

IV Pump Quick Reference

Table of Contents



Amiodarone – Adult (Vtach with pulse).....	2
Calcium Chloride – Adult (reverse Ca chan blocker OD or hypo after Diltiazem or Mag adverse effects)	3
Ca+ GLUCONATE – Adult (Hydrofluoric Acid Exposure).....	4
CYANOKIT – Adult (Cyanide Poisoning).....	5
DEXTROSE (10%) – Adult (Hypoglycemia).....	6
DILTIAZEM – Adult < 50 years old (A-fib) (0.25mg/kg, 0.35mg/kg)	7
DILTIAZEM – Adult > 50 years old (A-fib) (5 mg bolus).....	8
EPI – Adult (Bradycardia).....	9
EPI – Adult (Shock - Hypotension)	10
Lactated Ringers – Adult (Bolus)	11
MAG – Adult (Asthma/HF).....	12
MAG – Adult (Eclamptic Seizures).....	12
MAG – Adult (VF/VT).....	12
NITROGLYCERIN – Adult (SCAPE).....	13
SODIUM BICARB – Adult.....	14
Tranexamic Acid (TXA) – Adult (Hemorrhagic Shock)	15
Amiodarone – Pediatric (Vtach with pulse)	16
CALCIUM CHLORIDE – Pediatric (All indications) (reverse Ca chan blocker OD or hypo after Diltiazem or Mag adverse effects)	17
Ca+ GLUCONATE – Pediatric (All indications).....	18
CYANOKIT	19
DEXTROSE (10%) – Pediatric (Hypoglycemia)	20
EPI – Pediatric (Shock - Hypotension)	21
Lactated Ringers – Pediatric Bolus	22
MAG – Pediatric (OB) Seizure	23
MAG – Pediatric (Asthma).....	24
MAG – Pediatric (VT/VF).....	25
SODIUM BICARBONATE – Pediatric ≥ 1 year old (Suspicion of Acidosis, Hyperkalemia, NA Channel Blocker) .	26
SODIUM BICARBONATE – Pediatric < 1 year old (Suspicion of Acidosis, Hyperkalemia, NA Channel Blocker) .	27

IV Pump Quick Reference

Adult

[Return to Table
of Contents](#)



Amiodarone – Adult (Vtach with pulse)

1. Prepare/Mix Medication (150mg in 100mL bag)
2. Add **Medication Label** to bag
3. Attach IV Cassette to Pump
4. Turn **On**
5. Choose Clinical Care Area: **Adult**
6. Click **Prime**
7. Click **Prime** again
8. Click **Finish Prime**
9. Click **OK**
10. Chose **New Infusion**
11. Enter 1st letter of medication (in this case, “a”)
12. Click **Find**
13. Select Medication (Amiodarone VT)
14. Ensure Correct Concentration and Click on Concentration (150mg in 10 min)
15. Enter **VTBI** (100 mL) first and then **OK**
16. Enter **Dose Rate** (# to the right of the range)
17. Click **OK**
18. Click **OK**
19. Click **Next**
20. Click **OK**
21. Click **Start**

IV Pump Quick Reference

Adult

[Return to Table
of Contents](#)



Calcium Chloride – Adult (reverse Ca chan blocker OD or hypo after Diltiazem or Mag adverse effects)

1. Prepare/Mix Medication (Add 1g/10mL of CaCl in 100mL bag)
2. Add **Medication Label** to bag
3. Attach IV Cassette to Pump
4. Turn **On**
5. Choose Clinical Care Area: **Adult**
6. Click **Prime**
7. Click **Prime** again
8. Click **Finish Prime**
9. Click **OK**
10. Choose **New Infusion**
11. Enter 1st letter of medication
12. Click **Find**
13. Select Medication
14. Ensure Correct Concentration and Click on Concentration
15. Enter **VTBI (50 mL)** first and then **OK**
16. Enter **Dose Rate** (# to the right of the range)
17. Click **OK**
18. Click **OK**
19. Click **Next**
20. Click **OK**
21. Click **Start**

***You are mixing 1000mg in 100mL. This is the high end of the dose range. In general, it's safer and more appropriate to start small and re-dose if needed. The idea would be to only give half of it over 10 minutes for the lower end (500mg of the dose range. As a best practice we will infuse (VTBI) at 50mL, so the pump stops at 500mg - 10 minutes. Repeat the 500mg dose, if necessary.

