IV)**		0.1 mg/mL	0.01 mg/kg	0.18 mg	1.8 mL
	Epinephrine **(ET use ONLY)**		1. mg/mL	0.1 mg/kg	1.8 mg	1.8 mL
	Atropine		0.1 mg/mL	0.02 mg/kg	0.36 mg	3.6 mL
	Calcium Chloride		100. mg/mL	20. mg/kg	360. mg	3.6 mL
	Dextrose 50%		0.5 g/mL	0.5 g/kg	9. g	18. mL
	Magnesium		40. mg/ml	25 - 50. mg/kg	450 - 900 mg	11.25 - 22.5 mL
	NaBicarb 8.4%		1. mEq/ml	1. mEq/kg	18. mEq	18. mL
Rhythm	Adenosine		3. mg/mL	0.1 - 0.2 mg/kg	1.8 - 3.6 mg	0.6 - 1.2 mL
	Amiodarone		50. mg/mL	5. mg/kg	90. mg	1.8 mL
	Lidocaine 2%		20. mg/mL	1. mg/kg	18. mg	0.9 mL
	Cardioversion	1st Shock	0.5 J/kg	0.5 J/kg	9. Joules	
		2nd Shock	1. J/kg	1. J/kg	18. Joules	
	Defibrillation	1st Shock	2. J/kg	2. J/kg	36. Joules	
		2nd & 3rd Shock	4. J/kg	4. J/kg	72. Joules	
Rapid Sequence Intubation	Atropine		0.1 mg/mL	0.02 mg/kg	0.36 mg	3.6 mL
	Etomidate	Do **not** use in suspected sepsis!	2. mg/mL vial	0.3 mg/kg	5.4 mg	2.7 mL
	Fentanyl		50. mcg/mL	3. - 5. mcg/kg	54. - 90. mcg	1.08 - 1.8 mL
	Ketamine		10. mg/mL	1. - 2. mg/kg	18. - 36. mg	1.8 - 3.6 mL
	Propofol	**Caution:** Pts with sepsis or hypovolemia.	10. mg/mL	2. - 3. mg/kg	36 - 54 mg	3.6 - 5.4 mL
	Midazolam		1. mg/mL	0.2 mg/kg	3.6 mg	3.6 mL
	Rocuronium		10. mg/mL	1. mg/kg	18. mg	1.8 mL
	Succinylcholine	**Caution:** Pts with hyperkalemia.	20. mg/mL	1 - 2. mg/kg	18 - 36. mg	0.9 - 1.8 mL
	Vecuronium		1. mg/mL	0.1 mg/kg	1.8 mg	1.8 mL
Antidote	Flumazenil		0.1 mg/mL	0.01 mg/kg	0.18 mg	1.8 mL
	Naloxone		0.4 mg/mL	0.1 mg/kg	1.8 mg	4.5 mL

	Drug	Drip Concentration (mcg/mL)	Dose Range (mcg/kg/min.)	Patient Dose (mcg/kg/min.)	Rate (mL/hr)
Drips	Amiodarone *	1800	5 - 15	5.	3.0
	Dopamine *	1600	5 - 20	5.	3.4
	Dobutamine *	4000	5 - 20	5.	1.4
	Epinephrine	10	0.1 - 1	0.1	10.8
	Lidocaine *	8000	20 - 50	20.	2.7
	Norepinephrine	16	0.1 - 2	0.1	6.8
	* Available in this concentration as a premix solution				

Anaphylaxis/Asthma	Epinephrine 1:1000 (IM/SQ)	1. mg/mL	0.01 mg/kg	0.18 mg	0.18 mL

	Weight (kg)	Fluid Requirement for 24 hrs	Fluid Requirement per hour
Daily:	18.	1400.	58

First 10 kg = 100 mL/kg/24 hrs
Second 10 kg = 1000 mL + 50 mL/kg
Over 20 kg = 1500 mL + 20 mL/kg >20

Hourly:
Daily fluid requirement ÷ 24

*** Note Concentration**

Weight Verified by: _____ RN

WHITE DRAWER v.12.22.22

PROVIDENCE Children's Health

Patient Name test
Date

Weight kg	19.00

For Patients 18.1 kg to 19 kg
Emergency Pediatric Dosing Sheet

Chart represents Pediatric dosing by weight up to the usual adult dose

	Drug	Concentration *	Standard Dose	Patient Dose	Volume
Code	Epinephrine **(IV)**	0.1 mg/mL	0.01 mg/kg	0.19 mg	1.9 mL
	Epinephrine **(ET use ONLY)**	1. mg/mL	0.1 mg/kg	1.9 mg	1.9 mL
	Atropine	0.1 mg/mL	0.02 mg/kg	0.38 mg	3.8 mL
	Calcium Chloride	100. mg/mL	20. mg/kg	380. mg	3.8 mL
	Dextrose 50%	0.5 g/mL	0.5 g/kg	9.5 g	19. mL
	Magnesium	40. mg/ml	25 - 50. mg/kg	475 - 950 mg	11.88 - 23.75 mL
	NaBicarb 8.4%	1. mEq/ml	1. mEq/kg	19. mEq	19. mL
Rhythm	Adenosine	3. mg/mL	0.1 - 0.2 mg/kg	1.9 - 3.8 mg	0.63 - 1.27 mL
	Amiodarone	50. mg/mL	5. mg/kg	95. mg	1.9 mL
	Lidocaine 2%	20. mg/mL	1. mg/kg	19. mg	0.95 mL
	Cardioversion	1st Shock 0.5 J/kg	0.5 J/kg	9.5 Joules	
		2nd Shock 1. J/kg	1. J/kg	19. Joules	
	Defibrillation	1st Shock 2. J/kg	2. J/kg	38. Joules	
		2nd & 3rd Shock 4. J/kg	4. J/kg	76. Joules	
Rapid Sequence Intubation	Atropine	0.1 mg/mL	0.02 mg/kg	0.38 mg	3.8 mL
	Etomidate	Do **not** use in suspected sepsis! 2. mg/mL vial	0.3 mg/kg	5.7 mg	2.85 mL
	Fentanyl	50. mcg/mL	3. - 5. mcg/kg	57. - 95. mcg	1.14 - 1.9 mL
	Ketamine	10. mg/mL	1. - 2. mg/kg	19. - 38. mg	1.9 - 3.8 mL
	Propofol	**Caution:** Pts with sepsis or hypovolemia. 10. mg/mL	2. - 3. mg/kg	38 - 57 mg	3.8 - 5.7 mL
	Midazolam	1. mg/mL	0.2 mg/kg	3.8 mg	3.8 mL
	Rocuronium	10. mg/mL	1. mg/kg	19. mg	1.9 mL
	Succinylcholine	**Caution:** Pts with hyperkalemia. 20. mg/mL	1 - 2. mg/kg	19 - 38. mg	0.95 - 1.9 mL
	Vecuronium	1. mg/mL	0.1 mg/kg	1.9 mg	1.9 mL
Antidote	Flumazenil	0.1 mg/mL	0.01 mg/kg	0.19 mg	1.9 mL
	Naloxone	0.4 mg/mL	0.1 mg/kg	1.9 mg	4.75 mL

Drips	Drug	Drip Concentration (mcg/mL)	Dose Range (mcg/kg/min.)	Patient Dose (mcg/kg/min.)	Rate (mL/hr)
	Amiodarone *	1800	5 - 15	5.	3.2
	Dopamine *	1600	5 - 20	5.	3.6
	Dobutamine *	4000	5 - 20	5.	1.4
	Epinephrine	10	0.1 - 1	0.1	11.4
	Lidocaine *	8000	20 - 50	20.	2.9
	Norepinephrine	16	0.1 - 2	0.1	7.1
	* Available in this concentration as a premix solution				

Anaphylaxis/Asthma					
	Epinephrine 1:1000 (IM/SQ)	1. mg/mL	0.01 mg/kg	0.19 mg	0.19 mL

	Weight (kg)	Fluid Requirement for 24 hrs	Fluid Requirement per hour
Daily:	19.	1450.	60

First 10 kg = 100 mL/kg/24 hrs
Second 10 kg = 1000 mL + 50 mL/kg
Over 20 kg = 1500 mL + 20 mL/kg >20

Hourly:
Daily fluid requirement ÷ 24

*** Note Concentration**

Weight Verified by: _____ RN

BLUE DRAWER v.12.22.21

PROVIDENCE Children's Health

Patient Name test
Date

Weight kg 20.00

For Patients 19.1 kg to 20 kg
Emergency Pediatric Dosing Sheet

Chart represents Pediatric dosing by weight up to the usual adult dose

	Drug	Concentration *		Standard Dose	Patient Dose	Volume
Code	Epinephrine **(IV)**		0.1 mg/mL	0.01 mg/kg	0.2 mg	2. mL
	Epinephrine **(ET use ONLY)**		1. mg/mL	0.1 mg/kg	2. mg	2. mL
	Atropine		0.1 mg/mL	0.02 mg/kg	0.4 mg	4. mL
	Calcium Chloride		100. mg/mL	20. mg/kg	400. mg	4. mL
	Dextrose 50%		0.5 g/mL	0.5 g/kg	10. g	20. mL
	Magnesium		40. mg/ml	25 - 50. mg/kg	500 - 1000 mg	12.5 - 25 mL
	NaBicarb 8.4%		1. mEq/ml	1. mEq/kg	20. mEq	20. mL
Rhythm	Adenosine		3. mg/mL	0.1 - 0.2 mg/kg	2. - 4. mg	0.67 - 1.33 mL
	Amiodarone		50. mg/mL	5. mg/kg	100. mg	2. mL
	Lidocaine 2%		20. mg/mL	1. mg/kg	20. mg	1. mL
	Cardioversion	1st Shock	0.5 J/kg	0.5 J/kg	10. Joules	
		2nd Shock	1. J/kg	1. J/kg	20. Joules	
	Defibrillation	1st Shock	2. J/kg	2. J/kg	40. Joules	
		2nd & 3rd Shock	4. J/kg	4. J/kg	80. Joules	
Rapid Sequence Intubation	Atropine		0.1 mg/mL	0.02 mg/kg	0.4 mg	4. mL
	Etomidate	Do **not** use in suspected sepsis!	2. mg/mL vial	0.3 mg/kg	6. mg	3. mL
	Fentanyl		50. mcg/mL	3. - 5. mcg/kg	60. - 100. mcg	1.2 - 2. mL
	Ketamine		10. mg/mL	1. - 2. mg/kg	20. - 40. mg	2. - 4. mL
	Propofol	**Caution:** Pts with sepsis or hypovolemia.	10. mg/mL	2. - 3. mg/kg	40 - 60 mg	4. - 6. mL
	Midazolam		1. mg/mL	0.2 mg/kg	4. mg	4. mL
	Rocuronium		10. mg/mL	1. mg/kg	20. mg	2. mL
	Succinylcholine	**Caution:** Pts with hyperkalemia.	20. mg/mL	1 - 2. mg/kg	20 - 40. mg	1. - 2. mL
	Vecuronium		1. mg/mL	0.1 mg/kg	2. mg	2. mL
Antidote	Flumazenil		0.1 mg/mL	0.01 mg/kg	0.2 mg	2. mL
	Naloxone		0.4 mg/mL	0.1 mg/kg	2. mg	5. mL

Drips	Drug	Drip Concentration (mcg/mL)	Dose Range (mcg/kg/min.)	Patient Dose (mcg/kg/min.)	Rate (mL/hr)
	Amiodarone *	1800	5 - 15	5.	3.3
	Dopamine *	1600	5 - 20	5.	3.8
	Dobutamine *	4000	5 - 20	5.	1.5
	Epinephrine	10	0.1 - 1	0.1	12.0
	Lidocaine *	8000	20 - 50	20.	3.0
	Norepinephrine	16	0.1 - 2	0.1	7.5
	* Available in this concentration as a premix solution				

Anaphylaxis/Asthma					
	Epinephrine 1:1000 (IM/SQ)	1. mg/mL	0.01 mg/kg	0.2 mg	0.2 mL

	Weight (kg)	Fluid Requirement for 24 hrs	Fluid Requirement per hour
Daily:	20.	1500.	63

First 10 kg = 100 mL/kg/24 hrs
Second 10 kg = 1000 mL + 50 mL/kg
Over 20 kg = 1500 mL + 20 mL/kg >20

Hourly:
Daily fluid requirement ÷ 24

*** Note Concentration**

Weight Verified by: _____ RN

BLUE DRAWER v.12.22.21

PROVIDENCE Children's Health

Patient Name test
Date

Weight kg	21.00

For Patients 20.1 kg to 21 kg
Emergency Pediatric Dosing Sheet

Chart represents Pediatric dosing by weight up to the usual adult dose

	Drug	Concentration *	Standard Dose	Patient Dose	Volume
Code	Epinephrine **(IV)**	0.1 mg/mL	0.01 mg/kg	0.21 mg	2.1 mL
	Epinephrine **(ET use ONLY)**	1. mg/mL	0.1 mg/kg	2.1 mg	2.1 mL
	Atropine	0.1 mg/mL	0.02 mg/kg	0.42 mg	4.2 mL
	Calcium Chloride	100. mg/mL	20. mg/kg	420. mg	4.2 mL
	Dextrose 50%	0.5 g/mL	0.5 g/kg	10.5 g	21. mL
	Magnesium	40. mg/ml	25 - 50. mg/kg	525 - 1050 mg	13.13 - 26.25 mL
	NaBicarb 8.4%	1. mEq/ml	1. mEq/kg	21. mEq	21. mL
Rhythm	Adenosine	3. mg/mL	0.1 - 0.2 mg/kg	2.1 - 4.2 mg	0.7 - 1.4 mL
	Amiodarone	50. mg/mL	5. mg/kg	105. mg	2.1 mL
	Lidocaine 2%	20. mg/mL	1. mg/kg	21. mg	1.05 mL
	Cardioversion	1st Shock 0.5 J/kg	0.5 J/kg	10.5 Joules	
		2nd Shock 1. J/kg	1. J/kg	21. Joules	
	Defibrillation	1st Shock 2. J/kg	2. J/kg	42. Joules	
		2nd & 3rd Shock 4. J/kg	4. J/kg	84. Joules	
Rapid Sequence Intubation	Atropine	0.1 mg/mL	0.02 mg/kg	0.42 mg	4.2 mL
	Etomidate	Do **not** use in suspected sepsis! 2. mg/mL vial	0.3 mg/kg	6.3 mg	3.15 mL
	Fentanyl	50. mcg/mL	3. - 5. mcg/kg	63. - 100. mcg	1.26 - 2. mL
	Ketamine	10. mg/mL	1. - 2. mg/kg	21. - 42. mg	2.1 - 4.2 mL
	Propofol	**Caution:** Pts with sepsis or hypovolemia. 10. mg/mL	2. - 3. mg/kg	42 - 63 mg	4.2 - 6.3 mL
	Midazolam	1. mg/mL	0.2 mg/kg	4.2 mg	4.2 mL
	Rocuronium	10. mg/mL	1. mg/kg	21. mg	2.1 mL
	Succinylcholine	**Caution:** Pts with hyperkalemia. 20. mg/mL	1 - 2. mg/kg	21 - 42. mg	1.05 - 2.1 mL
	Vecuronium	1. mg/mL	0.1 mg/kg	2.1 mg	2.1 mL
Antidote	Flumazenil	0.1 mg/mL	0.01 mg/kg	0.2 mg	2. mL
	Naloxone	0.4 mg/mL	0.1 mg/kg	2. mg	5. mL

	Drug	Drip Concentration (mcg/mL)	Dose Range (mcg/kg/min.)	Patient Dose (mcg/kg/min.)	Rate (mL/hr)
Drips	Amiodarone *	1800	5 - 15	5.	3.5
	Dopamine *	1600	5 - 20	5.	3.9
	Dobutamine *	4000	5 - 20	5.	1.6
	Epinephrine	10	0.1 - 1	0.1	12.6
	Lidocaine *	8000	20 - 50	20.	3.2
	Norepinephrine	16	0.1 - 2	0.1	7.9
	* Available in this concentration as a premix solution				

Anaphylaxis/Asthma	Epinephrine 1:1000 (IM/SQ)	1. mg/mL	0.01 mg/kg	0.21 mg	0.21 mL

	Weight (kg)	Fluid Requirement for 24 hrs	Fluid Requirement per hour
Daily:	21.	1520.	63

First 10 kg = 100 mL/kg/24 hrs
Second 10 kg = 1000 mL + 50 mL/kg
Over 20 kg = 1500 mL + 20 mL/kg >20

Hourly:
Daily fluid requirement ÷ 24

*** Note Concentration**

Weight Verified by: _____ RN

BLUE DRAWER v.12.22.21

PROVIDENCE Children's Health

Patient Name test
Date

Weight kg	22.00

For Patients 21.1 kg to 22 kg
Emergency Pediatric Dosing Sheet

Chart represents Pediatric dosing by weight up to the usual adult dose

	Drug	Concentration *	Standard Dose	Patient Dose	Volume
Code	Epinephrine **(IV)**	0.1 mg/mL	0.01 mg/kg	0.22 mg	2.2 mL
	Epinephrine **(ET use ONLY)**	1. mg/mL	0.1 mg/kg	2.2 mg	2.2 mL
	Atropine	0.1 mg/mL	0.02 mg/kg	0.44 mg	4.4 mL
	Calcium Chloride	100. mg/mL	20. mg/kg	440. mg	4.4 mL
	Dextrose 50%	0.5 g/mL	0.5 g/kg	11. g	22. mL
	Magnesium	40. mg/ml	25 - 50. mg/kg	550 - 1100 mg	13.75 - 27.5 mL
	NaBicarb 8.4%	1. mEq/ml	1. mEq/kg	22. mEq	22. mL
Rhythm	Adenosine	3. mg/mL	0.1 - 0.2 mg/kg	2.2 - 4.4 mg	0.73 - 1.47 mL
	Amiodarone	50. mg/mL	5. mg/kg	110. mg	2.2 mL
	Lidocaine 2%	20. mg/mL	1. mg/kg	22. mg	1.1 mL
	Cardioversion	1st Shock 0.5 J/kg	0.5 J/kg	11. Joules	
		2nd Shock 1. J/kg	1. J/kg	22. Joules	
	Defibrillation	1st Shock 2. J/kg	2. J/kg	44. Joules	
		2nd & 3rd Shock 4. J/kg	4. J/kg	88. Joules	
Rapid Sequence Intubation	Atropine	0.1 mg/mL	0.02 mg/kg	0.44 mg	4.4 mL
	Etomidate	Do **not** use in suspected sepsis! 2. mg/mL vial	0.3 mg/kg	6.6 mg	3.3 mL
	Fentanyl	50. mcg/mL	3. - 5. mcg/kg	66. - 100. mcg	1.32 - 2. mL
	Ketamine	10. mg/mL	1. - 2. mg/kg	22. - 44. mg	2.2 - 4.4 mL
	Propofol	**Caution:** Pts with sepsis or hypovolemia. 10. mg/mL	2. - 3. mg/kg	44 - 66 mg	4.4 - 6.6 mL
	Midazolam	1. mg/mL	0.2 mg/kg	4.4 mg	4.4 mL
	Rocuronium	10. mg/mL	1. mg/kg	22. mg	2.2 mL
	Succinylcholine	**Caution:** Pts with hyperkalemia. 20. mg/mL	1 - 2. mg/kg	22 - 44. mg	1.1 - 2.2 mL
	Vecuronium	1. mg/mL	0.1 mg/kg	2.2 mg	2.2 mL
Antidote	Flumazenil	0.1 mg/mL	0.01 mg/kg	0.2 mg	2. mL
	Naloxone	0.4 mg/mL	0.1 mg/kg	2. mg	5. mL

	Drug	Drip Concentration (mcg/mL)	Dose Range (mcg/kg/min.)	Patient Dose (mcg/kg/min.)	Rate (mL/hr)
Drips	Amiodarone *	1800	5 - 15	5.	3.7
	Dopamine *	1600	5 - 20	5.	4.1
	Dobutamine *	4000	5 - 20	5.	1.7
	Epinephrine	10	0.1 - 1	0.1	13.2
	Lidocaine *	8000	20 - 50	20.	3.3
	Norepinephrine	16	0.1 - 2	0.1	8.3
	* Available in this concentration as a premix solution				

Anaphylaxis/Asthma	Epinephrine 1:1000 (IM/SQ)	1. mg/mL	0.01 mg/kg	0.22 mg	0.22 mL

	Weight (kg)	Fluid Requirement for 24 hrs	Fluid Requirement per hour
Daily:	22.	1540.	64

First 10 kg = 100 mL/kg/24 hrs
Second 10 kg = 1000 mL + 50 mL/kg
Over 20 kg = 1500 mL + 20 mL/kg >20

Hourly:
Daily fluid requirement ÷ 24

*** Note Concentration**

Weight Verified by: _____ RN

BLUE DRAWER v.12.22.21

PROVIDENCE Children's Health

Patient Name test
Date

Weight kg	23.00

For Patients 22.1 kg to 23 kg
Emergency Pediatric Dosing Sheet

Chart represents Pediatric dosing by weight up to the usual adult dose

	Drug	Concentration *		Standard Dose		Patient Dose		Volume	
Code	Epinephrine **(IV)**		0.1 mg/mL	0.01	mg/kg	0.23	mg	2.3	mL
	Epinephrine **(ET use ONLY)**		1. mg/mL	0.1	mg/kg	2.3	mg	2.3	mL
	Atropine		0.1 mg/mL	0.02	mg/kg	0.46	mg	4.6	mL
	Calcium Chloride		100. mg/mL	20.	mg/kg	460.	mg	4.6	mL
	Dextrose 50%		0.5 g/mL	0.5	g/kg	11.5	g	23.	mL
	Magnesium		40. mg/ml	25 - 50.	mg/kg	575 - 1150	mg	14.38 - 28.75	mL
	NaBicarb 8.4%		1. mEq/ml	1.	mEq/kg	23.	mEq	23.	mL
Rhythm	Adenosine		3. mg/mL	0.1 - 0.2	mg/kg	2.3 - 4.6	mg	0.77 - 1.53	mL
	Amiodarone		50. mg/mL	5.	mg/kg	115.	mg	2.3	mL
	Lidocaine 2%		20. mg/mL	1.	mg/kg	23.	mg	1.15	mL
	Cardioversion	1st Shock	0.5 J/kg	0.5	J/kg	11.5	Joules		
		2nd Shock	1. J/kg	1.	J/kg	23.	Joules		
	Defibrillation	1st Shock	2. J/kg	2.	J/kg	46.	Joules		
		2nd & 3rd Shock	4. J/kg	4.	J/kg	92.	Joules		
Rapid Sequence Intubation	Atropine		0.1 mg/mL	0.02	mg/kg	0.46	mg	4.6	mL
	Etomidate	Do **not** use in suspected sepsis!	2. mg/mL vial	0.3	mg/kg	6.9	mg	3.45	mL
	Fentanyl		50. mcg/mL	3. - 5.	mcg/kg	69. - 100.	mcg	1.38 - 2.	mL
	Ketamine		10. mg/mL	1. - 2.	mg/kg	23. - 46.	mg	2.3 - 4.6	mL
	Propofol	**Caution:** Pts with sepsis or hypovolemia.	10. mg/mL	2. - 3.	mg/kg	46 - 69	mg	4.6 - 6.9	mL
	Midazolam		1. mg/mL	0.2	mg/kg	4.6	mg	4.6	mL
	Rocuronium		10. mg/mL	1.	mg/kg	23.	mg	2.3	mL
	Succinylcholine	**Caution:** Pts with hyperkalemia.	20. mg/mL	1 - 2.	mg/kg	23 - 46.	mg	1.15 - 2.3	mL
	Vecuronium		1. mg/mL	0.1	mg/kg	2.3	mg	2.3	mL
Antidote	Flumazenil		0.1 mg/mL	0.01	mg/kg	0.2	mg	2.	mL
	Naloxone		0.4 mg/mL	0.1	mg/kg	2.	mg	5.	mL

Drips	Drug	Drip Concentration (mcg/mL)	Dose Range (mcg/kg/min.)	Patient Dose (mcg/kg/min.)	Rate (mL/hr)
	Amiodarone *	1800	5 - 15	5.	3.8
	Dopamine *	1600	5 - 20	5.	4.3
	Dobutamine *	4000	5 - 20	5.	1.7
	Epinephrine	10	0.1 - 1	0.1	13.8
	Lidocaine *	8000	20 - 50	20.	3.5
	Norepinephrine	16	0.1 - 2	0.1	8.6
	* Available in this concentration as a premix solution				

Anaphylaxis/Asthma					
	Epinephrine 1:1000 (IM/SQ)	1. mg/mL	0.01 mg/kg	0.23 mg	0.23 mL

	Weight (kg)	Fluid Requirement for 24 hrs	Fluid Requirement per hour
Daily:	23.	1560.	65

First 10 kg = 100 mL/kg/24 hrs
Second 10 kg = 1000 mL + 50 mL/kg
Over 20 kg = 1500 mL + 20 mL/kg >20

