

Peds/ICU Card											3.0 7/08 Keith Conover, M.D., FACEP conovers.org		
0-3 months	4-11	12-23	2-3 years	4-5	6-8	9-10	11	12+	Age	Amox/Aug: max 30mg/kg/day if < 3 mo			
6-11	12-17	18-23	24-35	36-47	48-59	60-71	72-95	>96	lbs.	nl dose: 25-40-50 mg/kg/day			
3-5	6-8	8-10	11-16	16-21	22-27	27-32	32-43	>43	kg.	hi-dose: 80-90mg/kg/day bid			
40mg	80mg	120mg	160mg	240mg	320mg	400mg	480mg	650mg	Tylenol (Q4 prn)				
1/2	1	1 1/2	2	-	-	-	-	-	Drops (80mg/0.8mL): 15mL btl (0.8 mL dropper)				
-	2.5	4	5	7.5	10	12.5	15	20	Elixir (160mg/5mL): 60/120mL bottles (mL)				
1/2	1	1 1/2	2	3	4	5	6	8	Chewable tablets (80 mg.): btl of 30				
-	1/2	1	1 1/2	2	2 1/2	3	4	6	Ped Supp 120 mg				
-	-	-	1/2	-	1	-	1 1/2	2	Adult Tabs 325 mg				
-	-	-	-	2.5	-	-	5	-	Extra-str adult liq (500mg/5mL): 240mL btl (mL)				
-	-	-	2.5	5	7.5	-	10	15	Tyl. 120 mg/Codeine 12 mg/5mL Elixir (mL)				
-	1.25	2.5	3.75	5	6.25	7.5	10	20	ibuprofen elixir (100mg/5mL):				
-	2.5	5	7.5	10	12.5	15	20	20	5 mg/kg; T<102.5 (mL; double for first day)				
									10 mg/kg; T>102.5 (mL; double for first day)				
									Zithromax				
0.25	1	2.5	-	5	-	7.5	10	-	100/5mL (15mL bottle) (mL)				
-	-	1.25	-	2.5	-	3.75	5	-	200/5mL (15/22.5/30 mL bottles) (mL)				
by wt.	2.5	-	5	7.5	-	-	10		Pediazole (Q6) 200 erythro-600 sulfa/5mL;				
									sulfa: 150 mg/kg/day 100+200mL btl (mL)				
2.5	4	5	7.5	10	-	15	20=1DS tab		Bactrim Susp. 40TMP+200SMX/5mL (mL)				
2	4	5	7	10	12.5	15	-	-	Amoxicillin (High) 400mg/5mL; 85 mg/kg/day (mL)				
-	-	2mg	2mg	4mg	4mg	4mg	-	-	Zofran (4mg/5mL, 4mg tab)				

Medication	Bolus	Starting Drip (70 kg adult)
amiodarone	150-300 mg/10'	1 mg/min x6h, 0.5mg/min x 18 hr
bicarb		3 amps in 1 L D5w or 2.25 amps in 1 L 1/4 NS @ 3-4 ml/kg/hr ~250 mL/hr
Cardizem	10-20 mg	5-15 mg/hr
dobutamine	NA	2-15 mcg/kg/min (up to 40) (500mg/250 ml)
dopamine	NA	5-20 µg/min (800mg/500mL@13-53mL/hr)
epinephrine	NA	2-10 µg/min (1mg/250@30-150mL/hr)
Esmolol	load 35-80 mg over 1'	25-350 mcg/kg/min (2500 mg/250 @ 1.75-24.5 mL/min)
Integrilin	12.6 mg (180 mcg/kg, max 22.6 mg)/q 1-2'	2 mcg/kg/min (max: 15 mg/hour)
labetalol	10-20 mg/2' Q 10	0.5-2 mg/min (60 mg/hr)
nicardipine	0.5 mg Q 15'	0-15 mg/hr (0-15 mg/hr)
Nipride	NA	0.5-2 mcg/kg/min (4.2 mg/hr)
NTG	50 mcg-2mg Q3'	10-50 mcg/min (0.1-0.25 mcg/kg/min)
Neosynephrine	100-500 mcg Q 10'	40-60 mcg/min
norepil/Levophed	NA	2-12 [0.5-30] mcg/min
octreotide	50 mcg x1	50 mcg/hr
procaïnamide	NA	2.5g/250mL@180mL/hr to total 120mL (30mg/min to total 17 mg/kg (1.2g))
Protonix	80 mg x1	8 mg/hr
propofol	35-70 mg	0.1-0.2 mg/kg/min (10 mg/mL@0.7-1.4mL/min=42-84 mL/hr)

1000 mcg=1 mg
1 microgram=0.001 milligram

Pitt ICU **Potassium** replacement protocol (goal K⁺ > 3.5 mEq/l)

K ⁺ < 2.5	KCl 20 mEq PO + 20 mEq IV	Check K ⁺ in 6 hrs
K ⁺ 2.5-3.0	KCl 20 mEq PO + 10 mEq IV	Check K ⁺ in 6 hrs
K ⁺ > 3.1	KCl 20 mEq PO	Check K ⁺ in 6 hrs

If no PO:

K ⁺ < 2.5	KCl 40 mEq IV	Check K ⁺ 1 hr after last KCl
K ⁺ 2.5-3.0	KCl 30 mEq IV	Check K ⁺ 1 hr after last KCl
K ⁺ 3.1-3.5	KCl 20 mEq IV	Check K ⁺ 1 hr after last KCl

Pitt ICU **Phosphorus** replacement protocol

- replace with K⁺ phosphate (K phos) unless K⁺ > 4.0 mEq/L
- subtract K phos from K order (15 mmol K phos = 22 mEq K⁺)
- Replace phosphate with Na⁺ phosphate if K⁺ > 4.0 mEq/L

Phosphate (mg/dl)	Dose (IV) mmol	Rate	Recheck Level
1.0-2.0	15	Over 4 hrs	in AM
< 1.0	30	Over 6 hrs	4 hours