IV Pump Quick Reference

Adult

[Return to Table
of Contents](#)



Ca+ GLUCONATE – Adult (Hydrofluoric Acid Exposure)

1. Prepare/Mix Medication (Med comes 5000mg/50mL in a plastic vial, spike the vial directly, no need to reconstitute this med)
2. Add **Medication Label** to bag
3. Attach IV Cassette to Pump
4. Turn **On**
5. Choose Clinical Care Area: **Adult**
6. Open Vent on Tubing
7. Click **Prime**
8. Click **Prime** again
9. Click **Finish Prime**
10. Click **OK**
11. Click **Prime**
12. Chose **PreSet Programs**
13. Click **Ca+ GLUCONATE**
14. Click **Next**
15. Click **OK**
16. Click **Start** (Programed to deliver 3000mg over 5 min)

IV Pump Quick Reference

Adult

[Return to Table
of Contents](#)



CYANOKIT – Adult (Cyanide Poisoning)

1. Prepare/Mix Medication (5g in 200mL Vial)
*****(Add diluent to fill line on the bottle of Hydroxocobalamin & GENTLY mix)**
2. Add **Medication Label** to bag
3. Attach IV Cassette to Pump
4. Turn **On**
5. Choose Clinical Care Area: **Adult**
6. Open Vent on Tubing
7. Click **Prime**
8. Click **Prime** again
9. Click **Finish Prime**
10. Click **OK**
11. Choose **New Infusion**
12. Enter 1st letter of medication
13. Click **Find**
14. Select Medication
15. Ensure Correct Concentration and Click on Concentration
16. Enter **VTBI (200 mL)** first and then **OK**
17. Enter **Dose Rate** (# to the right of the range)
18. Click **OK**
19. Click **OK**
20. Click **Next**
21. Click **OK**
22. Click **Start**

IV Pump Quick Reference

Adult

[Return to Table
of Contents](#)



DEXTROSE (10%) – Adult (Hypoglycemia)

1. Prepare/Mix Medication (Spike a 250mL bag of D10W)
2. Add **Medication Label** to bag
3. Attach IV Cassette to Pump
4. Turn **On**
5. Choose Clinical Care Area: **Adult**
6. Click **Prime**
7. Click **Prime** again
8. Click **Finish Prime**
9. Click **OK**
10. Click **Prime**
11. Chose **PreSet Programs**
12. Click **DEXTROSE (10%)**
13. Click **Next**
14. Click **OK**
15. Click **Start**

IV Pump Quick Reference

Adult

[Return to Table
of Contents](#)



DILTIAZEM – Adult < 50 years old (A-fib) (0.25mg/kg, 0.35mg/kg)

1. Prepare/Mix Medication (Mix 100mg powder in 100mL bag)
2. Add **Medication Label** to bag
3. Attach IV Cassette to Pump
4. Turn **On**
5. Choose Clinical Care Area: **Adult**
6. Click **Prime**
7. Click **Prime** again
8. Click **Finish Prime**
9. Click **OK**
10. Choose **New Infusion**
11. Enter 1st letter of medication (“D” for Diltiazem)
12. Click **Find**
13. Select Medication
14. Ensure Correct Concentration (0.25 or 0.35) and Click on Concentration (100mg/100mL)
15. Enter **VTBI** (100 mL) first and then **OK**
16. Enter **Dose Rate** (# to the right of the range)
17. Click **OK**
18. Click **OK**
19. Click **Next**
20. Click **OK**
21. Click **Start**
22. Click **Bolus**
23. Enter Pts. Weight (in kg) and then **OK**
24. Click **Amnt (Bolus)**
25. Enter **Bolus Amnt.** (# to the right of the range) first and then **OK**
26. Click **Dose Rate (Bolus)**
27. Enter **Bolus Rate.** (# to the right of the range) first and then **OK**
28. Click **OK**
29. Click **OK**

*****If needed, re-bolus at 0.35mg/kg, begin from step #10 and choose “New Infusion” but in step#13, click on the 0.35mg/kg concentration and then follow the steps till the end.**

IV Pump Quick Reference

Adult

[Return to Table
of Contents](#)



DILTIAZEM – Adult > 50 years old (A-fib) (5 mg bolus)

If greater than 50 years old ---> with borderline blood pressure (SBP 100 - 120), known renal failure, or CHF--> consider initial bolus of 5 mg and re-bolus with 5 mg, if needed.