Hourly:
Daily fluid requirement ÷ 24

*** Note Concentration**

Weight Verified by: _____ RN

BLUE DRAWER v.12.22.21

PROVIDENCE Children's Health

Patient Name test
Date

Weight kg	24.00

For Patients 23.1 kg to 24 kg
Emergency Pediatric Dosing Sheet

Chart represents Pediatric dosing by weight up to the usual adult dose

	Drug	Concentration *	Standard Dose	Patient Dose	Volume
Code	Epinephrine **(IV)**	0.1 mg/mL	0.01 mg/kg	0.24 mg	2.4 mL
	Epinephrine **(ET use ONLY)**	1. mg/mL	0.1 mg/kg	2.4 mg	2.4 mL
	Atropine	0.1 mg/mL	0.02 mg/kg	0.48 mg	4.8 mL
	Calcium Chloride	100. mg/mL	20. mg/kg	480. mg	4.8 mL
	Dextrose 50%	0.5 g/mL	0.5 g/kg	12. g	24. mL
	Magnesium	40. mg/ml	25 - 50. mg/kg	600 - 1200 mg	15 - 30 mL
	NaBicarb 8.4%	1. mEq/ml	1. mEq/kg	24. mEq	24. mL
Rhythm	Adenosine	3. mg/mL	0.1 - 0.2 mg/kg	2.4 - 4.8 mg	0.8 - 1.6 mL
	Amiodarone	50. mg/mL	5. mg/kg	120. mg	2.4 mL
	Lidocaine 2%	20. mg/mL	1. mg/kg	24. mg	1.2 mL
	Cardioversion	1st Shock 0.5 J/kg	0.5 J/kg	12. Joules	
		2nd Shock 1. J/kg	1. J/kg	24. Joules	
	Defibrillation	1st Shock 2. J/kg	2. J/kg	48. Joules	
		2nd & 3rd Shock 4. J/kg	4. J/kg	96. Joules	
Rapid Sequence Intubation	Atropine	0.1 mg/mL	0.02 mg/kg	0.48 mg	4.8 mL
	Etomidate	Do **not** use in suspected sepsis! 2. mg/mL vial	0.3 mg/kg	7.2 mg	3.6 mL
	Fentanyl	50. mcg/mL	3. - 5. mcg/kg	72. - 100. mcg	1.44 - 2. mL
	Ketamine	10. mg/mL	1. - 2. mg/kg	24. - 48. mg	2.4 - 4.8 mL
	Propofol	**Caution:** Pts with sepsis or hypovolemia. 10. mg/mL	2. - 3. mg/kg	48 - 72 mg	4.8 - 7.2 mL
	Midazolam	1. mg/mL	0.2 mg/kg	4.8 mg	4.8 mL
	Rocuronium	10. mg/mL	1. mg/kg	24. mg	2.4 mL
	Succinylcholine	**Caution:** Pts with hyperkalemia. 20. mg/mL	1 - 2. mg/kg	24 - 48. mg	1.2 - 2.4 mL
	Vecuronium	1. mg/mL	0.1 mg/kg	2.4 mg	2.4 mL
Antidote	Flumazenil	0.1 mg/mL	0.01 mg/kg	0.2 mg	2. mL
	Naloxone	0.4 mg/mL	0.1 mg/kg	2. mg	5. mL

Drips	Drug	Drip Concentration (mcg/mL)	Dose Range (mcg/kg/min.)	Patient Dose (mcg/kg/min.)	Rate (mL/hr)
	Amiodarone *	1800	5 - 15	5.	4.0
	Dopamine *	1600	5 - 20	5.	4.5
	Dobutamine *	4000	5 - 20	5.	1.8
	Epinephrine	10	0.1 - 1	0.1	14.4
	Lidocaine *	8000	20 - 50	20.	3.6
	Norepinephrine	16	0.1 - 2	0.1	9.0
	* Available in this concentration as a premix solution				

Anaphylaxis/Asthma					
	Epinephrine 1:1000 (IM/SQ)	1. mg/mL	0.01 mg/kg	0.24 mg	0.24 mL

	Weight (kg)	Fluid Requirement for 24 hrs	Fluid Requirement per hour
Daily:	24.	1580.	66

First 10 kg = 100 mL/kg/24 hrs
Second 10 kg = 1000 mL + 50 mL/kg
Over 20 kg = 1500 mL + 20 mL/kg >20

Hourly:
Daily fluid requirement ÷ 24

*** Note Concentration**

Weight Verified by: _____ RN

ORANGE DRAWER v.12.22.21

PROVIDENCE Children's Health

Patient Name test
Date

Weight kg	25.00

For Patients 24.1 kg to 25 kg
Emergency Pediatric Dosing Sheet

Chart represents Pediatric dosing by weight up to the usual adult dose

	Drug	Concentration *		Standard Dose	Patient Dose	Volume
Code	Epinephrine **(IV)**		0.1 mg/mL	0.01 mg/kg	0.25 mg	2.5 mL
	Epinephrine **(ET use ONLY)**		1. mg/mL	0.1 mg/kg	2.5 mg	2.5 mL
	Atropine		0.1 mg/mL	0.02 mg/kg	0.5 mg	5. mL
	Calcium Chloride		100. mg/mL	20. mg/kg	500. mg	5. mL
	Dextrose 50%		0.5 g/mL	0.5 g/kg	12.5 g	25. mL
	Magnesium		40. mg/ml	25 - 50. mg/kg	625 - 1250 mg	15.63 - 31.25 mL
	NaBicarb 8.4%		1. mEq/ml	1. mEq/kg	25. mEq	25. mL
Rhythm	Adenosine		3. mg/mL	0.1 - 0.2 mg/kg	2.5 - 5. mg	0.83 - 1.67 mL
	Amiodarone		50. mg/mL	5. mg/kg	125. mg	2.5 mL
	Lidocaine 2%		20. mg/mL	1. mg/kg	25. mg	1.25 mL
	Cardioversion	1st Shock	0.5 J/kg	0.5 J/kg	12.5 Joules	
		2nd Shock	1. J/kg	1. J/kg	25. Joules	
	Defibrillation	1st Shock	2. J/kg	2. J/kg	50. Joules	
		2nd & 3rd Shock	4. J/kg	4. J/kg	100. Joules	
Rapid Sequence Intubation	Atropine		0.1 mg/mL	0.02 mg/kg	0.5 mg	5. mL
	Etomidate	Do **not** use in suspected sepsis!	2. mg/mL vial	0.3 mg/kg	7.5 mg	3.75 mL
	Fentanyl		50. mcg/mL	3. - 5. mcg/kg	75. - 100. mcg	1.5 - 2. mL
	Ketamine		10. mg/mL	1. - 2. mg/kg	25. - 50. mg	2.5 - 5. mL
	Propofol	**Caution:** Pts with sepsis or hypovolemia.	10. mg/mL	2. - 3. mg/kg	50 - 75 mg	5. - 7.5 mL
	Midazolam		1. mg/mL	0.2 mg/kg	5. mg	5. mL
	Rocuronium		10. mg/mL	1. mg/kg	25. mg	2.5 mL
	Succinylcholine	**Caution:** Pts with hyperkalemia.	20. mg/mL	1 - 2. mg/kg	25 - 50. mg	1.25 - 2.5 mL
	Vecuronium		1. mg/mL	0.1 mg/kg	2.5 mg	2.5 mL
Antidote	Flumazenil		0.1 mg/mL	0.01 mg/kg	0.2 mg	2. mL
	Naloxone		0.4 mg/mL	0.1 mg/kg	2. mg	5. mL

Drips	Drug	Drip Concentration (mcg/mL)	Dose Range (mcg/kg/min.)	Patient Dose (mcg/kg/min.)	Rate (mL/hr)
	Amiodarone *	1800	5 - 15	5.	4.2
	Dopamine *	1600	5 - 20	5.	4.7
	Dobutamine *	4000	5 - 20	5.	1.9
	Epinephrine	10	0.1 - 1	0.1	15.0
	Lidocaine *	8000	20 - 50	20.	3.8
	Norepinephrine	16	0.1 - 2	0.1	9.4
	* Available in this concentration as a premix solution				

Anaphylaxis/Asthma					
	Epinephrine 1:1000 (IM/SQ)	1. mg/mL	0.01 mg/kg	0.25 mg	0.25 mL

	Weight (kg)	Fluid Requirement for 24 hrs	Fluid Requirement per hour
Daily:	25.	1600.	67

First 10 kg = 100 mL/kg/24 hrs
Second 10 kg = 1000 mL + 50 mL/kg
Over 20 kg = 1500 mL + 20 mL/kg >20

Hourly:
Daily fluid requirement ÷ 24

*** Note Concentration**

Weight Verified by: _____ RN

PROVIDENCE Children's Health

Patient Name test
Date

Weight kg	26.00

For Patients 25.1 kg to 26 kg
Emergency Pediatric Dosing Sheet

Chart represents Pediatric dosing by weight up to the usual adult dose

	Drug	Concentration *		Standard Dose	Patient Dose	Volume
Code	Epinephrine **(IV)**		0.1 mg/mL	0.01 mg/kg	0.26 mg	2.6 mL
	Epinephrine **(ET use ONLY)**		1. mg/mL	0.1 mg/kg	2.6 mg	2.6 mL
	Atropine		0.1 mg/mL	0.02 mg/kg	0.5 mg	5. mL
	Calcium Chloride		100. mg/mL	20. mg/kg	520. mg	5.2 mL
	Dextrose 50%		0.5 g/mL	0.5 g/kg	13. g	26. mL
	Magnesium		40. mg/ml	25 - 50. mg/kg	650 - 1300 mg	16.25 - 32.5 mL
	NaBicarb 8.4%		1. mEq/ml	1. mEq/kg	26. mEq	26. mL
Rhythm	Adenosine		3. mg/mL	0.1 - 0.2 mg/kg	2.6 - 5.2 mg	0.87 - 1.73 mL
	Amiodarone		50. mg/mL	5. mg/kg	130. mg	2.6 mL
	Lidocaine 2%		20. mg/mL	1. mg/kg	26. mg	1.3 mL
	Cardioversion	1st Shock	0.5 J/kg	0.5 J/kg	13. Joules	
		2nd Shock	1. J/kg	1. J/kg	26. Joules	
	Defibrillation	1st Shock	2. J/kg	2. J/kg	52. Joules	
		2nd & 3rd Shock	4. J/kg	4. J/kg	104. Joules	
Rapid Sequence Intubation	Atropine		0.1 mg/mL	0.02 mg/kg	0.5 mg	5. mL
	Etomidate	Do **not** use in suspected sepsis!	2. mg/mL vial	0.3 mg/kg	7.8 mg	3.9 mL
	Fentanyl		50. mcg/mL	3. - 5. mcg/kg	78. - 100. mcg	1.56 - 2. mL
	Ketamine		10. mg/mL	1. - 2. mg/kg	26. - 52. mg	2.6 - 5.2 mL
	Propofol	**Caution:** Pts with sepsis or hypovolemia.	10. mg/mL	2. - 3. mg/kg	52 - 78 mg	5.2 - 7.8 mL
	Midazolam		1. mg/mL	0.2 mg/kg	5. mg	5. mL
	Rocuronium		10. mg/mL	1. mg/kg	26. mg	2.6 mL
	Succinylcholine	**Caution:** Pts with hyperkalemia.	20. mg/mL	1 - 2. mg/kg	26 - 52. mg	1.3 - 2.6 mL
	Vecuronium		1. mg/mL	0.1 mg/kg	2.6 mg	2.6 mL
Antidote	Flumazenil		0.1 mg/mL	0.01 mg/kg	0.2 mg	2. mL
	Naloxone		0.4 mg/mL	0.1 mg/kg	2. mg	5. mL

Drips	Drug	Drip Concentration (mcg/mL)	Dose Range (mcg/kg/min.)	Patient Dose (mcg/kg/min.)	Rate (mL/hr)
	Amiodarone *	1800	5 - 15	5.	4.3
	Dopamine *	1600	5 - 20	5.	4.9
	Dobutamine *	4000	5 - 20	5.	2.0
	Epinephrine	10	0.1 - 1	0.1	15.6
	Lidocaine *	8000	20 - 50	20.	3.9
	Norepinephrine	16	0.1 - 2	0.1	9.8
	* Available in this concentration as a premix solution				

Anaphylaxis/Asthma					
	Epinephrine 1:1000 (IM/SQ)	1. mg/mL	0.01 mg/kg	0.26 mg	0.26 mL

	Weight (kg)	Fluid Requirement for 24 hrs	Fluid Requirement per hour
Daily:	26.	1620.	68

First 10 kg = 100 mL/kg/24 hrs
Second 10 kg = 1000 mL + 50 mL/kg
Over 20 kg = 1500 mL + 20 mL/kg >20

Hourly:
Daily fluid requirement ÷ 24

*** Note Concentration**

Weight Verified by: _____ RN

PROVIDENCE Children's Health

Patient Name test
Date

Weight kg	27.00

For Patients 26.1 kg to 27 kg
Emergency Pediatric Dosing Sheet

Chart represents Pediatric dosing by weight up to the usual adult dose

	Drug	Concentration *		Standard Dose	Patient Dose	Volume
Code	Epinephrine **(IV)**		0.1 mg/mL	0.01 mg/kg	0.27 mg	2.7 mL
	Epinephrine **(ET use ONLY)**		1. mg/mL	0.1 mg/kg	2.7 mg	2.7 mL
	Atropine		0.1 mg/mL	0.02 mg/kg	0.5 mg	5. mL
	Calcium Chloride		100. mg/mL	20. mg/kg	540. mg	5.4 mL
	Dextrose 50%		0.5 g/mL	0.5 g/kg	13.5 g	27. mL
	Magnesium		40. mg/ml	25 - 50. mg/kg	675 - 1350 mg	16.88 - 33.75 mL
	NaBicarb 8.4%		1. mEq/ml	1. mEq/kg	27. mEq	27. mL
Rhythm	Adenosine		3. mg/mL	0.1 - 0.2 mg/kg	2.7 - 5.4 mg	0.9 - 1.8 mL
	Amiodarone		50. mg/mL	5. mg/kg	135. mg	2.7 mL
	Lidocaine 2%		20. mg/mL	1. mg/kg	27. mg	1.35 mL
	Cardioversion	1st Shock	0.5 J/kg	0.5 J/kg	13.5 Joules	
		2nd Shock	1. J/kg	1. J/kg	27. Joules	
	Defibrillation	1st Shock	2. J/kg	2. J/kg	54. Joules	
		2nd & 3rd Shock	4. J/kg	4. J/kg	108. Joules	
Rapid Sequence Intubation	Atropine		0.1 mg/mL	0.02 mg/kg	0.5 mg	5. mL
	Etomidate	Do **not** use in suspected sepsis!	2. mg/mL vial	0.3 mg/kg	8.1 mg	4.05 mL
	Fentanyl		50. mcg/mL	3. - 5. mcg/kg	81. - 100. mcg	1.62 - 2. mL
	Ketamine		10. mg/mL	1. - 2. mg/kg	27. - 54. mg	2.7 - 5.4 mL
	Propofol	**Caution:** Pts with sepsis or hypovolemia.	10. mg/mL	2. - 3. mg/kg	54 - 81 mg	5.4 - 8.1 mL
	Midazolam		1. mg/mL	0.2 mg/kg	5. mg	5. mL
	Rocuronium		10. mg/mL	1. mg/kg	27. mg	2.7 mL
	Succinylcholine	**Caution:** Pts with hyperkalemia.	20. mg/mL	1 - 2. mg/kg	27 - 54. mg	1.35 - 2.7 mL
	Vecuronium		1. mg/mL	0.1 mg/kg	2.7 mg	2.7 mL
Antidote	Flumazenil		0.1 mg/mL	0.01 mg/kg	0.2 mg	2. mL
	Naloxone		0.4 mg/mL	0.1 mg/kg	2. mg	5. mL

Drips	Drug	Drip Concentration (mcg/mL)	Dose Range (mcg/kg/min.)	Patient Dose (mcg/kg/min.)	Rate (mL/hr)
	Amiodarone *	1800	5 - 15	5.	4.5
	Dopamine *	1600	5 - 20	5.	5.1
	Dobutamine *	4000	5 - 20	5.	2.0
	Epinephrine	10	0.1 - 1	0.1	16.2
	Lidocaine *	8000	20 - 50	20.	4.1
	Norepinephrine	16	0.1 - 2	0.1	10.1
	* Available in this concentration as a premix solution				

Anaphylaxis/Asthma	Epinephrine 1:1000 (IM/SQ)	1. mg/mL	0.01 mg/kg	0.27 mg	0.27 mL

	Weight (kg)	Fluid Requirement for 24 hrs	Fluid Requirement per hour
Daily:	27.	1640.	68

First 10 kg = 100 mL/kg/24 hrs
Second 10 kg = 1000 mL + 50 mL/kg
Over 20 kg = 1500 mL + 20 mL/kg >20

Hourly:
Daily fluid requirement ÷ 24

*** Note Concentration**

Weight Verified by: _____ RN

PROVIDENCE Children's Health

Patient Name test
Date

Weight kg	28.00

For Patients 27.1 kg to 28 kg
Emergency Pediatric Dosing Sheet

Chart represents Pediatric dosing by weight up to the usual adult dose

	Drug	Concentration *	Standard Dose	Patient Dose	Volume
Code	Epinephrine **(IV)**	0.1 mg/mL	0.01 mg/kg	0.28 mg	2.8 mL
	Epinephrine **(ET use ONLY)**	1. mg/mL	0.1 mg/kg	2.8 mg	2.8 mL
	Atropine	0.1 mg/mL	0.02 mg/kg	0.5 mg	5. mL
	Calcium Chloride	100. mg/mL	20. mg/kg	560. mg	5.6 mL
	Dextrose 50%	0.5 g/mL	0.5 g/kg	14. g	28. mL
	Magnesium	40. mg/ml	25 - 50. mg/kg	700 - 1400 mg	17.5 - 35 mL
	NaBicarb 8.4%	1. mEq/ml	1. mEq/kg	28. mEq	28. mL
Rhythm	Adenosine	3. mg/mL	0.1 - 0.2 mg/kg	2.8 - 5.6 mg	0.93 - 1.87 mL
	Amiodarone	50. mg/mL	5. mg/kg	140. mg	2.8 mL
	Lidocaine 2%	20. mg/mL	1. mg/kg	28. mg	1.4 mL
	Cardioversion	1st Shock 0.5 J/kg	0.5 J/kg	14. Joules	
		2nd Shock 1. J/kg	1. J/kg	28. Joules	
	Defibrillation	1st Shock 2. J/kg	2. J/kg	56. Joules	
		2nd & 3rd Shock 4. J/kg	4. J/kg	112. Joules	
Rapid Sequence Intubation	Atropine	0.1 mg/mL	0.02 mg/kg	0.5 mg	5. mL
	Etomidate	Do **not** use in suspected sepsis! 2. mg/mL vial	0.3 mg/kg	8.4 mg	4.2 mL
	Fentanyl	50. mcg/mL	3. - 5. mcg/kg	84. - 100. mcg	1.68 - 2. mL
	Ketamine	10. mg/mL	1. - 2. mg/kg	28. - 56. mg	2.8 - 5.6 mL
	Propofol	**Caution:** Pts with sepsis or hypovolemia. 10. mg/mL	2. - 3. mg/kg	56 - 84 mg	5.6 - 8.4 mL
	Midazolam	1. mg/mL	0.2 mg/kg	5. mg	5. mL
	Rocuronium	10. mg/mL	1. mg/kg	28. mg	2.8 mL
	Succinylcholine	**Caution:** Pts with hyperkalemia. 20. mg/mL	1 - 2. mg/kg	28 - 56. mg	1.4 - 2.8 mL
	Vecuronium	1. mg/mL	0.1 mg/kg	2.8 mg	2.8 mL
Antidote	Flumazenil	0.1 mg/mL	0.01 mg/kg	0.2 mg	2. mL
	Naloxone	0.4 mg/mL	0.1 mg/kg	2. mg	5. mL

Drips	Drug	Drip Concentration (mcg/mL)	Dose Range (mcg/kg/min.)	Patient Dose (mcg/kg/min.)	Rate (mL/hr)
	Amiodarone *	1800	5 - 15	5.	4.7
	Dopamine *	1600	5 - 20	5.	5.3
	Dobutamine *	4000	5 - 20	5.	2.1
	Epinephrine	10	0.1 - 1	0.1	16.8
	Lidocaine *	8000	20 - 50	20.	4.2
	Norepinephrine	16	0.1 - 2	0.1	10.5
	* Available in this concentration as a premix solution				

Anaphylaxis/Asthma	Epinephrine 1:1000 (IM/SQ)	1. mg/mL	0.01 mg/kg	0.28 mg	0.28 mL

	Weight (kg)	Fluid Requirement for 24 hrs	Fluid Requirement per hour
Daily:	28.	1660.	69

First 10 kg = 100 mL/kg/24 hrs
Second 10 kg = 1000 mL + 50 mL/kg
Over 20 kg = 1500 mL + 20 mL/kg >20

Hourly:
Daily fluid requirement ÷ 24

*** Note Concentration**

Weight Verified by: _____ RN

ORANGE DRAWER v.12.22.21

PROVIDENCE Children's Health

Patient Name test
Date

Weight kg	29.00

For Patients 28.1 kg to 29 kg
Emergency Pediatric Dosing Sheet

Chart represents Pediatric dosing by weight up to the usual adult dose

	Drug	Concentration *	Standard Dose	Patient Dose	Volume
Code	Epinephrine **(IV)**	0.1 mg/mL	0.01 mg/kg	0.29 mg	2.9 mL
	Epinephrine **(ET use ONLY)**	1. mg/mL	0.1 mg/kg	2.9 mg	2.9 mL
	Atropine	0.1 mg/mL	0.02 mg/kg	0.5 mg	5. mL
	Calcium Chloride	100. mg/mL	20. mg/kg	580. mg	5.8 mL
	Dextrose 50%	0.5 g/mL	0.5 g/kg	14.5 g	29. mL
	Magnesium	40. mg/ml	25 - 50. mg/kg	725 - 1450 mg	18.13 - 36.25 mL
	NaBicarb 8.4%	1. mEq/ml	1. mEq/kg	29. mEq	29. mL
Rhythm	Adenosine	3. mg/mL	0.1 - 0.2 mg/kg	2.9 - 5.8 mg	0.97 - 1.93 mL
	Amiodarone	50. mg/mL	5. mg/kg	145. mg	2.9 mL
	Lidocaine 2%	20. mg/mL	1. mg/kg	29. mg	1.45 mL
	Cardioversion	1st Shock 0.5 J/kg	0.5 J/kg	14.5 Joules	
		2nd Shock 1. J/kg	1. J/kg	29. Joules	
	Defibrillation	1st Shock 2. J/kg	2. J/kg	58. Joules	
		2nd & 3rd Shock 4. J/kg	4. J/kg	116. Joules	
Rapid Sequence Intubation	Atropine	0.1 mg/mL	0.02 mg/kg	0.5 mg	5. mL
	Etomidate	Do **not** use in suspected sepsis! 2. mg/mL vial	0.3 mg/kg	8.7 mg	4.35 mL
	Fentanyl	50. mcg/mL	3. - 5. mcg/kg	87. - 100. mcg	1.74 - 2. mL
	Ketamine	10. mg/mL	1. - 2. mg/kg	29. - 58. mg	2.9 - 5.8 mL
	Propofol	**Caution:** Pts with sepsis or hypovolemia. 10. mg/mL	2. - 3. mg/kg	58 - 87 mg	5.8 - 8.7 mL
	Midazolam	1. mg/mL	0.2 mg/kg	5. mg	5. mL
	Rocuronium	10. mg/mL	1. mg/kg	29. mg	2.9 mL
	Succinylcholine	**Caution:** Pts with hyperkalemia. 20. mg/mL	1 - 2. mg/kg	29 - 58. mg	1.45 - 2.9 mL
	Vecuronium	1. mg/mL	0.1 mg/kg	2.9 mg	2.9 mL
Antidote	Flumazenil	0.1 mg/mL	0.01 mg/kg	0.2 mg	2. mL
	Naloxone	0.4 mg/mL	0.1 mg/kg	2. mg	5. mL

Drips	Drug	Drip Concentration (mcg/mL)	Dose Range (mcg/kg/min.)	Patient Dose (mcg/kg/min.)	Rate (mL/hr)
	Amiodarone *	1800	5 - 15	5.	4.8
	Dopamine *	1600	5 - 20	5.	5.4
	Dobutamine *	4000	5 - 20	5.	2.2
	Epinephrine	10	0.1 - 1	0.1	17.4
	Lidocaine *	8000	20 - 50	20.	4.4
	Norepinephrine	16	0.1 - 2	0.1	10.9
	* Available in this concentration as a premix solution				

Anaphylaxis/Asthma					
	Epinephrine 1:1000 (IM/SQ)	1. mg/mL	0.01 mg/kg	0.29 mg	0.29 mL

	Weight (kg)	Fluid Requirement for 24 hrs	Fluid Requirement per hour
Daily:	29.	1680.	70

