

## Anticonvulsants:

Fosphenytoin	20 mg PE/kg (loading) 5 – 8 mg/kg/day (maintenance)	one time divided q 8 hours	IV IV
Levetiracetam (Keppra®)	60 mg/kg (loading) 10 mg/kg/dose (maintenance)	one time q8h	IV IV/PO
Lorazepam (Ativan®)	0.05 – 0.1 mg/kg	may repeat q 5 min x 3 doses	IV
Midazolam Buccal	0.25 – 0.5 mg/kg/dose	may repeat q 5 min if needed	Buccal
Midazolam Bolus/Infusion	0.1 mg/kg IV x 1 dose, then infusion 0.1 mg/kg/hour		IV
Phenobarbital	20 mg/kg (loading) 3 – 5 mg/kg/day (maintenance)		IV IV/PO
Phenytoin	5 – 8 mg/kg/day (maintenance)	divided q8 hours	PO

## Cardiovascular:

Alprostadil (PGE-1)	0.01 – 0.05 mcg/kg/min	IV Infusion	IV
Calcium Chloride 10%	20 mg/kg/dose	Code ONLY	IV
Calcium Gluconate	Start at 50 (max 200) mg/kg/dose	q 6 hours	IV
Captopril	Start 0.1 mg/kg/dose x 1 as test dose then q8h as tolerated		PO
Dopamine/Dobutamine	2.5 – 30 mcg/kg/min	IV Infusion	IV
Epinephrine	0.01 – 0.5 mcg/kg/min	IV Infusion	IV
Hydralazine	0.1 – 0.2 mg/kg/dose	q 6 – 8 hours*	IV
Indomethacin	see Indomethacin order set		
Milrinone	0.25 – 1 mcg/kg/min	IV Infusion	IV
Vasopressin	0.0001 – 0.003 units/kg/min	IV Infusion	IV

## Diuretics:

Chlorothiazide (Diuril®)	1 – 4 mg/kg/dose 10 – 20 mg/kg/dose	q 12 hours q 12 hours	IV PO
Furosemide (Lasix®)	0.5 – 1 mg/kg/dose 1 – 2 mg/kg/dose	varies varies	IV PO
Spirolactone (Aldactone®)	1 mg/kg/dose	q 12 hours	PO

## Gastrointestinal:

Famotidine (Pepcid®)	0.5 mg/kg/dose	q 12 – 24 hours*	IV/PO
Lansoprazole (Prevacid®)	1 mg/kg/dose	q 12 – 24 hours*	PO
Metoclopramide (Reglan®)	0.1 – 0.2 mg/kg/dose	q 6 hours	IV/PO
Ursodiol (Actigall®)	10 mg/kg/dose	q 8 hours	PO

## Miscellaneous:

Arginine Chloride	mg = $((0.2 \times \text{kg} \times (103 - \text{Cl})) \times 140)$	q6h div 1 – 3 doses	IV/PO
Ferrous sulfate	<i>See ICN Iron Supplementation and Monitoring Guidelines for specific dosing</i>		
Iron Dextran	0.1 – 0.2 mg/kg/day	once daily	IV
Iron Sucrose	3 mg/kg/dose	once weekly on Mon or Thur	IV
Sodium Bicarbonate	Dose (mEq) = 1 – 2 mEq/kg	once	IV

## Paralytics:

Rocuronium	1 mg/kg/dose	q 1 – 2 hours prn movement*	IV
Vecuronium	0.1 mg/kg/dose	q 1 – 2 hours prn movement*	IV

## Respiratory:

Caffeine citrate	20 mg/kg/dose (loading dose) 5 – 10 mg/kg/dose (maintenance)		PO PO
Poractant Alfa (Curosurf®)	2.5 mL/kg/dose, repeat dose 1.25 mL/kg/dose x 2	q 12 hours	ETT
Racemic Epinephrine 2.25%	0.25 mL diluted in 3 mL NS	q 1 hour, max 4 doses	IH

## Sedation/Analgesia:

IV Acetaminophen:	10 mg/kg (PMA wks <33=q12h; 33-36=q8h; ≥37=q6h)		IV
Dexmedetomidine	0.05 – 0.6 mcg/kg/hour	IV Infusion	IV
Fentanyl	1 – 2 mcg/kg/dose 1 mcg/kg/hour	q 1 hour prn IV Infusion	IV IV
Lorazepam (Ativan®)	0.05 – 0.1 mg/kg/dose	q 6 – 8 hours prn*	IV/PO
Midazolam (Versed®)	0.05 – 0.1 mg/kg/dose 0.25 mg/kg/dose	q 2 – 4 hours prn* x 1 dose for procedure	IV PO
Morphine (Duramorph®)	0.05 – 0.1 mg/kg/dose 0.01 – 0.03 mg/kg/hr	q 2 – 6 hours prn* IV infusion	IV IV
Naloxone	Oversedation = 1 – 5 mcg/kg/dose, Code Dose = 0.1 mg/kg/dose		IV
Pentobarbital	1 – 2 mg/kg/dose, may repeat	for procedure	IV

**References:**  
Taketomo et al.: Pediatric Dosage Handbook, ed. 25, 2018-2019, Young and Mangum: Neofax, Accessed 2022.  
University of California San Francisco Intensive Care Nursery Housestaff Manual, ed. 8, 2003.  
Please contact Steve Grapentine Pharm.D. and Lulu Jin, Pharm.D. for questions related to dosing card content

\* Order must be entered with a single dosing time interval

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