1. Prepare/Mix Medication (Mix 100mg powder in 100mL bag)
2. Add **Medication Label** to bag
3. Attach IV Cassette to Pump
4. Turn **On**
5. Choose Clinical Care Area: **Adult**
6. Click **Prime**
7. Click **Prime** again
8. Click **Finish Prime**
9. Click **OK**
10. Choose **New Infusion**
11. Enter 1st letter of medication (“D” for Diltiazem)
12. Click **Find**
13. Select Medication
14. Ensure Correct Concentration (5mg over 2 min) and Click on Concentration (100mg/100mL)
15. Enter **VTBI (100 mL)** first and then **OK**
16. Enter **Dose Rate** (# to the right of the range)
17. Click **OK**
18. Click **OK**
19. Click **Next**
20. Click **OK**
21. Click **Start**
22. Click **Bolus**
23. Enter **Bolus Amnt.** (# to the right of the range) first and then **OK**
24. Click **OK**

*****If needed, re-bolus 5 mg over 2 min again, begin from step #10, follow the steps till the end.**

*****Should it be necessary after the two 5 mg doses, consider 0.25 mg/kg and repeat in 15 minutes with 0.35 mg/kg, if needed.**

IV Pump Quick Reference

Adult

[Return to Table
of Contents](#)



EPI – Adult (Bradycardia)

1. Prepare/Mix Medication (1mg in 100mL bag)
2. Add **Medication Label** to bag
3. Attach IV Cassette to Pump
4. Turn **On**
5. Choose Clinical Care Area: **Adult**
6. Click **Prime**
7. Click **Prime** again
8. Click **Finish Prime**
9. Click **OK**
10. Click **Prime**
11. Chose **PreSet Programs**
12. Click **Next**
13. Click **EPI BRADY**
14. Click **Next**
15. Click **OK**
16. Click **Start**

***You are now infusing Epi at a rate of 2mcg/min

IV Pump Quick Reference

Adult

[Return to Table
of Contents](#)



EPI – Adult (Shock - Hypotension)

1. Prepare/Mix Medication (1mg in 100mL bag)
2. Add **Medication Label** to bag
3. Attach IV Cassette to Pump
4. Turn **On**
5. Choose Clinical Care Area: **Adult**
6. Click **Prime**
7. Click **Prime** again
8. Click **Finish Prime**
9. Click **OK**
10. Click **Prime**
11. Chose **PreSet Programs**
12. Click **EPI SHOCK**
13. Click **Next**
14. Click **OK**
15. Click **Start**

*****BP q every 5 minutes. If MAP is less than 65 mmHg or systolic blood pressure is less than 90 mmHg, increase to a maximum rate of 2 mL/min**

16. To Titrate Up – Click on **Rate**
17. Enter **Dose Rate** (Titrate to 2mL/min)
18. Click **OK**
19. Click **OK**

IV Pump Quick Reference

Adult

[Return to Table
of Contents](#)



Lactated Ringers – *Adult (Bolus)*

1. Prepare Medication (Spike bag of 1,000mL)
2. Add **Medication Label** to bag
3. Attach IV Cassette to Pump
4. Turn **On**
5. Choose Clinical Care Area: **Adult**
6. Open Vent on Tubing
7. Click **Prime**
8. Click **Prime** again
9. Click **Finish Prime**
10. Click **OK**
11. Click **Prime**
12. Chose **PreSet Programs**
13. Chose **LR Bolus 250mL**
14. Click **Next**
15. Click **OK**
16. Click **Start**