First 10 kg = 100 mL/kg/24 hrs
Second 10 kg = 1000 mL + 50 mL/kg
Over 20 kg = 1500 mL + 20 mL/kg >20

Hourly:
Daily fluid requirement ÷ 24

*** Note Concentration**

Weight Verified by: _____ RN

PROVIDENCE Children's Health

Patient Name test
Date

Weight kg	30.00

For Patients 29.1 kg to 30 kg
Emergency Pediatric Dosing Sheet

Chart represents Pediatric dosing by weight up to the usual adult dose

	Drug	Concentration *		Standard Dose		Patient Dose		Volume	
Code	Epinephrine **(IV)**		0.1 mg/mL	0.01	mg/kg	0.3	mg	3.	mL
	Epinephrine **(ET use ONLY)**		1. mg/mL	0.1	mg/kg	3.	mg	3.	mL
	Atropine		0.1 mg/mL	0.02	mg/kg	0.5	mg	5.	mL
	Calcium Chloride		100. mg/mL	20.	mg/kg	600.	mg	6.	mL
	Dextrose 50%		0.5 g/mL	0.5	g/kg	15.	g	30.	mL
	Magnesium		40. mg/ml	25 - 50.	mg/kg	750 - 1500	mg	18.75 - 37.5	mL
	NaBicarb 8.4%		1. mEq/ml	1.	mEq/kg	30.	mEq	30.	mL
Rhythm	Adenosine		3. mg/mL	0.1 - 0.2	mg/kg	3. - 6.	mg	1. - 2.	mL
	Amiodarone		50. mg/mL	5.	mg/kg	150.	mg	3.	mL
	Lidocaine 2%		20. mg/mL	1.	mg/kg	30.	mg	1.5	mL
	Cardioversion	1st Shock	0.5 J/kg	0.5	J/kg	15.	Joules		
		2nd Shock	1. J/kg	1.	J/kg	30.	Joules		
	Defibrillation	1st Shock	2. J/kg	2.	J/kg	60.	Joules		
		2nd & 3rd Shock	4. J/kg	4.	J/kg	120.	Joules		
Rapid Sequence Intubation	Atropine		0.1 mg/mL	0.02	mg/kg	0.5	mg	5.	mL
	Etomidate	Do **not** use in suspected sepsis!	2. mg/mL vial	0.3	mg/kg	9.	mg	4.5	mL
	Fentanyl		50. mcg/mL	3. - 5.	mcg/kg	90. - 100.	mcg	1.8 - 2.	mL
	Ketamine		10. mg/mL	1. - 2.	mg/kg	30. - 60.	mg	3. - 6.	mL
	Propofol	**Caution:** Pts with sepsis or hypovolemia.	10. mg/mL	2. - 3.	mg/kg	60 - 90	mg	6. - 9.	mL
	Midazolam		1. mg/mL	0.2	mg/kg	5.	mg	5.	mL
	Rocuronium		10. mg/mL	1.	mg/kg	30.	mg	3.	mL
	Succinylcholine	**Caution:** Pts with hyperkalemia.	20. mg/mL	1 - 2.	mg/kg	30 - 60.	mg	1.5 - 3.	mL
	Vecuronium		1. mg/mL	0.1	mg/kg	3.	mg	3.	mL
Antidote	Flumazenil		0.1 mg/mL	0.01	mg/kg	0.2	mg	2.	mL
	Naloxone		0.4 mg/mL	0.1	mg/kg	2.	mg	5.	mL

	Drug	Drip Concentration (mcg/mL)	Dose Range (mcg/kg/min.)	Patient Dose (mcg/kg/min.)	Rate (mL/hr)
Drips	Amiodarone *	1800	5 - 15	5.	5.0
	Dopamine *	1600	5 - 20	5.	5.6
	Dobutamine *	4000	5 - 20	5.	2.3
	Epinephrine	10	0.1 - 1	0.1	18.0
	Lidocaine *	8000	20 - 50	20.	4.5
	Norepinephrine	16	0.1 - 2	0.1	11.3
	* Available in this concentration as a premix solution				

Anaphylaxis/Asthma	Epinephrine 1:1000 (IM/SQ)	1.	mg/mL	0.01	mg/kg	0.3	mg	0.3	mL

	Weight (kg)	Fluid Requirement for 24 hrs	Fluid Requirement per hour
Daily:	30.	1700.	71

First 10 kg = 100 mL/kg/24 hrs
Second 10 kg = 1000 mL + 50 mL/kg
Over 20 kg = 1500 mL + 20 mL/kg >20

Hourly:
Daily fluid requirement ÷ 24

*** Note Concentration**

Weight Verified by: _____ RN

GREEN DRAWER v.12.22.21

PROVIDENCE Children's Health

Patient Name test
Date

Weight kg	32.00

For Patients 30.1 kg to 32 kg
Emergency Pediatric Dosing Sheet

Chart represents Pediatric dosing by weight up to the usual adult dose

	Drug	Concentration *		Standard Dose	Patient Dose	Volume
Code	Epinephrine **(IV)**		0.1 mg/mL	0.01 mg/kg	0.32 mg	3.2 mL
	Epinephrine **(ET use ONLY)**		1. mg/mL	0.1 mg/kg	3.2 mg	3.2 mL
	Atropine		0.1 mg/mL	0.02 mg/kg	0.5 mg	5. mL
	Calcium Chloride		100. mg/mL	20. mg/kg	640. mg	6.4 mL
	Dextrose 50%		0.5 g/mL	0.5 g/kg	16. g	32. mL
	Magnesium		40. mg/ml	25 - 50. mg/kg	800 - 1600 mg	20 - 40 mL
	NaBicarb 8.4%		1. mEq/ml	1. mEq/kg	32. mEq	32. mL
Rhythm	Adenosine		3. mg/mL	0.1 - 0.2 mg/kg	3.2 - 6.4 mg	1.07 - 2.13 mL
	Amiodarone		50. mg/mL	5. mg/kg	160. mg	3.2 mL
	Lidocaine 2%		20. mg/mL	1. mg/kg	32. mg	1.6 mL
	Cardioversion	1st Shock	0.5 J/kg	0.5 J/kg	16. Joules	
		2nd Shock	1. J/kg	1. J/kg	32. Joules	
	Defibrillation	1st Shock	2. J/kg	2. J/kg	64. Joules	
		2nd & 3rd Shock	4. J/kg	4. J/kg	128. Joules	
Rapid Sequence Intubation	Atropine		0.1 mg/mL	0.02 mg/kg	0.5 mg	5. mL
	Etomidate	Do **not** use in suspected sepsis!	2. mg/mL vial	0.3 mg/kg	9.6 mg	4.8 mL
	Fentanyl		50. mcg/mL	3. - 5. mcg/kg	96. - 100. mcg	1.92 - 2. mL
	Ketamine		10. mg/mL	1. - 2. mg/kg	32. - 64. mg	3.2 - 6.4 mL
	Propofol	**Caution:** Pts with sepsis or hypovolemia.	10. mg/mL	2. - 3. mg/kg	64 - 100 mg	6.4 - 10. mL
	Midazolam		1. mg/mL	0.2 mg/kg	5. mg	5. mL
	Rocuronium		10. mg/mL	1. mg/kg	32. mg	3.2 mL
	Succinylcholine	**Caution:** Pts with hyperkalemia.	20. mg/mL	1 - 2. mg/kg	32 - 64. mg	1.6 - 3.2 mL
	Vecuronium		1. mg/mL	0.1 mg/kg	3.2 mg	3.2 mL
Antidote	Flumazenil		0.1 mg/mL	0.01 mg/kg	0.2 mg	2. mL
	Naloxone		0.4 mg/mL	0.1 mg/kg	2. mg	5. mL

Drips	Drug	Drip Concentration (mcg/mL)	Dose Range (mcg/kg/min.)	Patient Dose (mcg/kg/min.)	Rate (mL/hr)
	Amiodarone *	1800	5 - 15	5.	5.3
	Dopamine *	1600	5 - 20	5.	6.0
	Dobutamine *	4000	5 - 20	5.	2.4
	Epinephrine	10	0.1 - 1	0.1	19.2
	Lidocaine *	8000	20 - 50	20.	4.8
	Norepinephrine	16	0.1 - 2	0.1	12.0
	* Available in this concentration as a premix solution				

Anaphylaxis/Asthma					
	Epinephrine 1:1000 (IM/SQ)	1. mg/mL	0.01 mg/kg	0.3 mg	0.3 mL

	Weight (kg)	Fluid Requirement for 24 hrs	Fluid Requirement per hour
Daily:	32.	1740.	73

First 10 kg = 100 mL/kg/24 hrs
Second 10 kg = 1000 mL + 50 mL/kg
Over 20 kg = 1500 mL + 20 mL/kg >20

Hourly:
Daily fluid requirement ÷ 24

*** Note Concentration**

Weight Verified by: _____ RN

GREEN DRAWER v.12.22.21

PROVIDENCE Children's Health

Patient Name test
Date

Weight kg	34.00

For Patients 32.1 kg to 34 kg
Emergency Pediatric Dosing Sheet

Chart represents Pediatric dosing by weight up to the usual adult dose

	Drug	Concentration *		Standard Dose		Patient Dose		Volume	
Code	Epinephrine **(IV)**		0.1 mg/mL	0.01	mg/kg	0.34	mg	3.4	mL
	Epinephrine **(ET use ONLY)**		1. mg/mL	0.1	mg/kg	3.4	mg	3.4	mL
	Atropine		0.1 mg/mL	0.02	mg/kg	0.5	mg	5.	mL
	Calcium Chloride		100. mg/mL	20.	mg/kg	680.	mg	6.8	mL
	Dextrose 50%		0.5 g/mL	0.5	g/kg	17.	g	34.	mL
	Magnesium		40. mg/ml	25 - 50.	mg/kg	850 - 1700	mg	21.25 - 42.5	mL
	NaBicarb 8.4%		1. mEq/ml	1.	mEq/kg	34.	mEq	34.	mL
Rhythm	Adenosine		3. mg/mL	0.1 - 0.2	mg/kg	3.4 - 6.8	mg	1.13 - 2.27	mL
	Amiodarone		50. mg/mL	5.	mg/kg	170.	mg	3.4	mL
	Lidocaine 2%		20. mg/mL	1.	mg/kg	34.	mg	1.7	mL
	Cardioversion	1st Shock	0.5 J/kg	0.5	J/kg	17.	Joules		
		2nd Shock	1. J/kg	1.	J/kg	34.	Joules		
	Defibrillation	1st Shock	2. J/kg	2.	J/kg	68.	Joules		
		2nd & 3rd Shock	4. J/kg	4.	J/kg	136.	Joules		
Rapid Sequence Intubation	Atropine		0.1 mg/mL	0.02	mg/kg	0.5	mg	5.	mL
	Etomidate	Do **not** use in suspected sepsis!	2. mg/mL vial	0.3	mg/kg	10.2	mg	5.1	mL
	Fentanyl		50. mcg/mL	3. - 5.	mcg/kg	100. - 100.	mcg	2. - 2.	mL
	Ketamine		10. mg/mL	1. - 2.	mg/kg	34. - 68.	mg	3.4 - 6.8	mL
	Propofol	**Caution:** Pts with sepsis or hypovolemia.	10. mg/mL	2. - 3.	mg/kg	68 - 100	mg	6.8 - 10.	mL
	Midazolam		1. mg/mL	0.2	mg/kg	5.	mg	5.	mL
	Rocuronium		10. mg/mL	1.	mg/kg	34.	mg	3.4	mL
	Succinylcholine	**Caution:** Pts with hyperkalemia.	20. mg/mL	1 - 2.	mg/kg	34 - 68.	mg	1.7 - 3.4	mL
	Vecuronium		1. mg/mL	0.1	mg/kg	3.4	mg	3.4	mL
Antidote	Flumazenil		0.1 mg/mL	0.01	mg/kg	0.2	mg	2.	mL
	Naloxone		0.4 mg/mL	0.1	mg/kg	2.	mg	5.	mL

	Drug	Drip Concentration (mcg/mL)	Dose Range (mcg/kg/min.)	Patient Dose (mcg/kg/min.)	Rate (mL/hr)
Drips	Amiodarone *	1800	5 - 15	5.	5.7
	Dopamine *	1600	5 - 20	5.	6.4
	Dobutamine *	4000	5 - 20	5.	2.6
	Epinephrine	10	0.1 - 1	0.1	20.4
	Lidocaine *	8000	20 - 50	20.	5.1
	Norepinephrine	16	0.1 - 2	0.1	12.8
	* Available in this concentration as a premix solution				

Anaphylaxis/Asthma	Epinephrine 1:1000 (IM/SQ)	1.	mg/mL	0.01	mg/kg	0.3	mg	0.3	mL

	Weight (kg)	Fluid Requirement for 24 hrs	Fluid Requirement per hour
Daily:	34.	1780.	74

First 10 kg = 100 mL/kg/24 hrs
Second 10 kg = 1000 mL + 50 mL/kg
Over 20 kg = 1500 mL + 20 mL/kg >20

Hourly:
Daily fluid requirement ÷ 24

*** Note Concentration**

Weight Verified by: _____ RN

GREEN DRAWER v.12.22.21

PROVIDENCE Children's Health

Patient Name test
Date

Weight kg	36.00

For Patients 34.1 kg to 36 kg
Emergency Pediatric Dosing Sheet

Chart represents Pediatric dosing by weight up to the usual adult dose

	Drug	Concentration *		Standard Dose		Patient Dose		Volume	
Code	Epinephrine **(IV)**		0.1 mg/mL	0.01	mg/kg	0.36	mg	3.6	mL
	Epinephrine **(ET use ONLY)**		1. mg/mL	0.1	mg/kg	3.6	mg	3.6	mL
	Atropine		0.1 mg/mL	0.02	mg/kg	0.5	mg	5.	mL
	Calcium Chloride		100. mg/mL	20.	mg/kg	720.	mg	7.2	mL
	Dextrose 50%		0.5 g/mL	0.5	g/kg	18.	g	36.	mL
	Magnesium		40. mg/ml	25 - 50.	mg/kg	900 - 1800	mg	22.5 - 45	mL
	NaBicarb 8.4%		1. mEq/ml	1.	mEq/kg	36.	mEq	36.	mL
Rhythm	Adenosine		3. mg/mL	0.1 - 0.2	mg/kg	3.6 - 7.2	mg	1.2 - 2.4	mL
	Amiodarone		50. mg/mL	5.	mg/kg	180.	mg	3.6	mL
	Lidocaine 2%		20. mg/mL	1.	mg/kg	36.	mg	1.8	mL
	Cardioversion	1st Shock	0.5 J/kg	0.5	J/kg	18.	Joules		
		2nd Shock	1. J/kg	1.	J/kg	36.	Joules		
	Defibrillation	1st Shock	2. J/kg	2.	J/kg	72.	Joules		
		2nd & 3rd Shock	4. J/kg	4.	J/kg	144.	Joules		
Rapid Sequence Intubation	Atropine		0.1 mg/mL	0.02	mg/kg	0.5	mg	5.	mL
	Etomidate	Do **not** use in suspected sepsis!	2. mg/mL vial	0.3	mg/kg	10.8	mg	5.4	mL
	Fentanyl		50. mcg/mL	3. - 5.	mcg/kg	100. - 100.	mcg	2. - 2.	mL
	Ketamine		10. mg/mL	1. - 2.	mg/kg	36. - 72.	mg	3.6 - 7.2	mL
	Propofol	**Caution:** Pts with sepsis or hypovolemia.	10. mg/mL	2. - 3.	mg/kg	72 - 100	mg	7.2 - 10.	mL
	Midazolam		1. mg/mL	0.2	mg/kg	5.	mg	5.	mL
	Rocuronium		10. mg/mL	1.	mg/kg	36.	mg	3.6	mL
	Succinylcholine	**Caution:** Pts with hyperkalemia.	20. mg/mL	1 - 2.	mg/kg	36 - 72.	mg	1.8 - 3.6	mL
	Vecuronium		1. mg/mL	0.1	mg/kg	3.6	mg	3.6	mL
Antidote	Flumazenil		0.1 mg/mL	0.01	mg/kg	0.2	mg	2.	mL
	Naloxone		0.4 mg/mL	0.1	mg/kg	2.	mg	5.	mL

Drips	Drug	Drip Concentration (mcg/mL)	Dose Range (mcg/kg/min.)	Patient Dose (mcg/kg/min.)	Rate (mL/hr)
	Amiodarone *	1800	5 - 15	5.	6.0
	Dopamine *	1600	5 - 20	5.	6.8
	Dobutamine *	4000	5 - 20	5.	2.7
	Epinephrine	10	0.1 - 1	0.1	21.6
	Lidocaine *	8000	20 - 50	20.	5.4
	Norepinephrine	16	0.1 - 2	0.1	13.5
	* Available in this concentration as a premix solution				

Anaphylaxis/Asthma					
	Epinephrine 1:1000 (IM/SQ)	1. mg/mL	0.01 mg/kg	0.3 mg	0.3 mL

	Weight (kg)	Fluid Requirement for 24 hrs	Fluid Requirement per hour
Daily:	36.	1820.	76

First 10 kg = 100 mL/kg/24 hrs
Second 10 kg = 1000 mL + 50 mL/kg
Over 20 kg = 1500 mL + 20 mL/kg >20

Hourly:
Daily fluid requirement ÷ 24

*** Note Concentration**

Weight Verified by: _____ RN

PROVIDENCE Children's Health

Patient Name test
Date

Weight kg	38.00

For Patients 36.1 kg to 38 kg
Emergency Pediatric Dosing Sheet

Chart represents Pediatric dosing by weight up to the usual adult dose

	Drug	Concentration *		Standard Dose		Patient Dose		Volume	
Code	Epinephrine **(IV)**		0.1 mg/mL	0.01	mg/kg	0.38	mg	3.8	mL
	Epinephrine **(ET use ONLY)**		1. mg/mL	0.1	mg/kg	3.8	mg	3.8	mL
	Atropine		0.1 mg/mL	0.02	mg/kg	0.5	mg	5.	mL
	Calcium Chloride		100. mg/mL	20.	mg/kg	760.	mg	7.6	mL
	Dextrose 50%		0.5 g/mL	0.5	g/kg	19.	g	38.	mL
	Magnesium		40. mg/ml	25 - 50.	mg/kg	950 - 1900	mg	23.75 - 47.5	mL
	NaBicarb 8.4%		1. mEq/ml	1.	mEq/kg	38.	mEq	38.	mL
Rhythm	Adenosine		3. mg/mL	0.1 - 0.2	mg/kg	3.8 - 7.6	mg	1.27 - 2.53	mL
	Amiodarone		50. mg/mL	5.	mg/kg	190.	mg	3.8	mL
	Lidocaine 2%		20. mg/mL	1.	mg/kg	38.	mg	1.9	mL
	Cardioversion	1st Shock	0.5 J/kg	0.5	J/kg	19.	Joules		
		2nd Shock	1. J/kg	1.	J/kg	38.	Joules		
	Defibrillation	1st Shock	2. J/kg	2.	J/kg	76.	Joules		
		2nd & 3rd Shock	4. J/kg	4.	J/kg	150.	Joules		
Rapid Sequence Intubation	Atropine		0.1 mg/mL	0.02	mg/kg	0.5	mg	5.	mL
	Etomidate	Do **not** use in suspected sepsis!	2. mg/mL vial	0.3	mg/kg	11.4	mg	5.7	mL
	Fentanyl		50. mcg/mL	3. - 5.	mcg/kg	100. - 100.	mcg	2. - 2.	mL
	Ketamine		10. mg/mL	1. - 2.	mg/kg	38. - 76.	mg	3.8 - 7.6	mL
	Propofol	**Caution:** Pts with sepsis or hypovolemia.	10. mg/mL	2. - 3.	mg/kg	76 - 100	mg	7.6 - 10.	mL
	Midazolam		1. mg/mL	0.2	mg/kg	5.	mg	5.	mL
	Rocuronium		10. mg/mL	1.	mg/kg	38.	mg	3.8	mL
	Succinylcholine	**Caution:** Pts with hyperkalemia.	20. mg/mL	1 - 2.	mg/kg	38 - 76.	mg	1.9 - 3.8	mL
	Vecuronium		1. mg/mL	0.1	mg/kg	3.8	mg	3.8	mL
Antidote	Flumazenil		0.1 mg/mL	0.01	mg/kg	0.2	mg	2.	mL
	Naloxone		0.4 mg/mL	0.1	mg/kg	2.	mg	5.	mL

Drips	Drug	Drip Concentration (mcg/mL)	Dose Range (mcg/kg/min.)	Patient Dose (mcg/kg/min.)	Rate (mL/hr)
	Amiodarone *	1800	5 - 15	5.	6.3
	Dopamine *	1600	5 - 20	5.	7.1
	Dobutamine *	4000	5 - 20	5.	2.9
	Epinephrine	10	0.1 - 1	0.1	22.8
	Lidocaine *	8000	20 - 50	20.	5.7
	Norepinephrine	16	0.1 - 2	0.1	14.3
	* Available in this concentration as a premix solution				

Anaphylaxis/Asthma					
	Epinephrine 1:1000 (IM/SQ)	1. mg/mL	0.01 mg/kg	0.3 mg	0.3 mL

	Weight (kg)	Fluid Requirement for 24 hrs	Fluid Requirement per hour
Daily:	38.	1860.	78

First 10 kg = 100 mL/kg/24 hrs
Second 10 kg = 1000 mL + 50 mL/kg
Over 20 kg = 1500 mL + 20 mL/kg >20

Hourly:
Daily fluid requirement ÷ 24

*** Note Concentration**

Weight Verified by: _____ RN

GREEN DRAWER v.12.22.21

PROVIDENCE Children's Health

Patient Name test
Date

Weight kg	40.00

For Patients 38.1 kg to 40 kg
Emergency Pediatric Dosing Sheet

Chart represents Pediatric dosing by weight up to the usual adult dose

	Drug	Concentration *	Standard Dose	Patient Dose	Volume
Code	Epinephrine **(IV)**	0.1 mg/mL	0.01 mg/kg	0.4 mg	4. mL
	Epinephrine **(ET use ONLY)**	1. mg/mL	0.1 mg/kg	4. mg	4. mL
	Atropine	0.1 mg/mL	0.02 mg/kg	0.5 mg	5. mL
	Calcium Chloride	100. mg/mL	20. mg/kg	800. mg	8. mL
	Dextrose 50%	0.5 g/mL	0.5 g/kg	20. g	40. mL
	Magnesium	40. mg/ml	25 - 50. mg/kg	1000 - 2000 mg	25 - 50 mL
	NaBicarb 8.4%	1. mEq/ml	1. mEq/kg	40. mEq	40. mL
Rhythm	Adenosine	3. mg/mL	0.1 - 0.2 mg/kg	4. - 8. mg	1.33 - 2.67 mL
	Amiodarone	50. mg/mL	5. mg/kg	200. mg	4. mL
	Lidocaine 2%	20. mg/mL	1. mg/kg	40. mg	2. mL
	Cardioversion 1st Shock	0.5 J/kg	0.5 J/kg	20. Joules	
	Cardioversion 2nd Shock	1. J/kg	1. J/kg	40. Joules	
	Defibrillation 1st Shock	2. J/kg	2. J/kg	80. Joules	
	Defibrillation 2nd & 3rd Shock	4. J/kg	4. J/kg	150. Joules	
Rapid Sequence Intubation	Atropine	0.1 mg/mL	0.02 mg/kg	0.5 mg	5. mL
	Etomidate	Do **not** use in suspected sepsis! 2. mg/mL vial	0.3 mg/kg	12. mg	6. mL
	Fentanyl	50. mcg/mL	3. - 5. mcg/kg	100. - 100. mcg	2. - 2. mL
	Ketamine	10. mg/mL	1. - 2. mg/kg	40. - 80. mg	4. - 8. mL
	Propofol	**Caution:** Pts with sepsis or hypovolemia. 10. mg/mL	2. - 3. mg/kg	80 - 100 mg	8. - 10. mL
	Midazolam	1. mg/mL	0.2 mg/kg	5. mg	5. mL
	Rocuronium	10. mg/mL	1. mg/kg	40. mg	4. mL
	Succinylcholine	**Caution:** Pts with hyperkalemia. 20. mg/mL	1 - 2. mg/kg	40 - 80. mg	2. - 4. mL
	Vecuronium	1. mg/mL	0.1 mg/kg	4. mg	4. mL
Antidote	Flumazenil	0.1 mg/mL	0.01 mg/kg	0.2 mg	2. mL
	Naloxone	0.4 mg/mL	0.1 mg/kg	2. mg	5. mL

Drips	Drug	Drip Concentration (mcg/mL)	Dose Range (mcg/kg/min.)	Patient Dose (mcg/kg/min.)	Rate (mL/hr)
	Amiodarone *	1800	5 - 15	5.	6.7
	Dopamine *	1600	5 - 20	5.	7.5
	Dobutamine *	4000	5 - 20	5.	3.0
	Epinephrine	10	0.1 - 1	0.1	24.0
	Lidocaine *	8000	20 - 50	20.	6.0
	Norepinephrine	16	0.1 - 2	0.1	15.0
	* Available in this concentration as a premix solution				

Anaphylaxis/Asthma					
	Epinephrine 1:1000 (IM/SQ)	1. mg/mL	0.01 mg/kg	0.3 mg	0.3 mL

	Weight (kg)	Fluid Requirement for 24 hrs	Fluid Requirement per hour
Daily:	40.	1900.	79

First 10 kg = 100 mL/kg/24 hrs
Second 10 kg = 1000 mL + 50 mL/kg
Over 20 kg = 1500 mL + 20 mL/kg >20

Hourly:
Daily fluid requirement ÷ 24

*** Note Concentration**

Weight Verified by: _____ RN

GREEN DRAWER v.12.22.21

PROVIDENCE Children's Health

Patient Name test
Date

Weight kg	42.00

For Patients 40.1 kg to 42 kg
Emergency Pediatric Dosing Sheet

Chart represents Pediatric dosing by weight up to the usual adult dose

	Drug	Concentration *		Standard Dose		Patient Dose		Volume	
Code	Epinephrine **(IV)**		0.1 mg/mL	0.01	mg/kg	0.42	mg	4.2	mL
	Epinephrine **(ET use ONLY)**		1. mg/mL	0.1	mg/kg	4.2	mg	4.2	mL
	Atropine		0.1 mg/mL	0.02	mg/kg	0.5	mg	5.	mL
	Calcium Chloride		100. mg/mL	20.	mg/kg	840.	mg	8.4	mL
	Dextrose 50%		0.5 g/mL	0.5	g/kg	21.	g	42.	mL
	Magnesium		40. mg/ml	25 - 50.	mg/kg	1050 - 2000	mg	26.25 - 50	mL
	NaBicarb 8.4%		1. mEq/ml	1.	mEq/kg	42.	mEq	42.	mL
Rhythm	Adenosine		3. mg/mL	0.1 - 0.2	mg/kg	4.2 - 8.4	mg	1.4 - 2.8	mL
	Amiodarone		50. mg/mL	5.	mg/kg	210.	mg	4.2	mL
	Lidocaine 2%		20. mg/mL	1.	mg/kg	42.	mg	2.1	mL
	Cardioversion	1st Shock	0.5 J/kg	0.5	J/kg	21.	Joules		
		2nd Shock	1. J/kg	1.	J/kg	42.	Joules		
	Defibrillation	1st Shock	2. J/kg	2.	J/kg	84.	Joules		
		2nd & 3rd Shock	4. J/kg	4.	J/kg	150.	Joules		
Rapid Sequence Intubation	Atropine		0.1 mg/mL	0.02	mg/kg	0.5	mg	5.	mL
	Etomidate	Do **not** use in suspected sepsis!	2. mg/mL vial	0.3	mg/kg	12.6	mg	6.3	mL
	Fentanyl		50. mcg/mL	3. - 5.	mcg/kg	100. - 100.	mcg	2. - 2.	mL
	Ketamine		10. mg/mL	1. - 2.	mg/kg	42. - 84.	mg	4.2 - 8.4	mL
	Propofol	**Caution:** Pts with sepsis or hypovolemia.	10. mg/mL	2. - 3.	mg/kg	84 - 100	mg	8.4 - 10.	mL
	Midazolam		1. mg/mL	0.2	mg/kg	5.	mg	5.	mL
	Rocuronium		10. mg/mL	1.	mg/kg	42.	mg	4.2	mL
	Succinylcholine	**Caution:** Pts with hyperkalemia.	20. mg/mL	1 - 2.	mg/kg	42 - 84.	mg	2.1 - 4.2	mL
	Vecuronium		1. mg/mL	0.1	mg/kg	4.2	mg	4.2	mL
Antidote	Flumazenil		0.1 mg/mL	0.01	mg/kg	0.2	mg	2.	mL
	Naloxone		0.4 mg/mL	0.1	mg/kg	2.	mg	5.	mL

Drips	Drug	Drip Concentration (mcg/mL)	Dose Range (mcg/kg/min.)	Patient Dose (mcg/kg/min.)	Rate (mL/hr)
	Amiodarone *	1800	5 - 15	5.	7.0
	Dopamine *	1600	5 - 20	5.	7.9
	Dobutamine *	4000	5 - 20	5.	3.2
	Epinephrine	10	0.1 - 1	0.1	25.2
	Lidocaine *	8000	20 - 50	20.	6.3
	Norepinephrine	16	0.1 - 2	0.1	15.8
	* Available in this concentration as a premix solution				

Anaphylaxis/Asthma					
	Epinephrine 1:1000 (IM/SQ)	1. mg/mL	0.01 mg/kg	0.3 mg	0.3 mL

	Weight (kg)	Fluid Requirement for 24 hrs	Fluid Requirement per hour
Daily:	42.	1940.	81

First 10 kg = 100 mL/kg/24 hrs
Second 10 kg = 1000 mL + 50 mL/kg
Over 20 kg = 1500 mL + 20 mL/kg >20

Hourly:
Daily fluid requirement ÷ 24

*** Note Concentration**

Weight Verified by: _____ RN

GREEN DRAWER v.12.22.21

PROVIDENCE Children's Health

Patient Name test
Date

Weight kg	44.00

For Patients 42.1 kg to 44 kg
Emergency Pediatric Dosing Sheet

Chart represents Pediatric dosing by weight up to the usual adult dose

	Drug	Concentration *		Standard Dose		Patient Dose		Volume	
Code	Epinephrine **(IV)**		0.1 mg/mL	0.01	mg/kg	0.44	mg	4.4	mL
	Epinephrine **(ET use ONLY)**		1. mg/mL	0.1	mg/kg	4.4	mg	4.4	mL
	Atropine		0.1 mg/mL	0.02	mg/kg	0.5	mg	5.	mL
	Calcium Chloride		100. mg/mL	20.	mg/kg	880.	mg	8.8	mL
	Dextrose 50%		0.5 g/mL	0.5	g/kg	22.	g	44.	mL
	Magnesium		40. mg/ml	25 - 50.	mg/kg	1100 - 2000	mg	27.5 - 50	mL
	NaBicarb 8.4%		1. mEq/ml	1.	mEq/kg	44.	mEq	44.	mL
Rhythm	Adenosine		3. mg/mL	0.1 - 0.2	mg/kg	4.4 - 8.8	mg	1.47 - 2.93	mL
	Amiodarone		50. mg/mL	5.	mg/kg	220.	mg	4.4	mL
	Lidocaine 2%		20. mg/mL	1.	mg/kg	44.	mg	2.2	mL
	Cardioversion	1st Shock	0.5 J/kg	0.5	J/kg	22.	Joules		
		2nd Shock	1. J/kg	1.	J/kg	44.	Joules		
	Defibrillation	1st Shock	2. J/kg	2.	J/kg	88.	Joules		
		2nd & 3rd Shock	4. J/kg	4.	J/kg	150.	Joules		
Rapid Sequence Intubation	Atropine		0.1 mg/mL	0.02	mg/kg	0.5	mg	5.	mL
	Etomidate	Do **not** use in suspected sepsis!	2. mg/mL vial	0.3	mg/kg	13.2	mg	6.6	mL
	Fentanyl		50. mcg/mL	3. - 5.	mcg/kg	100. - 100.	mcg	2. - 2.	mL
	Ketamine		10. mg/mL	1. - 2.	mg/kg	44. - 88.	mg	4.4 - 8.8	mL
	Propofol	**Caution:** Pts with sepsis or hypovolemia.	10. mg/mL	2. - 3.	mg/kg	88 - 100	mg	8.8 - 10.	mL
	Midazolam		1. mg/mL	0.2	mg/kg	5.	mg	5.	mL
	Rocuronium		10. mg/mL	1.	mg/kg	44.	mg	4.4	mL
	Succinylcholine	**Caution:** Pts with hyperkalemia.	20. mg/mL	1 - 2.	mg/kg	44 - 88.	mg	2.2 - 4.4	mL
	Vecuronium		1. mg/mL	0.1	mg/kg	4.4	mg	4.4	mL
Antidote	Flumazenil		0.1 mg/mL	0.01	mg/kg	0.2	mg	2.	mL
	Naloxone		0.4 mg/mL	0.1	mg/kg	2.	mg	5.	mL

Drips	Drug	Drip Concentration (mcg/mL)	Dose Range (mcg/kg/min.)	Patient Dose (mcg/kg/min.)	Rate (mL/hr)
	Amiodarone *	1800	5 - 15	5.	7.3
	Dopamine *	1600	5 - 20	5.	8.3
	Dobutamine *	4000	5 - 20	5.	3.3
	Epinephrine	10	0.1 - 1	0.1	26.4
	Lidocaine *	8000	20 - 50	20.	6.6
	Norepinephrine	16	0.1 - 2	0.1	16.5
	* Available in this concentration as a premix solution				

Anaphylaxis/Asthma					
	Epinephrine 1:1000 (IM/SQ)	1. mg/mL	0.01 mg/kg	0.3 mg	0.3 mL

	Weight (kg)	Fluid Requirement for 24 hrs	Fluid Requirement per hour
Daily:	44.	1980.	83

First 10 kg = 100 mL/kg/24 hrs
Second 10 kg = 1000 mL + 50 mL/kg
Over 20 kg = 1500 mL + 20 mL/kg >20

Hourly:
Daily fluid requirement ÷ 24

*** Note Concentration**

Weight Verified by: _____ RN

GREEN DRAWER v.12.22.21

PROVIDENCE Children's Health

Patient Name test
Date

Weight kg	46.00

For Patients 44.1 kg to 46 kg
Emergency Pediatric Dosing Sheet

Chart represents Pediatric dosing by weight up to the usual adult dose

	Drug	Concentration *		Standard Dose		Patient Dose		Volume	
Code	Epinephrine **(IV)**		0.1 mg/mL	0.01	mg/kg	0.46	mg	4.6	mL
	Epinephrine **(ET use ONLY)**		1. mg/mL	0.1	mg/kg	4.6	mg	4.6	mL
	Atropine		0.1 mg/mL	0.02	mg/kg	0.5	mg	5.	mL
	Calcium Chloride		100. mg/mL	20.	mg/kg	920.	mg	9.2	mL
	Dextrose 50%		0.5 g/mL	0.5	g/kg	23.	g	46.	mL
	Magnesium		40. mg/ml	25 - 50.	mg/kg	1150 - 2000	mg	28.75 - 50	mL
	NaBicarb 8.4%		1. mEq/ml	1.	mEq/kg	46.	mEq	46.	mL
Rhythm	Adenosine		3. mg/mL	0.1 - 0.2	mg/kg	4.6 - 9.2	mg	1.53 - 3.07	mL
	Amiodarone		50. mg/mL	5.	mg/kg	230.	mg	4.6	mL
	Lidocaine 2%		20. mg/mL	1.	mg/kg	46.	mg	2.3	mL
	Cardioversion	1st Shock	0.5 J/kg	0.5	J/kg	23.	Joules		
		2nd Shock	1. J/kg	1.	J/kg	46.	Joules		
	Defibrillation	1st Shock	2. J/kg	2.	J/kg	92.	Joules		
		2nd & 3rd Shock	4. J/kg	4.	J/kg	150.	Joules		
Rapid Sequence Intubation	Atropine		0.1 mg/mL	0.02	mg/kg	0.5	mg	5.	mL
	Etomidate	Do **not** use in suspected sepsis!	2. mg/mL vial	0.3	mg/kg	13.8	mg	6.9	mL
	Fentanyl		50. mcg/mL	3. - 5.	mcg/kg	100. - 100.	mcg	2. - 2.	mL
	Ketamine		10. mg/mL	1. - 2.	mg/kg	46. - 92.	mg	4.6 - 9.2	mL
	Propofol	**Caution:** Pts with sepsis or hypovolemia.	10. mg/mL	2. - 3.	mg/kg	92 - 100	mg	9.2 - 10.	mL
	Midazolam		1. mg/mL	0.2	mg/kg	5.	mg	5.	mL
	Rocuronium		10. mg/mL	1.	mg/kg	46.	mg	4.6	mL
	Succinylcholine	**Caution:** Pts with hyperkalemia.	20. mg/mL	1 - 2.	mg/kg	46 - 92.	mg	2.3 - 4.6	mL
	Vecuronium		1. mg/mL	0.1	mg/kg	4.6	mg	4.6	mL
Antidote	Flumazenil		0.1 mg/mL	0.01	mg/kg	0.2	mg	2.	mL
	Naloxone		0.4 mg/mL	0.1	mg/kg	2.	mg	5.	mL

Drips	Drug	Drip Concentration (mcg/mL)	Dose Range (mcg/kg/min.)	Patient Dose (mcg/kg/min.)	Rate (mL/hr)
	Amiodarone *	1800	5 - 15	5.	7.7
	Dopamine *	1600	5 - 20	5.	8.6
	Dobutamine *	4000	5 - 20	5.	3.5
	Epinephrine	10	0.1 - 1	0.1	27.6
	Lidocaine *	8000	20 - 50	20.	6.9
	Norepinephrine	16	0.1 - 2	0.1	17.3
	* Available in this concentration as a premix solution				

Anaphylaxis/Asthma					
	Epinephrine 1:1000 (IM/SQ)	1. mg/mL	0.01 mg/kg	0.3 mg	0.3 mL

	Weight (kg)	Fluid Requirement for 24 hrs	Fluid Requirement per hour
Daily:	46.	2020.	84

First 10 kg = 100 mL/kg/24 hrs
Second 10 kg = 1000 mL + 50 mL/kg
Over 20 kg = 1500 mL + 20 mL/kg >20

Hourly:
Daily fluid requirement ÷ 24

*** Note Concentration**

Weight Verified by: _____ RN

GREEN DRAWER v.12.22.21

PROVIDENCE Children's Health

Patient Name test
Date

Weight kg	48.00

For Patients 46.1 kg to 48 kg
Emergency Pediatric Dosing Sheet

Chart represents Pediatric dosing by weight up to the usual adult dose

	Drug	Concentration *		Standard Dose	Patient Dose	Volume
Code	Epinephrine **(IV)**		0.1 mg/mL	0.01 mg/kg	0.48 mg	4.8 mL
	Epinephrine **(ET use ONLY)**		1. mg/mL	0.1 mg/kg	4.8 mg	4.8 mL
	Atropine		0.1 mg/mL	0.02 mg/kg	0.5 mg	5. mL
	Calcium Chloride		100. mg/mL	20. mg/kg	960. mg	9.6 mL
	Dextrose 50%		0.5 g/mL	0.5 g/kg	24. g	48. mL
	Magnesium		40. mg/ml	25 - 50. mg/kg	1200 - 2000 mg	30 - 50 mL
	NaBicarb 8.4%		1. mEq/ml	1. mEq/kg	48. mEq	48. mL
Rhythm	Adenosine		3. mg/mL	0.1 - 0.2 mg/kg	4.8 - 9.6 mg	1.6 - 3.2 mL
	Amiodarone		50. mg/mL	5. mg/kg	240. mg	4.8 mL
	Lidocaine 2%		20. mg/mL	1. mg/kg	48. mg	2.4 mL
	Cardioversion	1st Shock	0.5 J/kg	0.5 J/kg	24. Joules	
		2nd Shock	1. J/kg	1. J/kg	48. Joules	
	Defibrillation	1st Shock	2. J/kg	2. J/kg	96. Joules	
		2nd & 3rd Shock	4. J/kg	4. J/kg	150. Joules	
Rapid Sequence Intubation	Atropine		0.1 mg/mL	0.02 mg/kg	0.5 mg	5. mL
	Etomidate	Do **not** use in suspected sepsis!	2. mg/mL vial	0.3 mg/kg	14.4 mg	7.2 mL
	Fentanyl		50. mcg/mL	3. - 5. mcg/kg	100. - 100. mcg	2. - 2. mL
	Ketamine		10. mg/mL	1. - 2. mg/kg	48. - 96. mg	4.8 - 9.6 mL
	Propofol	**Caution:** Pts with sepsis or hypovolemia.	10. mg/mL	2. - 3. mg/kg	96 - 100 mg	9.6 - 10. mL
	Midazolam		1. mg/mL	0.2 mg/kg	5. mg	5. mL
	Rocuronium		10. mg/mL	1. mg/kg	48. mg	4.8 mL
	Succinylcholine	**Caution:** Pts with hyperkalemia.	20. mg/mL	1 - 2. mg/kg	48 - 96. mg	2.4 - 4.8 mL
	Vecuronium		1. mg/mL	0.1 mg/kg	4.8 mg	4.8 mL
Antidote	Flumazenil		0.1 mg/mL	0.01 mg/kg	0.2 mg	2. mL
	Naloxone		0.4 mg/mL	0.1 mg/kg	2. mg	5. mL

Drips	Drug	Drip Concentration (mcg/mL)	Dose Range (mcg/kg/min.)	Patient Dose (mcg/kg/min.)	Rate (mL/hr)
	Amiodarone *	1800	5 - 15	5.	8.0
	Dopamine *	1600	5 - 20	5.	9.0
	Dobutamine *	4000	5 - 20	5.	3.6
	Epinephrine	10	0.1 - 1	0.1	28.8
	Lidocaine *	8000	20 - 50	20.	7.2
	Norepinephrine	16	0.1 - 2	0.1	18.0
	* Available in this concentration as a premix solution				

Anaphylaxis/Asthma					
	Epinephrine 1:1000 (IM/SQ)	1. mg/mL	0.01 mg/kg	0.3 mg	0.3 mL

	Weight (kg)	Fluid Requirement for 24 hrs	Fluid Requirement per hour
Daily:	48.	2060.	86

First 10 kg = 100 mL/kg/24 hrs
Second 10 kg = 1000 mL + 50 mL/kg
Over 20 kg = 1500 mL + 20 mL/kg >20

Hourly:
Daily fluid requirement ÷ 24

*** Note Concentration**

Weight Verified by: _____ RN

GREEN DRAWER v.12.22.21

PROVIDENCE Children's Health

Patient Name test
Date

Weight kg	50.00

For Patients 48.1 kg to 50 kg
Emergency Pediatric Dosing Sheet

Chart represents Pediatric dosing by weight up to the usual adult dose

	Drug	Concentration *	Standard Dose	Patient Dose	Volume
Code	Epinephrine **(IV)**	0.1 mg/mL	0.01 mg/kg	0.5 mg	5. mL
	Epinephrine **(ET use ONLY)**	1. mg/mL	0.1 mg/kg	5. mg	5. mL
	Atropine	0.1 mg/mL	0.02 mg/kg	0.5 mg	5. mL
	Calcium Chloride	100. mg/mL	20. mg/kg	1000. mg	10. mL
	Dextrose 50%	0.5 g/mL	0.5 g/kg	25. g	50. mL
	Magnesium	40. mg/ml	25 - 50. mg/kg	1250 - 2000 mg	31.25 - 50 mL
	NaBicarb 8.4%	1. mEq/ml	1. mEq/kg	50. mEq	50. mL
Rhythm	Adenosine	3. mg/mL	0.1 - 0.2 mg/kg	5. - 10. mg	1.67 - 3.33 mL
	Amiodarone	50. mg/mL	5. mg/kg	250. mg	5. mL
	Lidocaine 2%	20. mg/mL	1. mg/kg	50. mg	2.5 mL
	Cardioversion 1st Shock	0.5 J/kg	0.5 J/kg	25. Joules	
	Cardioversion 2nd Shock	1. J/kg	1. J/kg	50. Joules	
	Defibrillation 1st Shock	2. J/kg	2. J/kg	100. Joules	
	Defibrillation 2nd & 3rd Shock	4. J/kg	4. J/kg	150. Joules	
Rapid Sequence Intubation	Atropine	0.1 mg/mL	0.02 mg/kg	0.5 mg	5. mL
	Etomidate (Do **not** use in suspected sepsis!)	2. mg/mL vial	0.3 mg/kg	15. mg	7.5 mL
	Fentanyl	50. mcg/mL	3. - 5. mcg/kg	100. - 100. mcg	2. - 2. mL
	Ketamine	10. mg/mL	1. - 2. mg/kg	50. - 100. mg	5. - 10. mL
	Propofol (**Caution:** Pts with sepsis or hypovolemia.)	10. mg/mL	2. - 3. mg/kg	100 - 100 mg	10. - 10. mL
	Midazolam	1. mg/mL	0.2 mg/kg	5. mg	5. mL
	Rocuronium	10. mg/mL	1. mg/kg	50. mg	5. mL
	Succinylcholine (**Caution:** Pts with hyperkalemia.)	20. mg/mL	1 - 2. mg/kg	50 - 100. mg	2.5 - 5. mL
	Vecuronium	1. mg/mL	0.1 mg/kg	5. mg	5. mL
Antidote	Flumazenil	0.1 mg/mL	0.01 mg/kg	0.2 mg	2. mL
	Naloxone	0.4 mg/mL	0.1 mg/kg	2. mg	5. mL

Drips	Drug	Drip Concentration (mcg/mL)	Dose Range (mcg/kg/min.)	Patient Dose (mcg/kg/min.)	Rate (mL/hr)
	Amiodarone *	1800	5 - 15	5.	8.3
	Dopamine *	1600	5 - 20	5.	9.4
	Dobutamine *	4000	5 - 20	5.	3.8
	Epinephrine	10	0.1 - 1	0.1	30.0
	Lidocaine *	8000	20 - 50	20.	7.5
	Norepinephrine	16	0.1 - 2	0.1	18.8

* Available in this concentration as a premix solution

Anaphylaxis/Asthma					
	Epinephrine 1:1000 (IM/SQ)	1. mg/mL	0.01 mg/kg	0.3 mg	0.3 mL

	Weight (kg)	Fluid Requirement for 24 hrs	Fluid Requirement per hour
Daily:	50.	2100.	88

First 10 kg = 100 mL/kg/24 hrs
Second 10 kg = 1000 mL + 50 mL/kg
Over 20 kg = 1500 mL + 20 mL/kg >20

Hourly:
Daily fluid requirement ÷ 24

*** Note Concentration**

Weight Verified by: _____ RN

GREEN DRAWER v.12.22.21

PROVIDENCE Children's Health

Patient Name test
Date

Weight kg	52.00

For Patients 50.1 kg to 52 kg

Emergency Pediatric Dosing Sheet

Chart represents Pediatric dosing by weight up to the usual adult dose

	Drug	Concentration *	Standard Dose	Patient Dose	Volume
Code	Epinephrine **(IV)**	0.1 mg/mL	0.01 mg/kg	1. mg	10. mL
	Epinephrine **(ET use ONLY)**	1. mg/mL	0.1 mg/kg	5. mg	5. mL
	Atropine	0.1 mg/mL	0.02 mg/kg	0.5 mg	5. mL
	Calcium Chloride	100. mg/mL	20. mg/kg	1000. mg	10. mL
	Dextrose 50%	0.5 g/mL	0.5 g/kg	25. g	50. mL
	Magnesium	40. mg/ml	25 - 50. mg/kg	1300 - 2000 mg	32.5 - 50 mL
	NaBicarb 8.4%	1. mEq/ml	1. mEq/kg	50. mEq	50. mL
Rhythm	Adenosine	3. mg/mL	0.1 - 0.2 mg/kg	5.2 - 10.4 mg	1.73 - 3.47 mL
	Amiodarone	50. mg/mL	5. mg/kg	260. mg	5.2 mL
	Lidocaine 2%	20. mg/mL	1. mg/kg	52. mg	2.6 mL
	Cardioversion 1st Shock	0.5 J/kg	0.5 J/kg	26. Joules	
	Cardioversion 2nd Shock	1. J/kg	1. J/kg	52. Joules	
	Defibrillation 1st Shock	2. J/kg	2. J/kg	104. Joules	
	Defibrillation 2nd & 3rd Shock	4. J/kg	4. J/kg	150. Joules	
Rapid Sequence Intubation	Atropine	0.1 mg/mL	0.02 mg/kg	0.5 mg	5. mL
	Etomidate	Do **not** use in suspected sepsis! 2. mg/mL vial	0.3 mg/kg	15.6 mg	7.8 mL
	Fentanyl	50. mcg/mL	3. - 5. mcg/kg	100. - 100. mcg	2. - 2. mL
	Ketamine	10. mg/mL	1. - 2. mg/kg	52. - 104. mg	5.2 - 10.4 mL
	Propofol	**Caution:** Pts with sepsis or hypovolemia. 10. mg/mL	2. - 3. mg/kg	100 - 100 mg	10. - 10. mL
	Midazolam	1. mg/mL	0.2 mg/kg	5. mg	5. mL
	Rocuronium	10. mg/mL	1. mg/kg	52. mg	5.2 mL
	Succinylcholine	**Caution:** Pts with hyperkalemia. 20. mg/mL	1 - 2. mg/kg	52 - 104. mg	2.6 - 5.2 mL
	Vecuronium	1. mg/mL	0.1 mg/kg	5.2 mg	5.2 mL
Antidote	Flumazenil	0.1 mg/mL	0.01 mg/kg	0.2 mg	2. mL
	Naloxone	0.4 mg/mL	0.1 mg/kg	2. mg	5. mL