IV Pump Quick Reference

Adult

[Return to Table
of Contents](#)



MAG – Adult (Asthma/HF)

1. Prepare Pre-dosed Medication (4g in 100mL bag)
2. Add **Medication Label** to bag
3. Attach IV Cassette to Pump
4. Turn **On**
5. Choose **PreSet Programs**
6. Click **Next**
7. Chose **MAG ASTHMA/HF**
8. Click **Next**
9. Click **OK**
10. Click **Start**
11. May REPEAT 1 Time

MAG – Adult (Eclamptic Seizures)

1. Prepare Pre-dosed Medication (4g in 100mL bag)
2. Add **Medication Label** to bag
3. Attach IV Cassette to Pump
4. Turn **On**
5. Choose **PreSet Programs**
6. Click **Next**
7. Chose **MAG SEIZURES**
8. Click **Next**
9. Click **OK**
10. Click **Start**

MAG – Adult (VF/VT)

1. Prepare Pre-dosed Medication (4g in 100mL bag)
2. Add **Medication Label** to bag
3. Attach IV Cassette to Pump
4. Turn **On**
5. Choose **PreSet Programs**
6. Click **Next**
7. Chose **MAG VF/VT**
8. Click **Next**
9. Click **OK**
10. Click **Start**

IV Pump Quick Reference

Adult

[Return to Table
of Contents](#)



NITROGLYCERIN – Adult (SCAPE)

1. Prepare Medication (Add 10mg, **which is only 2mL from the vial**, to 100mL bag)
2. Add **Medication Label** to bag
3. Attach IV Cassette to Pump
4. Turn **On**
5. Chose Clinical Care Area: **Adult**
6. Click **Prime**
7. Click **Prime** again
8. Click **Finish Prime**
9. Click **OK**
10. Chose **PreSet Programs**
11. Chose **NITROGLYCERIN**
12. Click **Next**
13. Click **OK**
14. Click **Start**
15. You have now started a 40mcg/min infusion. Next, you will **BOLUS 400mcg**
16. Click **Bolus**
17. Click **Amnt. (Bolus)** (# to the right of the range)
18. Click **OK**
19. Click **Dose Rate (Bolus)** (# to the right of the range)
20. Click **OK**
21. Click **OK**
22. Click **OK**

*****The 400mcg bolus will be administered, returning to the 40mcg/min infusion rate when completed. There will NOT be any indication when the Bolus ends!**

*****Monitor BP!**

23. To Titrate Up – Click on **Rate**
24. Enter **Dose Rate** (Titrate up by 5 mcg)
25. Click **OK**
26. Click **OK**
27. To Titrate Down – Click on **Rate**
28. Enter **Dose Rate** (Titrate down by 5 mcg)
29. Click **OK**
30. Click **OK**

*****Monitor BP! Start at 40 mcg/min, increase rate by 5 mcg/min q 5 minutes, to a 20% reduction in SBP; maximum rate of 80 mcg/min. If SBP decreases more than 20%, reduce rate by 5 mcg/min every 5 minutes until goal SBP is attained.**

IV Pump Quick Reference

Adult

[Return to Table
of Contents](#)



SODIUM BICARB – Adult

1. Prepare/Mix Medication (Spike glass vial, no bag, 50mEq in 50mL Vial)
2. Add **Medication Label** to bag
3. Attach IV Cassette to Pump
4. Turn **On**
5. Choose Clinical Care Area: **Adult**
6. Open Vent on Tubing
7. Click **Prime**
8. Click **Prime** again
9. Click **Finish Prime**
10. Click **OK**
11. Choose **New Infusion**
12. Enter 1st letter of medication
13. Click **Find**
14. Select Medication
15. Ensure Correct Concentration (50mEq/50mL) and **Click** on Concentration.
16. Enter **VTBI (50 mL)** first and then **OK**
17. Enter **Dose Rate** (choose # to the right of the range)
18. Click **OK**
19. Click **OK**
20. Click **Next**
21. Click **OK**
22. Click **Start**

IV Pump Quick Reference

Adult

[Return to Table
of Contents](#)



Tranexamic Acid (TXA) – Adult (Hemorrhagic Shock)