Drips	Drug	Drip Concentration (mcg/mL)	Dose Range (mcg/kg/min.)	Patient Dose (mcg/kg/min.)	Rate (mL/hr)
	Amiodarone *	1800	5 - 15	5.	8.7
	Dopamine *	1600	5 - 20	5.	9.8
	Dobutamine *	4000	5 - 20	5.	3.9
	Epinephrine	10	0.1 - 1	0.1	31.2
	Lidocaine *	8000	20 - 50	20.	7.8
	Norepinephrine	16	0.1 - 2	0.1	19.5
	* Available in this concentration as a premix solution				

Anaphylaxis/Asthma					
	Epinephrine 1:1000 (IM/SQ)	1. mg/mL	0.01 mg/kg	0.3 mg	0.3 mL

	Weight (kg)	Fluid Requirement for 24 hrs	Fluid Requirement per hour
Daily:	52.	2140.	89

First 10 kg = 100 mL/kg/24 hrs
Second 10 kg = 1000 mL + 50 mL/kg
Over 20 kg = 1500 mL + 20 mL/kg >20

Hourly:
Daily fluid requirement ÷ 24

*** Note Concentration**

Weight Verified by: _____ RN

GREEN DRAWER v.12.22.21

PROVIDENCE Children's Health

Patient Name test
Date

Weight kg	54.00

For Patients 52.1 kg to 54 kg

Emergency Pediatric Dosing Sheet

Chart represents Pediatric dosing by weight up to the usual adult dose

	Drug	Concentration *	Standard Dose	Patient Dose	Volume
Code	Epinephrine **(IV)**	0.1 mg/mL	0.01 mg/kg	1. mg	10. mL
	Epinephrine **(ET use ONLY)**	1. mg/mL	0.1 mg/kg	5. mg	5. mL
	Atropine	0.1 mg/mL	0.02 mg/kg	0.5 mg	5. mL
	Calcium Chloride	100. mg/mL	20. mg/kg	1000. mg	10. mL
	Dextrose 50%	0.5 g/mL	0.5 g/kg	25. g	50. mL
	Magnesium	40. mg/ml	25 - 50. mg/kg	1350 - 2000 mg	33.75 - 50 mL
	NaBicarb 8.4%	1. mEq/ml	1. mEq/kg	50. mEq	50. mL
Rhythm	Adenosine	3. mg/mL	0.1 - 0.2 mg/kg	5.4 - 10.8 mg	1.8 - 3.6 mL
	Amiodarone	50. mg/mL	5. mg/kg	270. mg	5.4 mL
	Lidocaine 2%	20. mg/mL	1. mg/kg	54. mg	2.7 mL
	Cardioversion	1st Shock 0.5 J/kg	0.5 J/kg	27. Joules	
		2nd Shock 1. J/kg	1. J/kg	54. Joules	
	Defibrillation	1st Shock 2. J/kg	2. J/kg	108. Joules	
		2nd & 3rd Shock 4. J/kg	4. J/kg	150. Joules	
Rapid Sequence Intubation	Atropine	0.1 mg/mL	0.02 mg/kg	0.5 mg	5. mL
	Etomidate	Do **not** use in suspected sepsis! 2. mg/mL vial	0.3 mg/kg	16.2 mg	8.1 mL
	Fentanyl	50. mcg/mL	3. - 5. mcg/kg	100. - 100. mcg	2. - 2. mL
	Ketamine	10. mg/mL	1. - 2. mg/kg	54. - 108. mg	5.4 - 10.8 mL
	Propofol	**Caution:** Pts with sepsis or hypovolemia. 10. mg/mL	2. - 3. mg/kg	100 - 100 mg	10. - 10. mL
	Midazolam	1. mg/mL	0.2 mg/kg	5. mg	5. mL
	Rocuronium	10. mg/mL	1. mg/kg	54. mg	5.4 mL
	Succinylcholine	**Caution:** Pts with hyperkalemia. 20. mg/mL	1 - 2. mg/kg	54 - 108. mg	2.7 - 5.4 mL
	Vecuronium	1. mg/mL	0.1 mg/kg	5.4 mg	5.4 mL
Antidote	Flumazenil	0.1 mg/mL	0.01 mg/kg	0.2 mg	2. mL
	Naloxone	0.4 mg/mL	0.1 mg/kg	2. mg	5. mL

Drips	Drug	Drip Concentration (mcg/mL)	Dose Range (mcg/kg/min.)	Patient Dose (mcg/kg/min.)	Rate (mL/hr)
	Amiodarone *	1800	5 - 15	5.	9.0
	Dopamine *	1600	5 - 20	5.	10.1
	Dobutamine *	4000	5 - 20	5.	4.1
	Epinephrine	10	0.1 - 1	0.1	32.4
	Lidocaine *	8000	20 - 50	20.	8.1
	Norepinephrine	16	0.1 - 2	0.1	20.3
	* Available in this concentration as a premix solution				

Anaphylaxis/Asthma					
	Epinephrine 1:1000 (IM/SQ)	1. mg/mL	0.01 mg/kg	0.3 mg	0.3 mL

	Weight (kg)	Fluid Requirement for 24 hrs	Fluid Requirement per hour
Daily:	54.	2180.	91

First 10 kg = 100 mL/kg/24 hrs
Second 10 kg = 1000 mL + 50 mL/kg
Over 20 kg = 1500 mL + 20 mL/kg >20

Hourly:
Daily fluid requirement ÷ 24

*** Note Concentration**

Weight Verified by: _____ RN

GREEN DRAWER v.12.22.21

PROVIDENCE Children's Health

Patient Name test
Date

Weight kg	56.00

For Patients 54.1 kg to 56 kg
Emergency Pediatric Dosing Sheet

Chart represents Pediatric dosing by weight up to the usual adult dose

	Drug	Concentration *	Standard Dose	Patient Dose	Volume
Code	Epinephrine **(IV)**	0.1 mg/mL	0.01 mg/kg	1. mg	10. mL
	Epinephrine **(ET use ONLY)**	1. mg/mL	0.1 mg/kg	5. mg	5. mL
	Atropine	0.1 mg/mL	0.02 mg/kg	0.5 mg	5. mL
	Calcium Chloride	100. mg/mL	20. mg/kg	1000. mg	10. mL
	Dextrose 50%	0.5 g/mL	0.5 g/kg	25. g	50. mL
	Magnesium	40. mg/ml	25 - 50. mg/kg	1400 - 2000 mg	35 - 50 mL
	NaBicarb 8.4%	1. mEq/ml	1. mEq/kg	50. mEq	50. mL
Rhythm	Adenosine	3. mg/mL	0.1 - 0.2 mg/kg	5.6 - 11.2 mg	1.87 - 3.73 mL
	Amiodarone	50. mg/mL	5. mg/kg	280. mg	5.6 mL
	Lidocaine 2%	20. mg/mL	1. mg/kg	56. mg	2.8 mL
	Cardioversion 1st Shock	0.5 J/kg	0.5 J/kg	28. Joules	
	Cardioversion 2nd Shock	1. J/kg	1. J/kg	56. Joules	
	Defibrillation 1st Shock	2. J/kg	2. J/kg	112. Joules	
	Defibrillation 2nd & 3rd Shock	4. J/kg	4. J/kg	150. Joules	
Rapid Sequence Intubation	Atropine	0.1 mg/mL	0.02 mg/kg	0.5 mg	5. mL
	Etomidate (Do **not** use in suspected sepsis!)	2. mg/mL vial	0.3 mg/kg	16.8 mg	8.4 mL
	Fentanyl	50. mcg/mL	3. - 5. mcg/kg	100. - 100. mcg	2. - 2. mL
	Ketamine	10. mg/mL	1. - 2. mg/kg	56. - 112. mg	5.6 - 11.2 mL
	Propofol (**Caution:** Pts with sepsis or hypovolemia.)	10. mg/mL	2. - 3. mg/kg	100 - 100 mg	10. - 10. mL
	Midazolam	1. mg/mL	0.2 mg/kg	5. mg	5. mL
	Rocuronium	10. mg/mL	1. mg/kg	56. mg	5.6 mL
	Succinylcholine (**Caution:** Pts with hyperkalemia.)	20. mg/mL	1 - 2. mg/kg	56 - 112. mg	2.8 - 5.6 mL
	Vecuronium	1. mg/mL	0.1 mg/kg	5.6 mg	5.6 mL
Antidote	Flumazenil	0.1 mg/mL	0.01 mg/kg	0.2 mg	2. mL
	Naloxone	0.4 mg/mL	0.1 mg/kg	2. mg	5. mL

Drips	Drug	Drip Concentration (mcg/mL)	Dose Range (mcg/kg/min.)	Patient Dose (mcg/kg/min.)	Rate (mL/hr)
	Amiodarone *	1800	5 - 15	5.	9.3
	Dopamine *	1600	5 - 20	5.	10.5
	Dobutamine *	4000	5 - 20	5.	4.2
	Epinephrine	10	0.1 - 1	0.1	33.6
	Lidocaine *	8000	20 - 50	20.	8.4
	Norepinephrine	16	0.1 - 2	0.1	21.0
	* Available in this concentration as a premix solution				

Anaphylaxis/Asthma					
	Epinephrine 1:1000 (IM/SQ)	1. mg/mL	0.01 mg/kg	0.3 mg	0.3 mL

	Weight (kg)	Fluid Requirement for 24 hrs	Fluid Requirement per hour
Daily:	56.	2220.	93

First 10 kg = 100 mL/kg/24 hrs
Second 10 kg = 1000 mL + 50 mL/kg
Over 20 kg = 1500 mL + 20 mL/kg >20

Hourly:
Daily fluid requirement ÷ 24

*** Note Concentration**

Weight Verified by: _____ RN

PROVIDENCE Children's Health

Patient Name test
Date

Weight kg	58.00

For Patients 56.1 kg to 58 kg
Emergency Pediatric Dosing Sheet

Chart represents Pediatric dosing by weight up to the usual adult dose

	Drug	Concentration *	Standard Dose	Patient Dose	Volume
Code	Epinephrine **(IV)**	0.1 mg/mL	0.01 mg/kg	1. mg	10. mL
	Epinephrine **(ET use ONLY)**	1. mg/mL	0.1 mg/kg	5. mg	5. mL
	Atropine	0.1 mg/mL	0.02 mg/kg	0.5 mg	5. mL
	Calcium Chloride	100. mg/mL	20. mg/kg	1000. mg	10. mL
	Dextrose 50%	0.5 g/mL	0.5 g/kg	25. g	50. mL
	Magnesium	40. mg/ml	25 - 50. mg/kg	1450 - 2000 mg	36.25 - 50 mL
	NaBicarb 8.4%	1. mEq/ml	1. mEq/kg	50. mEq	50. mL
Rhythm	Adenosine	3. mg/mL	0.1 - 0.2 mg/kg	5.8 - 11.6 mg	1.93 - 3.87 mL
	Amiodarone	50. mg/mL	5. mg/kg	290. mg	5.8 mL
	Lidocaine 2%	20. mg/mL	1. mg/kg	58. mg	2.9 mL
	Cardioversion 1st Shock	0.5 J/kg	0.5 J/kg	29. Joules	
	Cardioversion 2nd Shock	1. J/kg	1. J/kg	58. Joules	
	Defibrillation 1st Shock	2. J/kg	2. J/kg	116. Joules	
	Defibrillation 2nd & 3rd Shock	4. J/kg	4. J/kg	150. Joules	
Rapid Sequence Intubation	Atropine	0.1 mg/mL	0.02 mg/kg	0.5 mg	5. mL
	Etomidate	Do **not** use in suspected sepsis! 2. mg/mL vial	0.3 mg/kg	17.4 mg	8.7 mL
	Fentanyl	50. mcg/mL	3. - 5. mcg/kg	100. - 100. mcg	2. - 2. mL
	Ketamine	10. mg/mL	1. - 2. mg/kg	58. - 116. mg	5.8 - 11.6 mL
	Propofol	**Caution:** Pts with sepsis or hypovolemia. 10. mg/mL	2. - 3. mg/kg	100 - 100 mg	10. - 10. mL
	Midazolam	1. mg/mL	0.2 mg/kg	5. mg	5. mL
	Rocuronium	10. mg/mL	1. mg/kg	58. mg	5.8 mL
	Succinylcholine	**Caution:** Pts with hyperkalemia. 20. mg/mL	1 - 2. mg/kg	58 - 116. mg	2.9 - 5.8 mL
	Vecuronium	1. mg/mL	0.1 mg/kg	5.8 mg	5.8 mL
Antidote	Flumazenil	0.1 mg/mL	0.01 mg/kg	0.2 mg	2. mL
	Naloxone	0.4 mg/mL	0.1 mg/kg	2. mg	5. mL

	Drug	Drip Concentration (mcg/mL)	Dose Range (mcg/kg/min.)	Patient Dose (mcg/kg/min.)	Rate (mL/hr)
Drips	Amiodarone *	1800	5 - 15	5.	9.7
	Dopamine *	1600	5 - 20	5.	10.9
	Dobutamine *	4000	5 - 20	5.	4.4
	Epinephrine	10	0.1 - 1	0.1	34.8
	Lidocaine *	8000	20 - 50	20.	8.7
	Norepinephrine	16	0.1 - 2	0.1	21.8
	* Available in this concentration as a premix solution				

Anaphylaxis/Asthma	Epinephrine 1:1000 (IM/SQ)	1. mg/mL	0.01 mg/kg	0.3 mg	0.3 mL

	Weight (kg)	Fluid Requirement for 24 hrs	Fluid Requirement per hour
Daily:	58.	2260.	94

First 10 kg = 100 mL/kg/24 hrs
Second 10 kg = 1000 mL + 50 mL/kg
Over 20 kg = 1500 mL + 20 mL/kg >20

Hourly:
Daily fluid requirement ÷ 24

*** Note Concentration**

Weight Verified by: _____ RN

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PROVIDENCE Children's Health

Patient Name test
Date

Dosing kg	60.00

For Patients 58.1 kg & Above

Emergency Pediatric Dosing Sheet

Chart represents Pediatric dosing by weight up to the usual adult dose

	Drug	Concentration *	Standard Dose	Patient Dose	Volume
Code	Epinephrine **(IV)**	0.1 mg/mL	0.01 mg/kg	1. mg	10. mL
	Epinephrine **(ET use ONLY)**	1. mg/mL	0.1 mg/kg	5. mg	5. mL
	Atropine	0.1 mg/mL	0.02 mg/kg	0.5 mg	5. mL
	Calcium Chloride	100. mg/mL	20. mg/kg	1000. mg	10. mL
	Dextrose 50%	0.5 g/mL	0.5 g/kg	25. g	50. mL
	Magnesium	40. mg/ml	25 - 50. mg/kg	1500 - 2000 mg	37.5 - 50 mL
	NaBicarb 8.4%	1. mEq/ml	1. mEq/kg	50. mEq	50. mL
Rhythm	Adenosine	3. mg/mL	0.1 - 0.2 mg/kg	6. - 12. mg	2. - 4. mL
	Amiodarone	50. mg/mL	5. mg/kg	300. mg	6. mL
	Lidocaine 2%	20. mg/mL	1. mg/kg	60. mg	3. mL
	Cardioversion 1st Shock	0.5 J/kg	0.5 J/kg	30. Joules	
	Cardioversion 2nd Shock	1. J/kg	1. J/kg	60. Joules	
	Defibrillation 1st Shock	2. J/kg	2. J/kg	120. Joules	
	Defibrillation 2nd & 3rd Shock	4. J/kg	4. J/kg	150. Joules	
Rapid Sequence Intubation	Atropine	0.1 mg/mL	0.02 mg/kg	0.5 mg	5. mL
	Etomidate	Do **not** use in suspected sepsis! 2. mg/mL vial	0.3 mg/kg	18. mg	9. mL
	Fentanyl	50. mcg/mL	3. - 5. mcg/kg	100. - 100. mcg	2. - 2. mL
	Ketamine	10. mg/mL	1. - 2. mg/kg	60. - 120. mg	6. - 12. mL
	Propofol	**Caution:** Pts with sepsis or hypovolemia. 10. mg/mL	2. - 3. mg/kg	100 - 100 mg	10. - 10. mL
	Midazolam	1. mg/mL	0.2 mg/kg	5. mg	5. mL
	Rocuronium	10. mg/mL	1. mg/kg	60. mg	6. mL
	Succinylcholine	**Caution:** Pts with hyperkalemia. 20. mg/mL	1 - 2. mg/kg	60 - 120. mg	3. - 6. mL
	Vecuronium	1. mg/mL	0.1 mg/kg	6. mg	6. mL
Antidote	Flumazenil	0.1 mg/mL	0.01 mg/kg	0.2 mg	2. mL
	Naloxone	0.4 mg/mL	0.1 mg/kg	2. mg	5. mL

Drips	Drug	Drip Concentration (mcg/mL)	Dose Range (mcg/kg/min.)	Patient Dose (mcg/kg/min.)	Rate (mL/hr)
	Amiodarone *	1800	5 - 15	5.	10.0
	Dopamine *	1600	5 - 20	5.	11.3
	Dobutamine *	4000	5 - 20	5.	4.5
	Epinephrine	10	0.1 - 1	0.1	36.0
	Lidocaine *	8000	20 - 50	20.	9.0
	Norepinephrine	16	0.1 - 2	0.1	22.5
	* Available in this concentration as a premix solution				

Anaphylaxis/Asthma					
	Epinephrine 1:1000 (IM/SQ)	1. mg/mL	0.01 mg/kg	0.3 mg	0.3 mL

	Weight (kg)	Fluid Requirement for 24 hrs	Fluid Requirement per hour
Daily:	60.	2300.	96

First 10 kg = 100 mL/kg/24 hrs
Second 10 kg = 1000 mL + 50 mL/kg
Over 20 kg = 1500 mL + 20 mL/kg >20

Hourly:
Daily fluid requirement ÷ 24

*** Note Concentration**

Weight Verified by: _____ RN

GREEN DRAWER v.12.22.21

PROVIDENCE
Children's Health

Pediatric Anaphylaxis Sheets

Pediatric Anaphylaxis Sheets range from:

- 3 kg to 22 kg in 1 kg increment, then
- 22 kg to 40 kg in 2 kg increments

When selecting an appropriate sheet for a patient, round up to the next whole number in kg and select that sheet (i.e., patient's weight is 7.4 kg – use the 8 kg sheet).

For patients who weigh over 40 kg, continue to use the 40kg sheet to avoid exceeding maximum dosing.

PROVIDENCE Health & Services

Patient Name:	
Date:	
Actual weight in kg:	3

Pediatric Anaphylaxis Medications

Chart represents pediatric dosing by weight up to the usual adult dose

Drug	Concentration	Standard Dose	Patient Dose	Volume
Diphenhydramine:	50 mg/mL	1 mg/kg	3 mg	0.06mL
Epinephrine **(Intramuscular use only)**	1 mg/mL	0.01 mg/kg	0.03 mg	0.03mL
Methylprednisolone:	125 mg/2mL	2 mg/kg	6 mg	0.096mL

Weight Verified by:

Date:

Note: For pediatric equipment sizes, refer to Broselow tape to identify correct drawer based on age and weight

Notes:

Patient Name:	
Date:	
Actual weight in kg:	4

Pediatric Anaphylaxis Medications

Chart represents pediatric dosing by weight up to the usual adult dose

Drug	Concentration	Standard Dose	Patient Dose	Volume
Diphenhydramine:	50 mg/mL	1 mg/kg	4 mg	0.08mL
Epinephrine **(Intramuscular use only)**	1 mg/mL	0.01 mg/kg	0.04 mg	0.04mL
Methylprednisolone:	125 mg/2mL	2 mg/kg	8 mg	0.128mL

Weight Verified by:

Date:

Note: For pediatric equipment sizes, refer to Broselow tape to identify correct drawer based on age and weight

Notes:

Patient Name:	
Date:	
Actual weight in kg:	5

Pediatric Anaphylaxis Medications

Chart represents pediatric dosing by weight up to the usual adult dose

Drug	Concentration	Standard Dose	Patient Dose	Volume
Diphenhydramine:	50 mg/mL	1 mg/kg	5 mg	0.1mL
Epinephrine **(Intramuscular use only)**	1 mg/mL	0.01 mg/kg	0.05 mg	0.05mL
Methylprednisolone:	125 mg/2mL	2 mg/kg	10 mg	0.16mL

Weight Verified by:

Date:

Note: For pediatric equipment sizes, refer to Broselow tape to identify correct drawer based on age and weight

Notes:

Patient Name:	
Date:	
Actual weight in kg:	6

Pediatric Anaphylaxis Medications

Chart represents pediatric dosing by weight up to the usual adult dose

Drug	Concentration	Standard Dose	Patient Dose	Volume
Diphenhydramine:	50 mg/mL	1 mg/kg	6 mg	0.12mL
Epinephrine **(Intramuscular use only)**	1 mg/mL	0.01 mg/kg	0.06 mg	0.06mL
Methylprednisolone:	125 mg/2mL	2 mg/kg	12 mg	0.192mL

Weight Verified by:

Date:

Note: For pediatric equipment sizes, refer to Broselow tape to identify correct drawer based on age and weight

Notes:

Patient Name:	
Date:	
Actual weight in kg:	7

Pediatric Anaphylaxis Medications

Chart represents pediatric dosing by weight up to the usual adult dose

Drug	Concentration	Standard Dose	Patient Dose	Volume
Diphenhydramine:	50 mg/mL	1 mg/kg	7 mg	0.14mL
Epinephrine **(Intramuscular use only)**	1 mg/mL	0.01 mg/kg	0.07 mg	0.07mL
Methylprednisolone:	125 mg/2mL	2 mg/kg	14 mg	0.224mL

Weight Verified by:

Date:

Note: For pediatric equipment sizes, refer to Broselow tape to identify correct drawer based on age and weight

Notes:

Patient Name:	
Date:	
Actual weight in kg:	8

Pediatric Anaphylaxis Medications

Chart represents pediatric dosing by weight up to the usual adult dose

Drug	Concentration	Standard Dose	Patient Dose	Volume
Diphenhydramine:	50 mg/mL	1 mg/kg	8 mg	0.16mL
Epinephrine **(Intramuscular use only)**	1 mg/mL	0.01 mg/kg	0.08 mg	0.08mL
Methylprednisolone:	125 mg/2mL	2 mg/kg	16 mg	0.256mL

Weight Verified by:

Date:

Note: For pediatric equipment sizes, refer to Broselow tape to identify correct drawer based on age and weight

Notes:

Patient Name:	
Date:	
Actual weight in kg:	9

Pediatric Anaphylaxis Medications

Chart represents pediatric dosing by weight up to the usual adult dose

Drug	Concentration	Standard Dose	Patient Dose	Volume
Diphenhydramine:	50 mg/mL	1 mg/kg	9 mg	0.18mL
Epinephrine **(Intramuscular use only)**	1 mg/mL	0.01 mg/kg	0.09 mg	0.09mL
Methylprednisolone:	125 mg/2mL	2 mg/kg	18 mg	0.288mL

Weight Verified by:

Date:

Note: For pediatric equipment sizes, refer to Broselow tape to identify correct drawer based on age and weight

Notes:

Patient Name:	
Date:	
Actual weight in kg:	10

Pediatric Anaphylaxis Medications

Chart represents pediatric dosing by weight up to the usual adult dose

Drug	Concentration	Standard Dose	Patient Dose	Volume
Diphenhydramine:	50 mg/mL	1 mg/kg	10 mg	0.2mL
Epinephrine **(Intramuscular use only)**	1 mg/mL	0.01 mg/kg	0.1 mg	0.1mL
Methylprednisolone:	125 mg/2mL	2 mg/kg	20 mg	0.32mL

Weight Verified by:

Date:

Note: For pediatric equipment sizes, refer to Broselow tape to identify correct drawer based on age and weight

Notes:

Patient Name:	
Date:	
Actual weight in kg:	11

Pediatric Anaphylaxis Medications

Chart represents pediatric dosing by weight up to the usual adult dose

Drug	Concentration	Standard Dose	Patient Dose	Volume
Diphenhydramine:	50 mg/mL	1 mg/kg	11 mg	0.22mL
Epinephrine **(Intramuscular use only)**	1 mg/mL	0.01 mg/kg	0.11 mg	0.11mL
Methylprednisolone:	125 mg/2mL	2 mg/kg	22 mg	0.352mL

Weight Verified by:

Date:

Note: For pediatric equipment sizes, refer to Broselow tape to identify correct drawer based on age and weight

Notes:

Patient Name:	
Date:	
Actual weight in kg:	12

Pediatric Anaphylaxis Medications

Chart represents pediatric dosing by weight up to the usual adult dose

Drug	Concentration	Standard Dose	Patient Dose	Volume
Diphenhydramine:	50 mg/mL	1 mg/kg	12 mg	0.24mL
Epinephrine **(Intramuscular use only)**	1 mg/mL	0.01 mg/kg	0.12 mg	0.12mL
Methylprednisolone:	125 mg/2mL	2 mg/kg	24 mg	0.384mL

Weight Verified by:

Date:

Note: For pediatric equipment sizes, refer to Broselow tape to identify correct drawer based on age and weight

Notes:

Patient Name:	
Date:	
Actual weight in kg:	13

Pediatric Anaphylaxis Medications

Chart represents pediatric dosing by weight up to the usual adult dose

Drug	Concentration	Standard Dose	Patient Dose	Volume
Diphenhydramine:	50 mg/mL	1 mg/kg	13 mg	0.26mL
Epinephrine **(Intramuscular use only)**	1 mg/mL	0.01 mg/kg	0.13 mg	0.13mL
Methylprednisolone:	125 mg/2mL	2 mg/kg	26 mg	0.416mL

Weight Verified by:

Date:

Note: For pediatric equipment sizes, refer to Broselow tape to identify correct drawer based on age and weight

Notes:

Patient Name:	
Date:	
Actual weight in kg:	14

Pediatric Anaphylaxis Medications

Chart represents pediatric dosing by weight up to the usual adult dose

Drug	Concentration	Standard Dose	Patient Dose	Volume
Diphenhydramine:	50 mg/mL	1 mg/kg	14 mg	0.28mL
Epinephrine **(Intramuscular use only)**	1 mg/mL	0.01 mg/kg	0.14 mg	0.14mL
Methylprednisolone:	125 mg/2mL	2 mg/kg	28 mg	0.448mL

Weight Verified by:

Date:

Note: For pediatric equipment sizes, refer to Broselow tape to identify correct drawer based on age and weight

Notes:

Patient Name:	
Date:	
Actual weight in kg:	15

Pediatric Anaphylaxis Medications

Chart represents pediatric dosing by weight up to the usual adult dose

Drug	Concentration	Standard Dose	Patient Dose	Volume
Diphenhydramine:	50 mg/mL	1 mg/kg	15 mg	0.3mL
Epinephrine **(Intramuscular use only)**	1 mg/mL	0.01 mg/kg	0.15 mg	0.15mL
Methylprednisolone:	125 mg/2mL	2 mg/kg	30 mg	0.48mL

Weight Verified by:

Date:

Note: For pediatric equipment sizes, refer to Broselow tape to identify correct drawer based on age and weight

Notes:

Patient Name:	
Date:	
Actual weight in kg:	16

Pediatric Anaphylaxis Medications

Chart represents pediatric dosing by weight up to the usual adult dose

Drug	Concentration	Standard Dose	Patient Dose	Volume
Diphenhydramine:	50 mg/mL	1 mg/kg	16 mg	0.32mL
Epinephrine **(Intramuscular use only)**	1 mg/mL	0.01 mg/kg	0.16 mg	0.16mL
Methylprednisolone:	125 mg/2mL	2 mg/kg	32 mg	0.512mL

Weight Verified by:

Date:

Note: For pediatric equipment sizes, refer to Broselow tape to identify correct drawer based on age and weight

Notes:

Patient Name:	
Date:	
Actual weight in kg:	17

Pediatric Anaphylaxis Medications

Chart represents pediatric dosing by weight up to the usual adult dose

Drug	Concentration	Standard Dose	Patient Dose	Volume
Diphenhydramine:	50 mg/mL	1 mg/kg	17 mg	0.34mL
Epinephrine **(Intramuscular use only)**	1 mg/mL	0.01 mg/kg	0.17 mg	0.17mL
Methylprednisolone:	125 mg/2mL	2 mg/kg	34 mg	0.544mL

Weight Verified by:

Date:

Note: For pediatric equipment sizes, refer to Broselow tape to identify correct drawer based on age and weight

Notes:

Patient Name:	
Date:	
Actual weight in kg:	18

Pediatric Anaphylaxis Medications

Chart represents pediatric dosing by weight up to the usual adult dose

Drug	Concentration	Standard Dose	Patient Dose	Volume
Diphenhydramine:	50 mg/mL	1 mg/kg	18 mg	0.36mL
Epinephrine **(Intramuscular use only)**	1 mg/mL	0.01 mg/kg	0.18 mg	0.18mL
Methylprednisolone:	125 mg/2mL	2 mg/kg	36 mg	0.576mL

Weight Verified by:

Date:

Note: For pediatric equipment sizes, refer to Broselow tape to identify correct drawer based on age and weight

Notes:

Patient Name:	
Date:	
Actual weight in kg:	19

Pediatric Anaphylaxis Medications

Chart represents pediatric dosing by weight up to the usual adult dose

Drug	Concentration	Standard Dose	Patient Dose	Volume
Diphenhydramine:	50 mg/mL	1 mg/kg	19 mg	0.38mL
Epinephrine **(Intramuscular use only)**	1 mg/mL	0.01 mg/kg	0.19 mg	0.19mL
Methylprednisolone:	125 mg/2mL	2 mg/kg	38 mg	0.608mL

Weight Verified by:

Date:

Note: For pediatric equipment sizes, refer to Broselow tape to identify correct drawer based on age and weight

Notes:

Patient Name:	
Date:	
Actual weight in kg:	20

Pediatric Anaphylaxis Medications

Chart represents pediatric dosing by weight up to the usual adult dose

Drug	Concentration	Standard Dose	Patient Dose	Volume
Diphenhydramine:	50 mg/mL	1 mg/kg	20 mg	0.4mL
Epinephrine **(Intramuscular use only)**	1 mg/mL	0.01 mg/kg	0.2 mg	0.2mL
Methylprednisolone:	125 mg/2mL	2 mg/kg	40 mg	0.64mL

Weight Verified by:

Date:

Note: For pediatric equipment sizes, refer to Broselow tape to identify correct drawer based on age and weight

Notes:

Patient Name:	
Date:	
Actual weight in kg:	21

Pediatric Anaphylaxis Medications

Chart represents pediatric dosing by weight up to the usual adult dose

Drug	Concentration	Standard Dose	Patient Dose	Volume
Diphenhydramine:	50 mg/mL	1 mg/kg	21 mg	0.42mL
Epinephrine **(Intramuscular use only)**	1 mg/mL	0.01 mg/kg	0.21 mg	0.21mL
Methylprednisolone:	125 mg/2mL	2 mg/kg	42 mg	0.672mL

Weight Verified by:

Date:

Note: For pediatric equipment sizes, refer to Broselow tape to identify correct drawer based on age and weight

Notes:

Patient Name:	
Date:	
Actual weight in kg:	22

Pediatric Anaphylaxis Medications

Chart represents pediatric dosing by weight up to the usual adult dose

Drug	Concentration	Standard Dose	Patient Dose	Volume
Diphenhydramine:	50 mg/mL	1 mg/kg	22 mg	0.44mL
Epinephrine **(Intramuscular use only)**	1 mg/mL	0.01 mg/kg	0.22 mg	0.22mL
Methylprednisolone:	125 mg/2mL	2 mg/kg	44 mg	0.704mL

Weight Verified by:

Date:

Note: For pediatric equipment sizes, refer to Broselow tape to identify correct drawer based on age and weight

Notes:

Patient Name:	
Date:	
Actual weight in kg:	24

Pediatric Anaphylaxis Medications

Chart represents pediatric dosing by weight up to the usual adult dose

Drug	Concentration	Standard Dose	Patient Dose	Volume
Diphenhydramine:	50 mg/mL	1 mg/kg	24 mg	0.48mL
Epinephrine **(Intramuscular use only)**	1 mg/mL	0.01 mg/kg	0.24 mg	0.24mL
Methylprednisolone:	125 mg/2mL	2 mg/kg	48 mg	0.768mL

Weight Verified by:

Date:

Note: For pediatric equipment sizes, refer to Broselow tape to identify correct drawer based on age and weight

Notes:

Patient Name:	
Date:	
Actual weight in kg:	26

Pediatric Anaphylaxis Medications

Chart represents pediatric dosing by weight up to the usual adult dose

Drug	Concentration	Standard Dose	Patient Dose	Volume
Diphenhydramine:	50 mg/mL	1 mg/kg	26 mg	0.52mL
Epinephrine **(Intramuscular use only)**	1 mg/mL	0.01 mg/kg	0.26 mg	0.26mL
Methylprednisolone:	125 mg/2mL	2 mg/kg	52 mg	0.832mL

Weight Verified by:

Date:

Note: For pediatric equipment sizes, refer to Broselow tape to identify correct drawer based on age and weight

Notes:

Patient Name:	
Date:	
Actual weight in kg:	28

Pediatric Anaphylaxis Medications

Chart represents pediatric dosing by weight up to the usual adult dose

Drug	Concentration	Standard Dose	Patient Dose	Volume
Diphenhydramine:	50 mg/mL	1 mg/kg	28 mg	0.56mL
Epinephrine **(Intramuscular use only)**	1 mg/mL	0.01 mg/kg	0.28 mg	0.28mL
Methylprednisolone:	125 mg/2mL	2 mg/kg	56 mg	0.896mL

Weight Verified by:

Date:

Note: For pediatric equipment sizes, refer to Broselow tape to identify correct drawer based on age and weight

Notes:

Patient Name:	
Date:	
Actual weight in kg:	30

Pediatric Anaphylaxis Medications

Chart represents pediatric dosing by weight up to the usual adult dose

Drug	Concentration	Standard Dose	Patient Dose	Volume
Diphenhydramine:	50 mg/mL	1 mg/kg	30 mg	0.6mL
Epinephrine **(Intramuscular use only)**	1 mg/mL	0.01 mg/kg	0.3 mg	0.3mL
Methylprednisolone:	125 mg/2mL	2 mg/kg	60 mg	0.96mL

Weight Verified by:

Date:

Note: For pediatric equipment sizes, refer to Broselow tape to identify correct drawer based on age and weight

Notes:

Patient Name:	
Date:	
Actual weight in kg:	32

Pediatric Anaphylaxis Medications

Chart represents pediatric dosing by weight up to the usual adult dose

Drug	Concentration	Standard Dose	Patient Dose	Volume
Diphenhydramine:	50 mg/mL	1 mg/kg	32 mg	0.64mL
Epinephrine **(Intramuscular use only)**	1 mg/mL	0.01 mg/kg	0.32 mg	0.32mL
Methylprednisolone:	125 mg/2mL	2 mg/kg	64 mg	1.024mL

Weight Verified by:

Date:

Note: For pediatric equipment sizes, refer to Broselow tape to identify correct drawer based on age and weight

Notes:

Patient Name:	
Date:	
Actual weight in kg:	34

Pediatric Anaphylaxis Medications

Chart represents pediatric dosing by weight up to the usual adult dose

Drug	Concentration	Standard Dose	Patient Dose	Volume
Diphenhydramine:	50 mg/mL	1 mg/kg	34 mg	0.68mL
Epinephrine **(Intramuscular use only)**	1 mg/mL	0.01 mg/kg	0.34 mg	0.34mL
Methylprednisolone:	125 mg/2mL	2 mg/kg	68 mg	1.088mL

Weight Verified by:

Date:

Note: For pediatric equipment sizes, refer to Broselow tape to identify correct drawer based on age and weight

Notes:

Patient Name:	
Date:	
Actual weight in kg:	36

Pediatric Anaphylaxis Medications

Chart represents pediatric dosing by weight up to the usual adult dose

Drug	Concentration	Standard Dose	Patient Dose	Volume
Diphenhydramine:	50 mg/mL	1 mg/kg	36 mg	0.72mL
Epinephrine **(Intramuscular use only)**	1 mg/mL	0.01 mg/kg	0.36 mg	0.36mL
Methylprednisolone:	125 mg/2mL	2 mg/kg	72 mg	1.152mL

Weight Verified by:

Date:

Note: For pediatric equipment sizes, refer to Broselow tape to identify correct drawer based on age and weight

Notes:

Patient Name:	
Date:	
Actual weight in kg:	38

Pediatric Anaphylaxis Medications

Chart represents pediatric dosing by weight up to the usual adult dose

Drug	Concentration	Standard Dose	Patient Dose	Volume
Diphenhydramine:	50 mg/mL	1 mg/kg	38 mg	0.76mL
Epinephrine **(Intramuscular use only)**	1 mg/mL	0.01 mg/kg	0.38 mg	0.38mL
Methylprednisolone:	125 mg/2mL	2 mg/kg	76 mg	1.216mL

Weight Verified by:

Date:

Note: For pediatric equipment sizes, refer to Broselow tape to identify correct drawer based on age and weight

Notes:

Patient Name:	
Date:	
Actual weight in kg:	40

Pediatric Anaphylaxis Medications

Chart represents pediatric dosing by weight up to the usual adult dose

Drug	Concentration	Standard Dose	Patient Dose	Volume
Diphenhydramine:	50 mg/mL	1 mg/kg	40 mg	0.8mL
Epinephrine **(Intramuscular use only)**	1 mg/mL	0.01 mg/kg	0.4 mg	0.4mL
Methylprednisolone:	125 mg/2mL	2 mg/kg	80 mg	1.28mL

Weight Verified by:

Date:

Note: For pediatric equipment sizes, refer to Broselow tape to identify correct drawer based on age and weight

Notes:

Standardized Broselow Cart Medication Drawer Top Drawer- Pharmacy to Stock	Quantity
Adenosine - 6mg/2ml vial	5
Amiodarone - 150mg/3ml amp	4
Atropine - 1mg/10 ml syringe	3
Calcium Chloride - 1gm/10ml syringe	2
Dextrose 25% - 2.5gm/10ml syringe	1
Dextrose 50% - 25gm/50ml syringe	1
DOPamine 400mg/250mL infusion	1 bag (on top of med tray)
Epinephrine - 1mg/10ml syringe	6
Epinephrine - 1mg/ml 30ml vial**Label with bright label "Note Concentration"	1
Etomidate - 2mg/ml 20ml vial	1
Flumazenil - 1m/10ml vial	1
Lidocaine 1% - 10mg/ml 30ml vial	1
Lidocaine 2% - 100mg/5ml syringe	4
Magnesium Sulfate 2g/50mL infusion	2
Naloxone - 0.4mg/1ml vial	4
Sodium Bicarbonate 4.2% - 5mEq/10ml syringe	2
Sodium Bicarbonate 8.4% - 50mEq/50ml syringe	2
Sodium Chloride 0.9% Flush - 10ml syringe	6
Sodium Chloride 0.9% PF - 10ml vial	1
Anaphylaxis Kit-Pharmacy to stock Place in plastic bag labeled "Anaphylaxis Kit" in medication drawer	
Dexamethasone 10mg/1mL vial	1
Diphenhydramine - 50mg/1ml vial	1
Methylprednisolone Sod Succ 125mg/2mL vial	1
Racemic Epinephrine 2.25% 0.5mL neb soln	1
NS 3 ml nebulizer for diluent	1
Materials Management to Stock	
Sterile Rapid-fill Connector	2
Clave Multidose Vial Access Spike - Latex Free	5
1mL BD Luer-Lock Syringe	6
3mL Luer-Lock Syringe	4
5mL/6mL Luer-Lock Syringe	4
10mL/12mL Luer-Lock Syringe	4
Monoject Syringe Tip Caps	1 pack of 10
NDL MEDIC PLASTIC ANTI STICK	6
WIPE ALCOHOL PREP 2PLY MED	10
Fluid Dispensing Connector #FDC1000	5
Stopcock 3w	3
18G x1" needles	5
27Gx 1mL syringe/needle	1
Filter straw	1
18G Filter needle	1
Sharpie	1
Medication labels	1 pack of 6

Utility Drawer- Materials Management to Stock
NS 500mL x 2
D5W 50mL x1
D10W 250mL x 1
35mL Luer-Lock Syringe x1
60mL Luer-Lock Syringe x1

Endotracheal Tube (ETT) Guideline

ETT Size:	ETT Insertion Length in Centimeters (cm):	Located in Broselow Cart Drawer:
2.5 Uncuffed	9-9.5 cm (3kg); 9.5-10 cm (4kg); 10-10.5 cm (5 kg)	Gray/Pink/Red
3.0 Uncuffed	9-10 cm	Purple
3.0 Cuffed	10-10.5 (Pink); 10.5-11 (Red)	Gray/Pink/Red
3.5 Uncuffed	10-10.5 (Pink); 10.5-11 (Red)	Gray/Pink/Red; Yellow
3.5 Cuffed	11-12	Purple
4.0 Uncuffed	11-12	Purple; White
4.0 Cuffed	12.5-13.5	Yellow
4.5 Uncuffed	12.5-13.5	Yellow; Blue
4.5 Cuffed	14-15	White
5.0 Uncuffed	14-15	White
5.0 Cuffed	15.5-16.5	Blue
5.5 Uncuffed	15.5-16.5	Blue
5.5 Cuffed	17-18	Orange
6.0 Cuffed	18.5-19.5	Orange; Green
6.5 Cuffed	19.5-20.5	Green

Insertion Depth: Average starting depth is tube size multiplied by 3

- **Follows 2019 Broselow Tape**
- **Includes additional half size smaller uncuffed ETT in gray/pink/red, purple, yellow, white, & blue drawers**
- **Includes a half size larger cuffed ETT in orange and green drawers**

PROVIDENCE
Children's Health

Pediatric Lab Reference Sheets

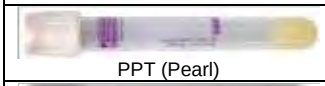
Content for *Pediatric Lab Reference Sheets* needs to be updated frequently to support current practices. To access a comprehensive list of details for Providence labs, use the following to verify data:

https://www.testmenu.com/providence or call x56660

PROVIDENCE Health & Services

Oregon Region Laboratory Services
Phone: (503) 215-6555
Toll-Free: (866) 674-7990
www.providence.org/lab

Tube Guide & Order of Draw

Tube Type	Common Tests
 Blood Culture Bottles	**Microbiology:** Blood cultures
 Sodium Citrate (Lt Blue)	**Coagulation:** PT/INR, APTT, Factor Assays, Fibrinogen, D-Dimer
 ACD (Yellow)	**Special Tests:** HLA Typing
 No Additive (Red)	**Therapeutic Drug Monitoring / Toxicology:** Gabapentin, Keppra, Ethylene Glycol **Special Chemistry:** Testosterone
 SST (Gold)	**General Chemistry:** CMP/ BMP, Bilirubin, Lipids, Renal Panel, Iron, CRP, Vitamin D, B12, PSA, Thyroid Studies, Lipase, Magnesium, Phosphorous, Potassium, Sodium **Serology/Immunology:** HCG, Hepatitis, HIV, ANA, Syphilis/RPR, Allergens
 Serum Trace Element (Dark Blue)	**Trace Metals:** Copper, Zinc
 PST (Lt Green)	**General Chemistry:** CMP/BMP, Lipids, Iron, CRP, B12, Thyroid Studies, Troponin
 (Dark Green)	**Cytogenetic Testing:** *See Test Catalog*
 EDTA (Lavender/Pink)	**Hematology:** CBC, Hemoglobin/Hematocrit, Platelet Count, Reticulocyte Count, ESR(Sed Rate) Hemoglobin A1C, BNP **Molecular Genomics:** *See Test Catalog* **Blood Bank:** Type & Screen, Transfusion, OB Panel
 PPT (Pearl)	**Molecular Diagnostics:** HCV/HBV/HIV PCR Quant (viral load)
 EDTA Trace Element (Dark Blue)	**Trace Metals:** Arsenic, Lead, Cadmium, Mercury
 Fluoride Oxalate (Gray)	**Biochemistry:** Glucose, Lactate, Methanol

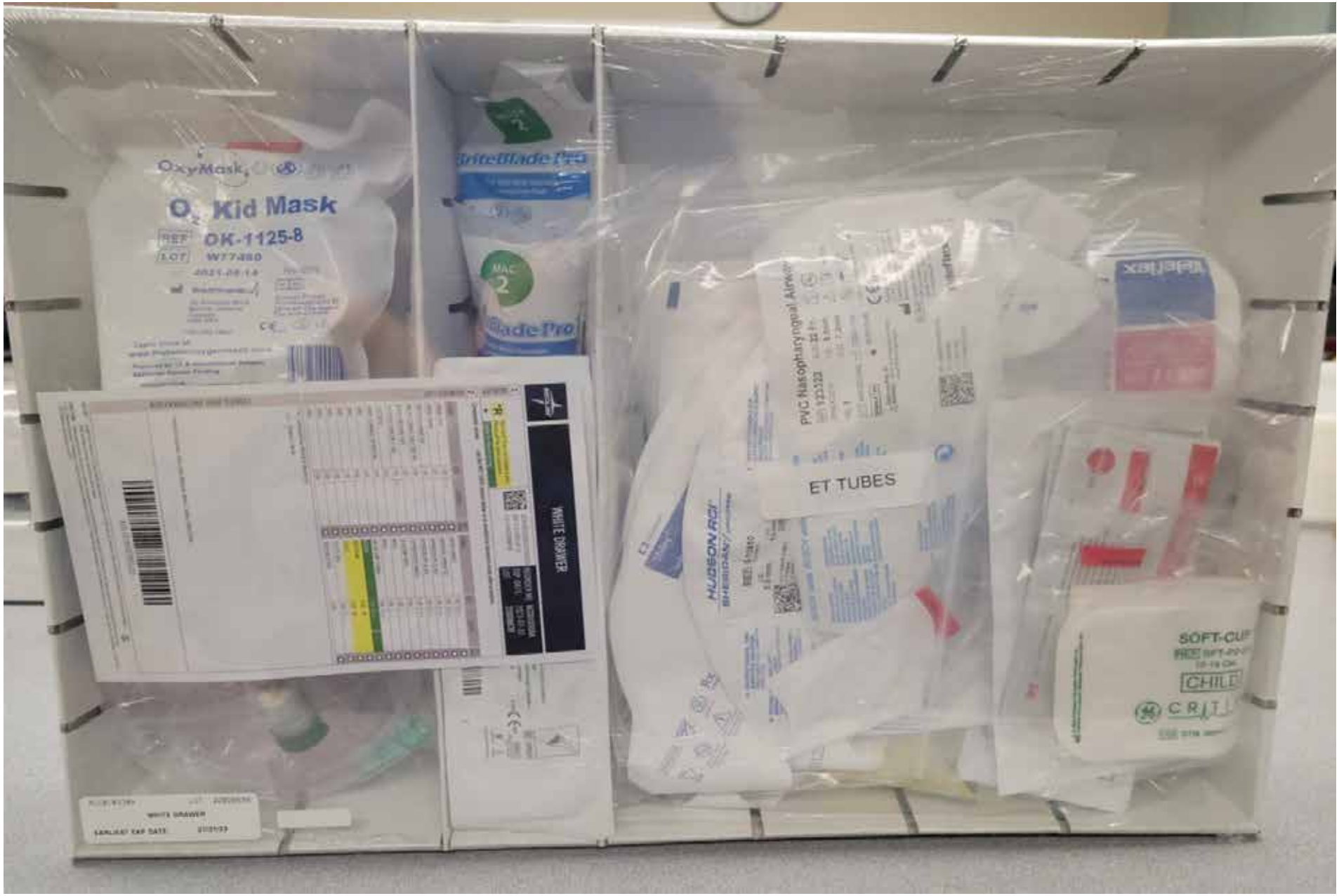
- This is not a definitive list of currently available tests. See the laboratory Test Catalog for additional testing information and for details about Providence Oregon Laboratory Services.