1. Prepare/Mix Medication (1g in 100mL bag)
2. Add **Medication Label** to bag
3. Attach IV Cassette to Pump
4. Turn **On**
5. Choose Clinical Care Area: **Adult**
6. Click **Prime**
7. Click **Prime** again
8. Click **Finish Prime**
9. Click **OK**
10. Chose **New Infusion**
11. Enter 1st letter of medication (in this case, “T”)
12. Click **Find**
13. Select Medication (Tranexamic Acid - TXA)
14. Ensure Correct Concentration and Click on Concentration (150mg in 10 min)
15. Enter **VTBI** (100 mL) first and then **OK**
16. Enter **Dose Rate** (# to the right of the range)
17. Click **OK**
18. Click **OK**
19. Click **Next**
20. Click **OK**
21. Click **Sta**

IV Pump Quick Reference

Pediatric

[Return to Table
of Contents](#)



Amiodarone – Pediatric (*Vtach with pulse*)

1. Prepare/Mix Medication (150mg in 100mL bag)
2. Add **Medication Label** to bag
3. Attach IV Cassette to Pump
4. Turn **On**
5. Choose Clinical Care Area: **Peds**
6. Click **Prime**
7. Click **Prime** again
8. Click **Finish Prime**
9. Click **OK**
10. Choose **New Infusion**
11. Enter 1st letter of medication
12. Click **Find**
13. Select Medication
14. Ensure Correct Concentration and Click on Concentration
15. Enter **VTBI** (*100 mL*) first and then **OK**
16. Enter **Dose Rate** (# to the right of the range)
17. Click **OK**
18. Click **OK**
19. Click **Next**
20. Click **OK**
21. Click **Start**
22. Click **Bolus**
23. Enter Pts. Weight (in kg) and then **OK**
24. Click **Amnt (Bolus)**
25. Enter **Bolus Amnt.** (# to the right of the range) first and then **OK**
26. Click **Dose Rate (Bolus)**
27. Enter **Bolus Rate.** (# to the right of the range) first and then **OK**
28. Click **OK**
29. Click **OK**

IV Pump Quick Reference

Pediatric

[Return to Table
of Contents](#)



CALCIUM CHLORIDE – Pediatric (All indications) (reverse Ca chan blocker OD or hypo after Diltiazem or Mag adverse effects)

1. Prepare/Mix Medication (Add 1g/10mL of CaCl in 100mL bag)
2. Add **Medication Label** to bag
3. Attach IV Cassette to Pump
4. Turn **On**
5. Choose Clinical Care Area: **Peds**
6. Click **Prime**
7. Click **Prime** again
8. Click **Finish Prime**
9. Click **OK**
10. Choose **New Infusion**
11. Enter 1st letter of medication
12. Click **Find**
13. Select Medication
14. Ensure Correct Concentration and Click on Concentration
15. Enter **VTBI (110 mL)** first and then **OK**
16. Enter **Dose Rate** (# to the right of the range)
17. Click **OK**
18. Click **OK**
19. Click **Next**
20. Click **OK**
21. Click **Start**
22. Click **Bolus**
23. Enter Pts. Weight (in kg) and then **OK**
24. Click **Amnt (Bolus)**
25. Enter **Bolus Amnt.** (# to the right of the range) first and then **OK**
26. Click **Dose Rate (Bolus)**
27. Enter **Bolus Rate.** (# to the right of the range) first and then **OK**
28. Click **OK**
29. Click **OK**

IV Pump Quick Reference

Pediatric

[Return to Table
of Contents](#)



Ca+ GLUCONATE – Pediatric (*All indications*)