Pink-Red-Gray Drawer:

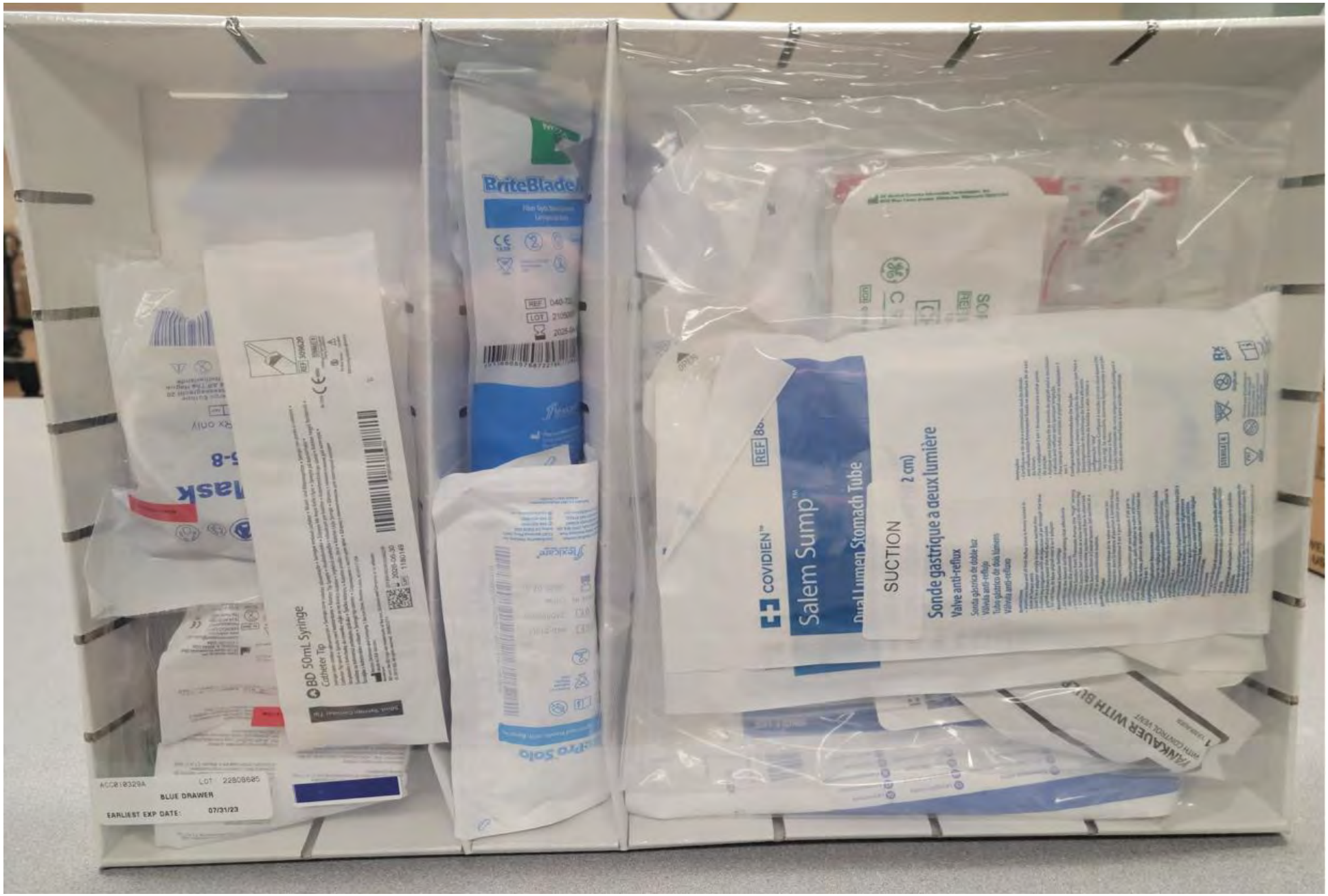
Purple Drawer:

Yellow Drawer:

White Drawer:



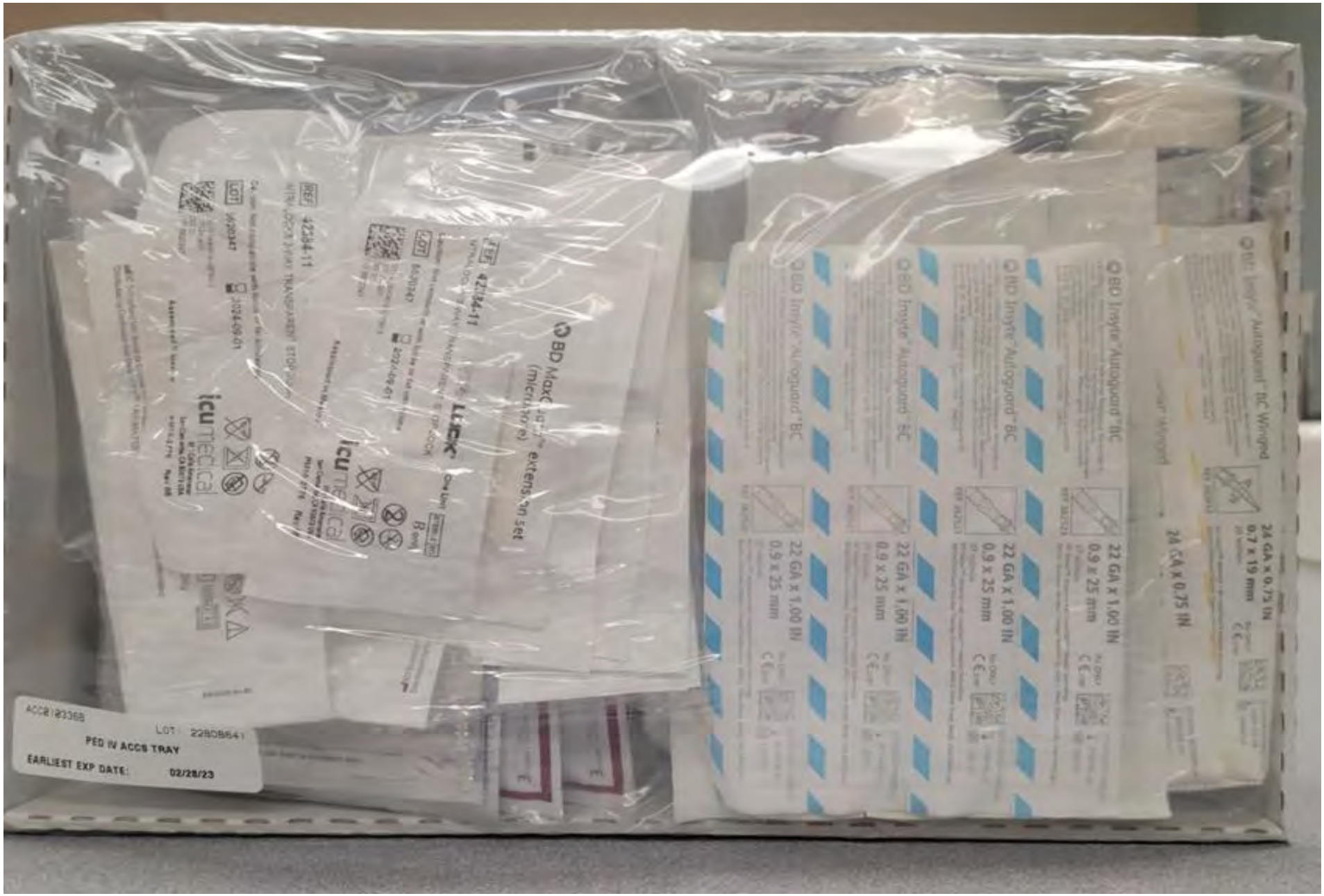
Blue Drawer:


BriteBlade
BD 50mL Syringe
Catheter Tip
COVIDIEN™
Salem Sump™
SUCTION
Sonde gastrique a deux lumière
Valve anti-reflux
BLUE DRAWER
EARLIEST EXP DATE: 07/31/23

Orange Drawer:

Green Drawer:

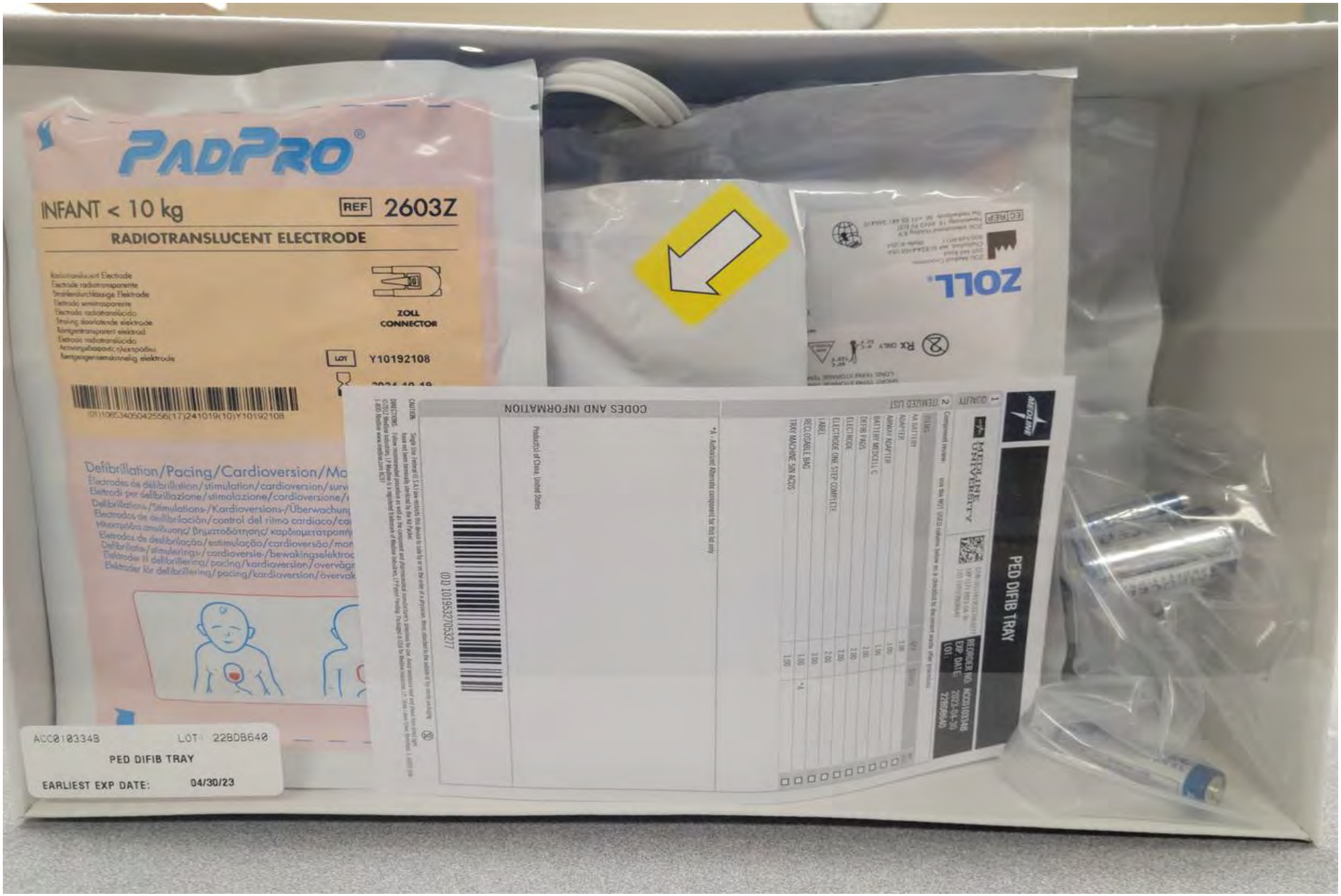
Ped IV Access Tray:



Ped Pneumo Tray:

Ped RT Intubation Access Tray:

Ped Defib Tray:



PROVIDENCE
Children's Health

Minimum Epic documentation, using *Code Blue Narrator* or *Rapid Response Flowsheet*, must include:

- Start time
- Stop time
- End outcome
- **NOTE:** Above elements may be added to Epic following the event, to avoid disrupting direct patient care during the event.

If paper-based charting is necessary, the following resources are available for use and need to be scanned into patient's electronic health record:

- *Pediatric-Neonatal Code Blue Record*
- *Pediatric Rapid Response Form*
- *Neonatal Frequent Observation Flowsheet*
  - **NOTE:** Continue with minimum Epic documentation when using paper-based charting.

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PROVIDENCE Health & Services

PPMC - Providence Portland Medical Center
PSVMC - Providence St. Vincent Medical Center
PMH - Providence Milwaukie Hospital
PHRMH - Providence Hood River Memorial Hospital
PNMC - Providence Newberg Medical Center
PSH - Providence Seaside Hospital
PMMC - Providence Medford Medical Center

NEONATAL FREQUENT OBSERVATION FLOWSHEET

PATIENT IMPRINT

Date ___/___/___
Birth Time _____
Weight _____ gms
Length _____ cm
Head _____ cm

RN	
RT	
NNP	
CRNA	
MD/DO/CNM	
Recorder	

APGARS	1 minute	5 minutes	10 minutes
Heart rate			
Resp. effort			
Muscle tone			
Reflex			
Color			
Total			

Time	VITAL SIGNS						OXYGENATION			Glucose	IVF/Medication Volume (cc)	Comments	Initials
	HR	RR	Temp.	BP	Mean BP	Pain Score - NPASS	Resp. Mode	FIO_2	SpO_2				

Time	pH	pCO_2	pO_2	HCO_3	BE	SpO_2	Source

Time	pH	pCO_2	pO_2	HCO_3	BE	SpO_2	Source

Initials	Signature/Title	Initials	Signature/Title	Initials	Signature/Title

130276 7/10

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PATIENT IMPRINT

Time	VITAL SIGNS						OXYGENATION			Glucose	IVF/Medication Volume (cc)	Comments	Initials
	HR	RR	Temp.	BP	Mean BP	Pain Score - NPASS	Resp. Mode	FIO_2	O_2 Sat				

Time	pH	pCO_2	pO_2	HCO_3	BE	SpO_2	Source	Time	pH	pCO_2	pO_2	HCO_3	BE	SpO_2	Source

Initials	Signature/Title	Initials	Signature/Title	Initials	Signature/Title

4400

PROVIDENCE Health & Services

Newborn Services - Oregon Region

NEONATAL RESUSCITATION

PATIENT IMPRINT

R-TEAM AND/OR CRNA, NNP, RT OR CARE PROVIDER **COMPLETE THIS SECTION**

Newborn Name:		Newborn Provider Name:	Sex: F / M
Date of Birth: / /	Time of Birth:	Weeks of Gestation:	EDC: / /
Birth Weight:		Length:	Head Circumference:

INDICATION

Check all that apply:

❑ Pertinent Hx: _____

_____

_____

❑ Prematurity
❑ Abnormal FHR Tracing:
Color _____
❑ C/S Emergency
❑ Vacuum/Forceps Delivery
❑ Code Light Response
❑ Multiple Birth
❑ Recent Narcotic

Other: _____

APGARS

	1 min	5 min	10 min	15 min
Color				
Heart rate				
Reflex				
Muscle tone				
Respiratory Effort				
TOTAL				

RESUSCITATION

Resuscitation Start: _____ ❑ R Team Arrival: _____ Location: _____

Resuscitation End: _____ ❑ R Team Dismissal: _____ Prebrief: ❑ Yes ❑ No

DOCUMENTATION FOR RESUSCITATION BY R-TEAM

Time Cord Clamping/Milking:
❑ Duration_____
❑ Contraindication
❑ <32 weeks use polyethylene bag

❑ **Routine Stabilization:** Warm, dry, stimulate, position airway, suction if needed, brief assessment, warm blankets, hat by RN

❑ **Additional Stablization:**
❑ Pulse oximeter placed on right wrist or hand
❑ ECG monitor placed
❑ Mask CPAP _____ x _____ minutes
❑ PPV: Room Air x _____ minutes
Maximum Oxygen used:
_____ % x _____ minutes
❑ Orogastric Tube placed

Time	VITAL SIGNS HR	RR	Temp.	BP	OXYGENATION Resp. Mode	FIO2	SpO2	Medications / Route	Dose / Volume	Comments	Initials

RESUSCITATION TEAM & ARRIVAL TIMES, NOTE TEAM LEADER(S) WITH ASTERICK

RN	TIME	CRNA/NNP	TIME	RECORDER SIGNATURE/TITLE
RN	TIME	MD/DO/CNM	TIME	OTHER
RN/RT	TIME			

4400

PROVIDENCE Health & Services

Newborn Services - Oregon Region

NEONATAL RESUSCITATION

PATIENT IMPRINT

Suggested NRP Guidelines	**Documentation of Resuscitation Procedures and Interventions for CRNA, NNP, RT or MD.** Complete Documentation on first page of this form. Below, document only interventions performed, based on infant's clinical status and course of treatment.
Before Delivery	❑ Antenatal counseling, team briefing and equipment check
0-60 sec	❑ Routine Stabilization (warm, dry, stimulate, position airway, suction if needed) stimulate, assess − term?/tone?/breathing?/crying?)
> 60 sec & respiratory distress	❑ Place TcSaO2 on right hand or wrist ❑ ECG monitor placed ❑ PPV – Start in Room Air, blend in FiO_2 to meet targeted preductal TcSaO2s ❑ Bag and Mask (maximum PEEP_____; maximum PIP _____) ❑ Neopuff (maximum PEEP_____; maximum PIP _____) ❑ Mask CPAP (PEEP_____) ❑ LMA (laryngeal mask airway)
Further resuscitation steps required **Notes:** HR < 100 – take ventilation corrective steps HR < 60 with 30 sec PPV & ↑ FiO2 – intubate & initiate chest compressions, coordinate 3:1 with respirations	❑ Ventilation corrective steps (MR SOPA = adjust mask, reposition airway, suction, open mouth, ↑ pressure, alternative airway) ❑ ETT placed ❑ Number of attempts: _____ ❑ Vocal cords visualized ❑ ETT size: _____ depth at the lip: _____ cm ❑ Confirmation of ETCO2 ❑ Breath sounds equal, chest movement adequate, & ETT secured ❑ ETT discontinued at (time): _____ ❑ CXR to document proper placement: ETT at _____ ❑ Infant placed on ventilator (see orders) ❑ Notes: _____ ❑ Chest compressions, coordinated 3:1 with PPV (preferably after intubation), ensure oxygen at 100% ❑ UVC placed emergently ❑ 3.5 F ❑ 5.0 F ❑ Single lumen ❑ Double lumen ❑ Depth: _____ cm ❑ Positive blood return noted ❑ UVC discontinued prior to XR documentation
Targeted Preductal TcSaO2s: 1 min – 60-65% 3 min – 70-75% 5 min – 80-85% 10 min – 85-95%	❑ PIV Placed: ❑ Size: _____ Location: _____ Attempts: _____ ❑ Intraosseous Line placed. Details: _____ ❑ Medications Given: ❑IV Epinephrine: 0.1-0.3 mg/kg/dose = _____ mg x _____ doses ❑ETT Epinephrine: 0.3-1 mg/kg/dose = _____ mg x _____ doses ❑IV Normal Saline: 10 ml/kg/dose = _____ ml x _____ doses ❑Other: _____
Post Delivery	❑ Team debriefing
Post-Resuscitation Response & Disposition	❑ Infant's response to resuscitation: ❑ Currently active, pink, & alert, with stable respirations. ❑ Other: _____ ❑ Transitioned to Routine Newborn Care ❑ Transitioned to Routine Post-Resuscitation Care ❑ Transferred to Newborn Nursery or NICU ❑ Care of baby transferred to Pediatrician/Transport Team

Additional Notes: _____

_____

_____

_____

_____

Signature: _____ Date: _____

Pediatric Rapid Response Record **Patient Identification**

Date: Room/Location:		Time Called:	Team Arrived:	Event Ended:	
Code Status: □ DNR □ DNI □ Full Code			Individual Initiating Call (print) :		
Primary Reason for call:			Primary RN (print):		
Children's Hospital Early Warning System (CHEWS) Scoring	**0**	**1**	**2**	**3**	**Score**
Behavior/Neuro	Playing/sleeping appropriately OR -Alert, at patient's baseline	- Sleeping, somnolent when not disturbed	- Irritable, difficult to console OR - Increase in patient's baseline seizure activity	- Lethargic/ confused, floppy OR - Reduced response to pain OR - Prolonged or frequent seizures OR - Pupils asymmetrical or sluggish	
Cardiovascular	- Skin tone appropriate for patient -Capillary refill ≤ 2 seconds	- Pale OR - Capillary refill 3-4 seconds OR - Moderate tachycardia OR - Intermittent ectopy or irregular HR (not new)	-Grey OR - Capillary refill 4-5 seconds OR - Moderate tachycardia	- Grey and mottled OR - Capillary refill › 5 seconds OR - Severe tachycardia OR - New onset bradycardia OR - New onset/increase in ectopy, irregular HR or heart block	
Respiratory	- Within normal parameters - No retractions	- Mild tachypnea/increased WOB (flaring, retracting) OR - Up to 40% supplemental oxygen OR - Up to 1L NC › patient's baseline OR - Intermittent apnea self-resolving	- Moderate tachypnea/increased WOB (i.e. flaring, retracting, grunting, use of accessory muscles) OR - 40-60% oxygen via mask OR - 1-2 NC › patient's baseline need OR - Nebs Q 1-2 hours OR - Moderate desaturations ‹ patient's baseline OR - Apnea requiring repositioning or stimulation	- Severe tachypnea OR - RR ‹ normal for age OR - Severe increased WOB (i.e. head bobbing, paradoxical breathing) OR - › 60% oxygen via mask OR - › 2 L NC more than patient's baseline need OR - Nebs Q 30 minutes – 1 hour OR - Severe desaturations ‹ patient's baseline OR - Apnea requiring interventions other than repositioning or stimulation	
Staff Concern		-Concerned			
Family Concern		-Concerned or absent			
				TOTAL SCORE:	

Score 2 extra for ¼ hourly nebulizers or persistent vomiting following surgery

Green = Score 0-2	Yellow = Score 3-4	Red = Score 5-11
-Continue routine assessments -CHEWS Q4 hours	- Notify charge nurse or LIP - Discuss treatment plan with team - Consider higher level of care - Increase frequency of vital signs/CHEWS/assessments to Q2 hours - Document interventions and notifications	-Activate Rapid Response Team or appropriate personnel per unit standard for bedside evaluation - Notify attending physician - Discuss treatment plan with team - Increase frequency of vital signs/CHEWS/assessments to Q30 minutes - Document interventions and notifications

Situation: (The problem is..)

Background: (reason in hospital/clinic; treatment so far, lab values)

Assessment: (what is worrisome)

Temp: **B/P:** **HR:** **RR:** **Cap Refill:** **sec.** **SpO2** **Time:**

Capillary Blood Glucose= (time)

Departure VS: **Temp:** **B/P:** **HR:** **RR:** **Cap Refill:** **SpO2** **Time:**

Recommendations/ Interventions

Airway/Breathing	Circulation	Labs	Medications:	Other: (specify)
□ Oral Airway □ Suctioned □ Nebulizer Tx □ Bag/Mask □ O2 cannula/ NRB mask □ Intubated □ NG tube	□ IV /bolus NS give: _____ml □ IV Fluids _____ infuse at _____ml/hr □ 12 lead EKG □ _____ □ _____ □ _____	□ ABG □ VBG □ Electrolytes □ CBC / diff □ _____ □ _____ □ _____	**Weight=** _____	**Broselow color** _____

RRT RN: (print) _____ Signature _____ □ NA

RRT RT: (print) _____ Signature _____ □ NA

Physician: (print) _____ Signature _____ □ NA

Other Staff: (print) _____ Signature _____ □ RN □RT □ NNP

Outcome: □ Stayed in Room □ Transferred to: _____ □ Family notified / Time: _____

Follow Up:	Time:_____ Date_____	By:

Notes continued:

_____
_____
_____
_____
_____
_____
_____
_____
_____
_____
_____
_____
_____
_____
_____

Time	Heart Rate	Rhythm	Color / Cap	Blood Pressure	Ventilation Rate	(√)Spont.	(√)Assisted	FiO2 %	Saturation	Breath Sounds R / L	PEWS	Blood Sugar / Blood Sugar	Comments:

RRTRN: (print) _____ Signature _____ ☐ NA
RRT RT: (print) _____ Signature_____ ☐ NA
Physician (print) _____ Signature _____ ☐ NA
Other Staff: (print) _____ Signature _____ ☐RN ☐CRT ☐NNP

Patient Label

Pediatric/ Neonatal Code Blue

PROVIDENCE Health & Services

Today's date _____ **Time Code Started:** _____

Current weight (Kg)_____ **Broselow Tape Color** _____

Was a hospital-wide resuscitation response activated? ❑ Yes ❑ No

Witnessed ❑ Yes ❑ No

Area of resuscitation _____

Patient conscious at onset ❑ Yes ❑ No

Resuscitation Event Ended @_____

Event Outcome:_____

Disposition of pt:_____

Airway/Breathing

Respiratory status at onset ❑ Spontaneous ❑ Apnea ❑ Agonal ❑ Assisted **Type(s) of Ventilation** ❑ Mouth/Mask ❑ ETT ❑ BVM ❑ Trach

Intubation: Time_____ **Size**_____ **Cuffed? Y/N** **Placed By:**_____**Verified by X-ray? Y/N**

Circulation

Chest Compressions start time:_____ **AED applied: Y/N** **First Documented Pulseless Rhythm**_____

Vital Signs **Interventions** **Medications**

Time	Temperature	Heart Rate	Respirations	Cap Refill	Blood Pressure	FiO2 Saturations	End Tidal	Rhythm	Defib Joules	Blood Sugar	Epinephrine Dose/Route	Atropine Dose/Route	Sodium Bicarb Dose	Normal Saline Dose/Volume			**Comments:** e.g. Thoracentesis, IV Start/Central Line Placement/IO, Chest Tube, Response to Interventions, Labs

PROVIDENCE Health & Services

Pediatric / Neonatal Code Blue Record (page 2)

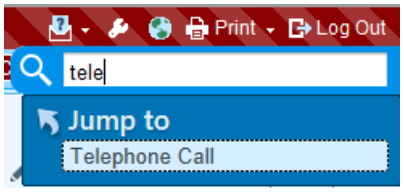
Vital Signs						Interventions						Medications					
Time	**Temperature**	**Heart Rate**	**Respirations**	**Cap Refill**	**Blood Pressure**	**FiO2 Saturations**	**End Tidal**	**Rhythm**	**Defib Joules**	**Blood Sugar**	**Epinephrine Dose/Route**	**Atropine Dose/Route**	**Sodium Bicarb Dose**	**Normal Saline Dose/Volume**			**Comments:** e.g. Thoracentesis, IV Start/Central Line Placement/IO, Chest Tube, Response to Interventions, Labs

Recorder Signature:_____
Physician Team Code Leader _____
Nursing Team Leader _____
Primary Nurse _____
Respiratory therapy _____
Other participants: _____From: _____
Other participants: _____From: _____
Other participants: _____From: _____
Other participants: _____From: _____
Other participants: _____From: _____
Other participants: _____From: _____
Other participants: _____From: _____

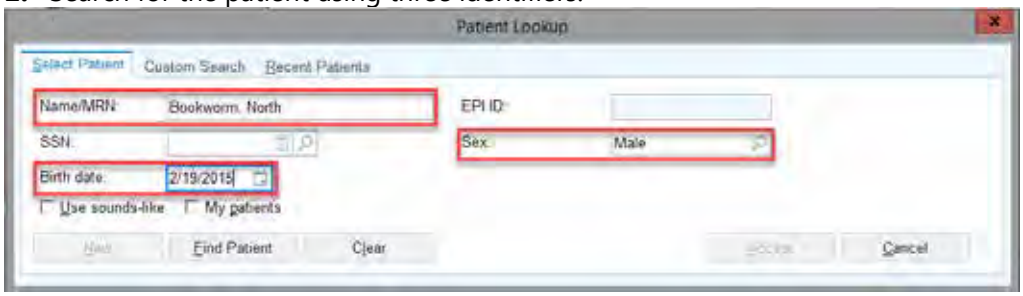
Documenting Rapid Response in Telephone Encounters

You'll need to create a Telephone Encounter to document your Rapid Response activations for non-inpatients, such as patients receiving lab draws or Diagnostic Imaging exams.

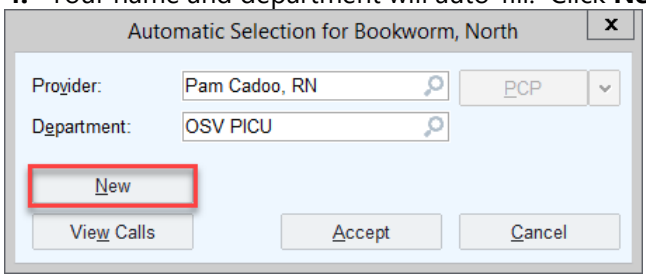
1. In the right upper corner, under the Log Out button, click the magnifying glass to open the search field. Search for "tele" and click on **Telephone Call**.



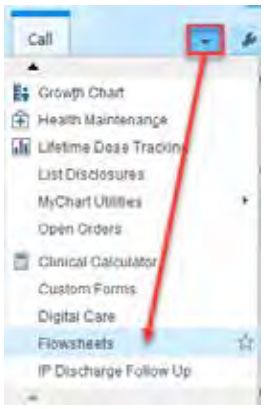
2. Search for the patient using three identifiers.



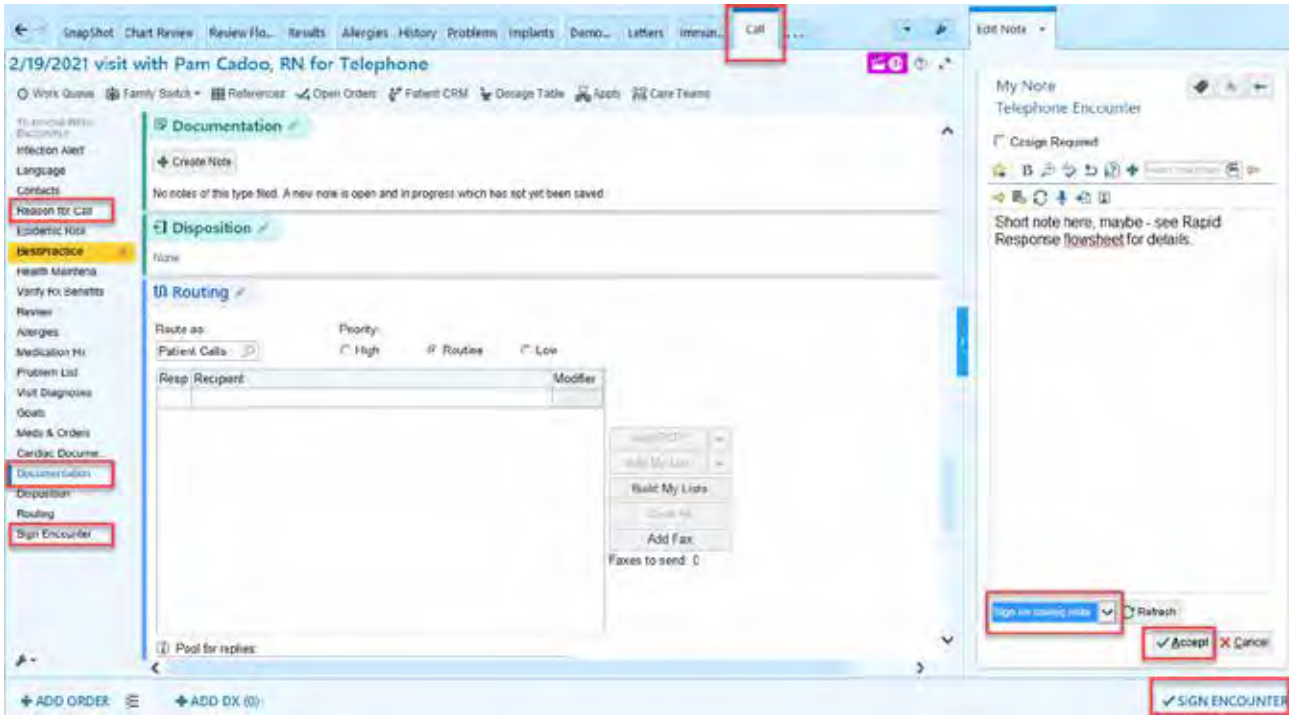
3. Double click on the correct patient name.
4. Your name and department will auto-fill. Click **New** and the chart will open.



5. Use the drop-down arrow in the right upper corner of the chart to search for and click on the **Flowsheets** activity.



6. Document in the Rapid Response flowsheet per usual, then return to the **Call** activity.
7. Complete these steps to Sign/close the encounter.
    a. Document a **Reason for Call**
    b. Add a brief note in **Documentation**
    c. Use drop down to choose **Sign on saving note** at the bottom of the note
    d. Click **Accept**
    e. Click **Sign Encounter** – either in the table of contents or in the bottom right corner of the chart.



PROVIDENCE
Children's Health

Pediatric Code Blue Debrief Sheets

Examples of generic *Pediatric Code Blue Debrief Sheets* are included in this section. Ministry specific debrief documents may be used in lieu of these resources if there is a preference to use an alternative resource.

PROVIDENCE
Health & Services

Patient Label

NOT A PART OF THE MEDICAL RECORD

Code Blue Debriefing Form

Location _____ Date/Time _____

Do we know why this patient coded? _____ [ ]Yes [ ]No

Are there outstanding orders or medications that require clarification? [ ]Yes [ ]No [ ]N/A

Has the team discussed and reprioritized actions following resuscitation? [ ]Yes [ ]No [ ]N/A

After ROSC: Is additional team support needed to manage this patient's care? [ ]yes [ ]No [ ]N/A

Any identified concerns with ACLS response and/or equipment: (If yes describe below)

What went well:

Additional Notes:

Does further debriefing need to occur? [ ]Yes [ ]No (If yes, notify unit manager)

Caregivers:

Deliver or email completed form to ED Manager or Code Blue/RRT Committee Chairperson

PROVIDENCE
Health & Services

Not a part of the Medical Chart

Patient Sticker

CODE BLUE QUALITY REVIEW- DEBRIEFING FORM

- This form to be completed by Code RN and Direct Care Nurse

Date:_____ Unit:_____ ❑ Changed to RRT

Reason Code Blue Called: ❑ Acute Respiratory Arrest ❑ Acute Cardiac Arrest ❑ Other

Support of Cardiopulmonary Resuscitation Process:

1. Was the patient evaluated by RRT during previous 24 hrs.?	❑ Yes ❑ No
2. Was the patient evaluated by the DCN during previous 1 hr.?	❑ Yes ❑ No
3. Was the patient transferred from Critical Care in previous 24 hrs.?	❑ Yes ❑ No
4. Were ECG leads on & ECG rhythm visible when code team arrived?	❑ Yes ❑ No
5. Was the back board in place?	❑ Yes ❑ No
6. Was BLS in progress when code team arrived?	❑ Yes ❑ No
7. Was same watch/clock used throughout to record times?	❑ Yes ❑ No
8. Was equipment available? **If No**, provide comment below	❑ Yes ❑ No
9. Did equipment work? **If No**, provide comment below	❑ Yes ❑ No
10. Were supplies available? **If No**, provide comment below	❑ Yes ❑ No
11. Was a physician designated as code leader?	❑ Yes ❑ No
12. Was all unnecessary staff asked to leave?	❑ Yes ❑ No
13. Was family present during the code event?	❑ Yes ❑ No
14. Was family support provided? **If No**, provide comment below	❑ Yes ❑ No
15. Were there difficulties with the family present? **If Yes**, provide comment below	❑ Yes ❑ No
16. For ED only: Was the chaplain paged?	❑ Yes ❑ No
17. Did code team have difficulty finding the code site?	❑ Yes ❑ No
18. Was patient DNR prior to code call?	❑ Yes ❑ No
19. Event documented in electronic Code Narrator or on paper? _____	

COMMENTS: _____

_____

_____

_____

Airway: ❑ Multiple Attempts ❑ Misplacement / Displacement ❑ $EtCO_2$ Monitored

Venous Access: ❑ Infiltration / Disconnection ❑ Arterial Cannulation ❑ Other _____

Chest Compressions: ❑ If intubated, effectiveness measured with $EtCO_2$ waveform and values

❑ $EtCO_2$ values shared out loud with Code Team

Person(s) Completing Form (please print):_____

Code RN:_____ **Direct Care RN** _____

PLEASE SCAN COMPLETED DEBREIFING FORM to

ED Nurse Manager

CODE CART CHECKLIST

Month: _____ **Year:** _____ **Code Cart Name/#:** _____

A. Supply[1] and Medication[2] lock numbers: Security lock present and intact. Full lock # recorded. For Med lock #, write "N/A" in this field if code cart has only a single supply lock and no med lock.

B. Ambu bag:[3] Bag valve mask for population served by cart (INFANT, PEDIATRIC, ADULT). Not expired. NOTE: Check date on bag if stored on top of cart. Check cart expi. sticker if bag locked in cart.

C. Defibrillator equipment:[4] Ensure that the unit is clean (with no fluid spills) and free of visible damage; Inspect all cables, cords, and connectors for good condition (no cuts, fraying or bent pins).

D. Defibrillator supplies:[5] Verify the presence, proper condition, and quantity of all disposable supplies (such as ECG monitoring electrodes, strip chart paper, supplies to improve pad adherence); Ensure that two sets of Zoll therapy pads, and/or defibrillator pads appropriate to patient population/unit are available in sealed packages. Check the expiration date on all pad packages.

E. Defibrillator batteries/external power supply:[6] Check that a fully charged battery pack is installed in the unit and that the unit is connected to AC power outlet.

F. Defibrillator code readiness status (PERFORMED DAILY):[7] Checkmark displayed on Code Readiness Indicator (Confirm daily code readiness test passed).

G. Defibrillator manual/pacer/recorder tests (PERFORMED WEEKLY):[8] Note: This must be completed in addition to daily automatic defib code readiness test.

H. Defibrillator cleaning (PERFORMED WEEKLY):[9] Clean code cart, cables, and defibrillator weekly with approved cleaning wipes. Discard and replace all opened items.

DAILY CHECKS

Document cart and lock number(s) daily. If cart only has one (1) lock, write "N/A" in the medication lock row. Enter your *initials* in each box when check complete. If department is closed, write "CLOSED" on that day.

WEEKLY CHECKS

Day	Supply Lock Number [1] Enter full lock #	Medication Lock Number: [2] Enter full lock # or "N/A" if no med lock. Do not enter dashes, check marks, or empty quotation marks.	Earliest Supply/ Equipment Expiration Date Enter Dates only	Earliest Medication Expiration Date Enter Dates only	Backboard: Confirm presence [3]	Ambu Bag: Age appropriate bag(s) present [3]	O2 Tank: Present, functions, > 1,000 PSI [3]	Suction: Equipment present, functions, plugged in [3]	Defib: Equipment present [4]	Defib: Supplies present [5]	Defib: Batteries/ External power supply [6]	Defib: Code readiness status [7]	Defib: Manual test [8]	Defib: Pacer test [8]	Defib: Recorder check [8]	Defib: Clean [9]	If Failed, Check This Box to Confirm New Defib Received from Biomed	Print Your Name
					Enter *caregiver initials only* - Do NOT enter check marks.								Did you do a weekly check this week?					
1													If Defib passes its weekly tests, write your initials or check the boxes below. If it fails, write "F" in the boxes:					
2																		
3																		
4																		
5													Date Weekly Check Was Completed: _____					
6																		
7																		
8													Write your initials in box below to indicate "Passed". If failed, write "F".					
9																		
10																		
11																		
12													Date Weekly Check Was Completed: _____					
13																		
14																		
15													Write your initials in box below to indicate "Passed". If failed, write "F".					
16																		
17																		
18																		
19																		
20													Date Weekly Check Was Completed: _____					
21																		
22																		
23													Write your initials in box below to indicate "Passed". If failed, write "F".					
24																		
25																		
26																		
27																		
28													Date Weekly Check Was Completed: _____					
29																		
30																		
31																		

1.	**Medication lock number**: Security lock present and intact. Lock number recorded. Document "N/A" in this row if code cart has single supply lock.
2.	**Supply lock number**: Security lock present and intact. Lock number recorded.
3.	**Ambu bag**: Bag valve mask for population served by cart (INFANT, PEDIATRIC, ADULT). Not expired. NOTE: Check date on bag if stored on top of cart. Check cart expiration sticker if bag locked in cart.
4.	**Defibrillator equipment**: Ensure that the unit is clean (with no fluid spills) and free of visible damage; Inspect all cables, cords, and connectors for good condition (no cuts, fraying or bent pins).
5.	**Defibrillator supplies**: Verify the presence, proper condition and quantity of all disposable supplies (such as ECG monitoring electrodes, strip chart paper, supplies to improve pad adherence); Ensure that two sets of Zoll therapy pads, **and/or** defibrillator pads appropriate to patient population/unit, are available in sealed packages. Check the expiration date on all pad packages.
6.	**Defibrillator batteries / external power supply**: Check that a fully charged battery pack is installed in the unit and verify that the unit is connected to an AC power outlet.
7.	**Defibrillator code readiness status (DAILY)**: Checkmark displayed on *Code Readiness Indicator* (Confirmation that daily automatic *code readiness test* passed).
8.	**Defibrillator manual test (WEEKLY): Pacer test (WEEKLY); Recorder check (WEEKLY):** Complete weekly. Note: Must be completed in addition to daily automatic *defibrillator code readiness test.*
9.	**Defibrillator cleaning (WEEKLY):** Clean code cart, cables, and defibrillator weekly with approved cleaning wipes (Bleach, Super-Sani Cloth, Sani-Cloth plus, Oxivir). Discard and replace all opened items.

ZOLL DEFIBRILLATOR READINESS CHECKS

(Refer to Zoll Operator's Guide for additional details)

DAILY Defibrillator Readiness Check

- ☐ Confirm **Green Check Mark** (upper right hand corner of device) = **Clinically Ready**
  - **Red "X"** = Device did not pass automatic self-testing
  - If **Red "X"** remains on after completing daily/weekly testing, consult BioMed and replace defibrillator immediately
- ☐ Confirm Zoll OneStep CPR pads* are connected to device
  **In departments only using procedural pads, see below for additional details*
- ☐ Device is plugged-in and battery indicator shows battery is charged – Green circle
- ☐ Ensure that device is clean & free of visible damage

WEEKLY Defibrillator Readiness Check

- ☐ **Battery Check**
  - Press button on battery, check lights:
    - **Green** light – Each bar indicates 25% of charge
    - **Yellow** light – Can still use but needs to go to BioMed to get reconditioned
    - **Red** light – Battery is no longer functional (replace via BioMed immediately)

- ☐ **Defibrillator (*30-20-30 Joule*) test***
  1. Confirm Zoll OneStep CPR pads* are connected to device
  2. Turn MODE SELECTOR to "Defib"
  3. Press RECORDER button to stop printing
  4. Press ENERGY SELECT down to 30 joules
  5. Press CHARGE – *DEFIB 30J READY* appears – charge ready
  6. Disarm the shock – Press down arrow on ENERGY SELECT (confirm no longer illuminated)
  7. Press ENERGY SELECT back up to 30 joules
  8. Press CHARGE
  9. Press SHOCK button once illuminated
     - *30J Test OK* should appear including print out

WEEKLY Defibrillator Readiness Check Cont.

- ☐ **Recorder check**
  1. Remain in DEFIB mode.
  2. Check printer for adequate supply of paper
  3. Press and hold SIZE button for at least two seconds - 1 millivolt displays
  4. Press RECORDER button to start printing
  5. Inspect printout for legibility of waveform and text
  6. Check print speed by verifying box size is approximately 2.5 mm wide and 10 mm high (2.5 small boxes wide and 2 big boxes high)
  7. Press RECORDER button to stop printing once waveform is seen
- ☐ **Pacer test***
  1. Turn MODE SELECTOR to "Pacer"
  2. Turn PACER RATE to 150 ppm. Press RECORDER button to start printing
     - Review printed strip to verify the pacing stimulus markers - (⊔⌜)
     - Marker should occur every 10 small divisions (squares) or every 2 large divisions (squares)
  3. Press RECORDER button to stop printing
  4. Press and hold the 4:1 button
     - Press RECORDER button to start printing
     - Stimulus marker should occur every 40 small divisions or every 8 large divisions
     - Press RECORDER button to stop printing
  5. Disconnect Zoll OneStep CPR pads*
  6. Turn PACER OUTPUT up to 16 mA
     - Should receive messages 1) "Check pads" and 2) "Poor pad contact"
     - "Pace alarm" sounds and "Clear pace alarm" soft key flashes
  7. Reconnect Zoll OneStep CPR pads* and press CLEAR PACE ALARM soft key
     - Messages should now disappear and alarm tone stop

***NICU and designated procedural areas ONLY using procedural pads with Zoll defib**

1) Ensure therapy cable remains plugged into side port at all times, expect when in use.

2) **COMPLETE DAILY MANUAL DISCHARGE CHECKS**. The machine will not complete internal auto check unless Zoll pad is plugged in.

3) Weekly pacer test, steps 5 &7: In lieu of Zoll OneStep CPR pads, disconnect and reconnect therapy cable from side port.

Zoll Weekly QC Checklists

30 Joule Defibrallator Test

- Make sure OneStep pads are connected to the machine.
- Turn Mode Selector to DEFIB MODE
- Press energy select key down to 30 joules. Verify DEFIB PAD SHORT verbiage on the screen.
- Press charge – DEFIB 30J READY appears – charge ready.
- Once fully charged press the shock key.
- The unit displays the message 30J TEST OK, prints a strip chart indicating 30J TEST OK and the energy delivered.
- If the message 30J TEST FAILED appears, call Biomed.
- Turn the Mode Selector to the "OFF" position.

Pacing Test

- Turn Mode Selector to PACER MODE.
- Turn PACER RATE to 150ppm. Verify increased number of pacer stimuli on the monitor. Press and release the RECORDER KEY. A strip will begin to print.
- Press and hold the 4:1 key for a few seconds
- Verify that only every 4th downward pacer spike displays.
- Turn PACER OUTPUT to 0mA. There should be no CHECK PADS or POOR PAD CONTACT messages.
- Disconnect from OneStep Pads (or Test Port) and set PACER OUTPUT control to 16 mA. The Pacer Alarm will sound and indicate CLEAR PACE ALARM in bottom left corner of the screen.
- Reconnect OneStep pads and press Clear Pace Alarm key.
- The messages should now disappear and alarm tone stop.
- Turn the Mode Selector to the "OFF" position.

Recorder Test

- Turn the Mode Selector to MONITOR MODE.
- Check the printer for adequate supply of paper, then press the RECORDER key.
- Press and hold the SIZE key for at least 2 seconds. A calibration pulse of 1mV will appear on the display. Once displayed on the printed strip, press the RECORDER key to stop printing.
- Inspect recorder waveform for uniformity, darkness, annotated characters and completeness of words.
- Turn the Mode Selector to the "OFF" position.

Zoll Daily QC Check for Units with Multiple Defibrillator Pad Types

Battery Check

- Remove the battery.
- Reinstall the batter and press the circular button to check the battery charge.

Green light: each bar indicates 25% of charge

Yellow light: the device may still be used but Biomed needs to be contacted to recondition the battery.

Red light – Battery is no longer functional. Contact Biomed for a new battery.

Daily QC Verification

- Check that the Device is plugged-in and the battery indicator shows battery is charged – green circle.
- Look for Green check upper right hand corner of machine. The green check mark indicates that the machine has performed the 2 am self test.
  - ⇒ Red "X" means unit has not performed self-testing.
- If a Red "X" is present, manually perform the 30 Joule Defibrillator Test. (See reverse side for the steps to perform the 30 Joule Defibrillator Test)
- If Red "X" remains on after completing the 30 Joule Defibrillator Test, consult your BioMed dept. and replace the defibrillator with a functional one immediately.

Indicates that the 2am device self-test was successfully performed.

Indicates that the 2am device self-test was not performed. Caregiver must manually perform the 30 Joule Defibril-

Defibrillator Pad Verification

- Verify that the code cart contains the appropriate defibrillator pad tray for your patient population and any additional specialty pads required by your unit.
- If the additional specialty pads are not found on the code cart, restock them from your unit's par supply.

CODE CART LOG **Department:** **Month:** **Year:**

Initial each box when check complete. If department is CLOSED, document "CLOSED" on that date.

DAILY CHECK																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Document cart and lock number(s) daily. If cart only has one (1) lock, write N/A in the medication lock row.	**Code cart number**																															
	Medication lock number [1] *Document "N/A" in row if cart only has a single lock*																															
	Supply lock number [2]																															
Earliest supply/equipment expiration date																																
Backboard: Confirm present on code cart																																
Ambu Bag: Age appropriate bag(s) on code cart [3]																																
O2 tank: Present, functioning, > 1,000 PSI																																
Suction: Equip present, functions, plugged in																																
Defib: Equipment [4]																																
Defib: Supplies [5]																																
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WEEKLY CHECK - Must occur weekly on or before the 7th day since last check																																
Defib: Manual test [8]																																
Defib: Pacer test [8]																																
Defib: Recorder check [8]																																
Defib: Cleaning [9]																																

Initials	Print name	Initials	Print name	Initials	Print name	Initials	Print name

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- ☐ Ensure that device is clean & free of visible damage

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WEEKLY Defibrillator Readiness Check Cont.

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     - Press RECORDER button to start printing
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1) Ensure therapy cable remains plugged into side port at all times, expect when in use.

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3) Weekly pacer test, steps 5 &7: In lieu of Zoll OneStep CPR pads, disconnect and reconnect therapy cable from side port.

Broselow Stocking Ckecklist

Item Description	Lawson#	Manufacture#	Par	EXP Date
Top of Cart				
TRAY CODE CART PED DEFIB	665360	ACC010334B	1	
TAPE BROSELOW PED ER	159771	AE4800	1	
Side of Cart				
BAG RESUS SPUR ADLT PEEP	647929	520611001	1	
BAG RESUS SPUR PED MNMTR PEEP	648030	530619031	1	
BAG RESUS SPUR INF NEO MTR PEP	648090	544216031	1	
Drawer 1 - Medication				
Medication Tray	Medication trays supplied by RX		N/A	
Drawers 2-8				
DRAWR CODE CART PED PNK RED	665359	ACC010333B	1	
DRAWR CODE CART PED PUR 10-11	665358	ACC010332B	1	
DRAWR CODE CART PED YEL 12-14	665357	ACC010331A	1	
DRAWR CODE CART PED WHT 15-18	665356	ACC010330A	1	
DRAWR CODE CART PED BLU 19-23	665355	ACC010329A	1	
DRAWR CODE CART PED ORNG 24-29	665354	ACC010328A	1	
DRAWR CODE CART PED GRN 30-36	665353	ACC010327B	1	
Bottom Drawer				
TRAY CODE CART PED PNEUMO	665363	ACC010337B	1	
TRAY CODE CART PED IV ACCS	665362	ACC010336B	1	
TRAY CODE CART PED RT INTUB	665361	ACC010335B	1	
BROSELOW RX SUPPLIES	XPZB3 - Assembled by PPMC Supply Chain		1	
Broselow IV Fluid supply Kit	XPZB2 - Assembled by local Supply Chain		1	
Built By:	**Checked By:**		**Lock#:**	
Closest Outdate:				

Updated: April 2022