1. Prepare/Mix Medication (Med comes 5000mg/50mL in a plastic vial, spike the vial directly, no need to reconstitute this med)
2. Add **Medication Label** to bag
3. Attach IV Cassette to Pump
4. Turn **On**
5. Choose Clinical Care Area: **Peds**
6. Open Vent on Tubing
7. Click **Prime**
8. Click **Prime** again
9. Click **Finish Prime**
10. Click **OK**
11. Choose **New Infusion**
12. Enter 1st letter of medication
13. Click **Find**
14. Select Medication
15. Ensure Correct Concentration and Click on Concentration
16. Enter **VTBI (50 mL)** first and then **OK**
17. Enter **Dose Rate** (# to the right of the range)
18. Click **OK**
19. Click **OK**
20. Click **Next**
21. Click **OK**
22. Click **Start**
23. Click **Bolus**
24. Enter Pts. Weight (in kg) and then **OK**
25. Click **Amnt (Bolus)**
26. Enter **Bolus Amnt.** (# to the right of the range) first and then **OK**
27. Click **Dose Rate (Bolus)**
28. Enter **Bolus Rate.** (# to the right of the range) first and then **OK**
29. Click **OK**
30. Click **OK**

IV Pump Quick Reference

Pediatric

[Return to Table
of Contents](#)



CYANOKIT

1. Prepare/Mix Medication (5g in 200mL Vial)
*****(Add diluent to fill line on the bottle of Hydroxocobalamin & GENTLY mix)**
2. Add **Medication Label** to bag
3. Attach IV Cassette to Pump
4. Turn **On**
5. Choose Clinical Care Area: **Peds**
6. Click **Prime**
7. Click **Prime** again
8. Click **Finish Prime**
9. Click **OK**
10. Choose **New Infusion**
11. Enter 1st letter of medication
12. Click **Find**
13. Select Medication
14. Ensure Correct Concentration and Click on Concentration
15. Enter **VTBI (200 mL)** first and then **OK**
16. Enter **Dose Rate** (# to the right of the range)
17. Click **OK**
18. Click **OK**
19. Click **Next**
20. Click **OK**
21. Click **Start**
22. Click **Bolus**
23. Enter Pts. Weight (in kg) and then **OK**
24. Click **Amnt (Bolus)**
25. Enter **Bolus Amnt.** (# to the right of the range) first and then **OK**
26. Click **Dose Rate (Bolus)**
27. Enter **Bolus Rate.** (# to the right of the range) first and then **OK**
28. Click **OK**
29. Click **OK**

IV Pump Quick Reference

Pediatric

[Return to Table
of Contents](#)



DEXTROSE (10%) – Pediatric (*Hypoglycemia*)

1. Prepare/Mix Medication (25g in 250mL bag)
2. Add **Medication Label** to bag
3. Attach IV Cassette to Pump
4. Turn **On**
5. Choose Clinical Care Area: **Peds**
6. Click **Prime**
7. Click **Prime** again
8. Click **Finish Prime**
9. Click **OK**
10. Choose **New Infusion**
11. Enter 1st letter of medication
12. Click **Find**
13. Select Medication
*****(Note there is a 0-28 day dose AND a 28 day-18yrs dose)**
14. Ensure Correct Concentration and Click on Concentration
15. Enter **VTBI (250 mL)** first and then **OK**
16. Enter **Dose Rate** (# to the LEFT of the range)
17. Click **OK**
18. Click **OK**
19. Click **Next**
20. Click **OK**
21. Click **Start**
22. Click **Bolus**
23. Enter Pts. Weight (in kg) and then **OK**
24. Click **Amnt (Bolus)**
25. Enter **Bolus Amnt. (# to the LEFT of the range)** first and then **OK**
26. Click **Dose Rate (Bolus)**
27. Enter **Bolus Rate.** (# to the right of the range) first and then **OK**
28. Click **OK**
29. Click **OK**

IV Pump Quick Reference

Pediatric

[Return to Table
of Contents](#)



EPI – Pediatric (Shock - Hypotension)

1. Prepare/Mix Medication (1mg in 100mL bag)
2. Add **Medication Label** to bag
3. Attach IV Cassette to Pump
4. Turn **On**
5. Choose Clinical Care Area: **Peds**
6. Click **Prime** or **Manually Prime**
7. Click **Prime** again
8. Click **Finish Prime**
9. Click **OK**
10. Choose **New Infusion**
11. Acknowledge **Air Detection Warning**
12. Enter 1st letter of medication
13. Click **Find**
14. Select Medication
15. Ensure Correct Concentration and Click on Concentration
16. Enter Patient's Weight (**Kg**)
17. Enter **VTBI (100 mL)** first and then **OK**
18. Enter **Dose Rate (# to the LEFT of the range)**
19. Click **OK**
20. Click **OK**
21. Click **Next**
22. Click **OK**
23. Click **Start**

***BP q every 5 minutes. If goal blood pressure; patients 10 to 17 years of age, systolic blood pressure greater than 90 mmHg; patients less than 10 years of age, systolic blood pressure greater than $70 + 2x$ age in years mmHg is not achieved at 5 min, titrate infusion up by 0.1 mcg/kg/min every 5 mins!

24. To Titrate Up – Click on **Rate**
25. Enter **Dose Rate (Enter 0.1 mcg/kg/min more than current rate)**
26. Click **OK**
27. Click **OK**

IV Pump Quick Reference

Pediatric

[Return to Table
of Contents](#)



Lactated Ringers – Pediatric Bolus

1. Prepare Medication (spike a 1,000mL bag)
2. Add **Medication Label** to bag
3. Attach IV Cassette to Pump
4. Turn **On**
5. Choose Clinical Care Area: **Peds**
6. Click **Prime**
7. Click **Prime** again
8. Click **Finish Prime**
9. Click **OK**
10. Choose **New Infusion**
11. Enter 1st letter of medication (“L” for Lactated)
12. Click **Find**
13. Select Medication
14. Ensure Correct Concentration and Click on Concentration
15. Enter **VTBI (1000mL)** first and then **OK**
16. Enter **Dose Rate** (# to the right of the range)
17. Click **OK**
18. Click **OK**
19. Click **Next**
20. Click **OK**
21. Click **Start**
22. Click **Bolus**
23. Enter Pts. Weight (in kg) and then **OK**
24. Click **Amnt (Bolus)**
25. Enter **Bolus Amnt.** (# to the right of the range) first and then **OK**
26. Click **Dose Rate (Bolus)**
27. Enter **Bolus Rate.** (# to the right of the range) first and then **OK**
28. Click **OK**
29. Click **OK**

IV Pump Quick Reference

Pediatric

[Return to Table
of Contents](#)



MAG – Pediatric (OB) Seizure

1. Prepare/Mix Medication (4g in 100mL bag)
2. Add **Medication Label** to bag
3. Attach IV Cassette to Pump
4. Turn **On**
5. Choose Clinical Care Area: **Peds**
6. Click **Prime**
7. Click **Prime** again
8. Click **Finish Prime**
9. Click **OK**
10. Choose **New Infusion**
11. Enter 1st letter of medication
12. Click **Find**
13. Select Medication
14. Ensure Correct Concentration and Click on Concentration
15. Enter **VTBI (100 mL)** first and then **OK**
16. Enter **Dose Rate** (# to the right of the range)
17. Click **OK**
18. Click **OK**
19. Click **Next**
20. Click **OK**
21. Click **Start**

IV Pump Quick Reference

Pediatric

[Return to Table
of Contents](#)



MAG – Pediatric (*Asthma*)

1. Prepare/Mix Medication (4g in 100mL bag)
2. Add **Medication Label** to bag
3. Attach IV Cassette to Pump
4. Turn **On**
5. Choose Clinical Care Area: **Peds**
6. Click **Prime**
7. Click **Prime** again
8. Click **Finish Prime**
9. Click **OK**
10. Choose **New Infusion**
11. Enter 1st letter of medication
12. Click **Find**
13. Select Medication
14. Ensure Correct Concentration and Click on Concentration
15. Enter **VTBI (100 mL)** first and then **OK**
16. Enter **Dose Rate** (# to the right of the range)
17. Click **OK**
18. Click **OK**
19. Click **Next**
20. Click **OK**
21. Click **Start**
22. Click **Bolus**
23. Enter Pts. Weight (in kg) and then **OK**
24. Click **Amnt (Bolus)**
25. Enter **Bolus Amnt.** (# to the right of the range) first and then **OK**
26. Click **Dose Rate (Bolus)**
27. Enter **Bolus Rate.** (# to the right of the range) first and then **OK**
28. Click **OK**
29. Click **OK**

IV Pump Quick Reference

Pediatric

[Return to Table
of Contents](#)



MAG – Pediatric (VT/VF)

1. Prepare/Mix Medication (4g in 100mL bag)
2. Add **Medication Label** to bag
3. Attach IV Cassette to Pump
4. Turn **On**
5. Choose Clinical Care Area: **Peds**
6. Click **Prime**
7. Click **Prime** again
8. Click **Finish Prime**
9. Click **OK**
10. Choose **New Infusion**
11. Enter 1st letter of medication
12. Click **Find**
13. Select Medication
14. Ensure Correct Concentration and Click on Concentration
15. Enter **VTBI (100 mL)** first and then **OK**
16. Enter **Dose Rate** (# to the right of the range)
17. Click **OK**
18. Click **OK**
19. Click **Next**
20. Click **OK**
21. Click **Start**
22. Click **Bolus**
23. Enter Pts. Weight (in kg) and then **OK**
24. Click **Amnt (Bolus)**
25. Enter **Bolus Amnt.** (# to the right of the range) first and then **OK**
26. Click **Dose Rate (Bolus)**
27. Enter **Bolus Rate.** (# to the right of the range) first and then **OK**
28. Click **OK**
29. Click **OK**

IV Pump Quick Reference

Pediatric

[Return to Table
of Contents](#)



SODIUM BICARBONATE – **Pediatric > 1 year old** (Suspicion of Acidosis, Hyperkalemia, NA Channel Blocker)

1. Prepare/Mix Medication (50mEq in 50mL Vial)
2. Attach IV Cassette to Pump
3. Turn **On**
4. Choose Clinical Care Area: **Peds**
5. Open Vent on Tubing
6. Click **Prime**
7. Click **Prime** again
8. Click **Finish Prime**
9. Click **OK**
10. Choose **New Infusion**
11. Enter 1st letter of medication
12. Click **Find**
13. Select Medication
14. Ensure Correct Concentration and Click on Concentration
15. Enter **VTBI (50 mL)** first and then **OK**
16. Enter **Dose Rate** (# to the right of the range)
17. Click **OK**
18. Click **OK**
19. Click **Next**
20. Click **OK**
21. Click **Start**
22. Click **Bolus**
23. Enter Pts. Weight (in kg) and then **OK**
24. Click **Amnt (Bolus)**
25. Enter **Bolus Amnt.** (# to the right of the range) first and then **OK**
26. Click **Dose Rate (Bolus)**
27. Enter **Bolus Rate.** (# to the right of the range) first and then **OK**
28. Click **OK**
29. Click **OK**

IV Pump Quick Reference

Pediatric

[Return to Table
of Contents](#)



SODIUM BICARBONATE – **Pediatric < 1 year old** (Suspicion of Acidosis, Hyperkalemia, NA Channel Blocker)

1. Prepare/Mix Medication (*Must dilute to 1:1*)
*****Waste 25mL of Sodium Bicarb from vial and inject 25mL of Lactated Ringer's*****
2. Attach IV Cassette to Pump
3. Turn **On**
4. Choose Clinical Care Area: **Peds**
5. Open Vent on Tubing
6. Click **Prime**
7. Click **Prime** again
8. Click **Finish Prime**
9. Click **OK**
10. Choose **New Infusion**
11. Enter 1st letter of medication
12. Click **Find**
13. Select Medication
14. Ensure Correct Concentration and Click on Concentration
15. Enter **VTBI (50 mL)** first and then **OK**
16. Enter **Dose Rate** (# to the right of the range)
17. Click **OK**
18. Click **OK**
19. Click **Next**
20. Click **OK**
21. Click **Start**
22. Click **Bolus**
23. Enter Pts. Weight (in kg) and then **OK**
24. Click **Amnt (Bolus)**
25. Enter **Bolus Amnt.** (# to the right of the range) first and then **OK**
26. Click **Dose Rate (Bolus)**
27. Enter **Bolus Rate.** (# to the right of the range) first and then **OK**
28. Click **OK**
29. Click **OK**