

SEDATION DRIPS LESS THAN OR EQUAL TO 1500 G- NICU  
 Fentanyl Drip 4 micrograms/mL  
 (rates in chart = mL/hr)

		Weight (kg)											
		0.4	0.5	0.6	0.7	0.8	0.9	1	1.1	1.2	1.3	1.4	1.5
mcg/kg/hr	0.5					0.1	0.11	0.13	0.14	0.15	0.16	0.18	0.19
	1	0.1	0.13	0.15	0.18	0.2	0.23	0.25	0.28	0.3	0.33	0.35	0.38
	1.5	0.15	0.19	0.23	0.26	0.3	0.34	0.38	0.41	0.45	0.49	0.53	0.56
	2	0.2	0.25	0.3	0.35	0.4	0.45	0.5	0.55	0.6	0.65	0.7	0.75
	2.5	0.25	0.31	0.38	0.44	0.5	0.56	0.63	0.69	0.75	0.81	0.88	0.94
	3	0.3	0.38	0.45	0.53	0.6	0.68	0.75	0.83	0.9	0.98	1.05	1.13

Equation:  $\text{mcg/kg/hr} \times \text{kg} / 4 = \text{mL/hr}$

Fentanyl Drip 2 micrograms/mL (only use if < 800 grams)  
 (rates in chart = mL/hr)

		Weight (kg)											
		0.4	0.5	0.6	0.7	0.8	0.9	1	1.1	1.2	1.3	1.4	1.5
mcg/kg/hr	0.5	0.1	0.13	0.15	0.18								

Equation:  $\text{mcg/kg/hr} \times \text{kg} / 2 = \text{mL/hr}$

Midazolam 0.2 mg/mL  
 (rates in chart = mL/hr)

		Weight (kg)											
		0.4	0.5	0.6	0.7	0.8	0.9	1	1.1	1.2	1.3	1.4	1.5
mg/kg/hr	0.05	0.1	0.13	0.15	0.18	0.2	0.23	0.25	0.28	0.3	0.33	0.35	0.38
	0.1	0.2	0.25	0.3	0.35	0.4	0.45	0.5	0.55	0.6	0.65	0.7	0.75
	0.15	0.3	0.38	0.45	0.53	0.6	0.68	0.75	0.83	0.9	0.98	1.05	1.13
	0.2	0.4	0.5	0.6	0.7	0.8	0.9	1	1.1	1.2	1.3	1.4	1.5

Equation:  $\text{mg/kg/hr} \times \text{kg} / 0.2 = \text{mL/hr}$

Vecuronium 0.4 mg/mL  
 (rates in chart = mL/hr)

		Weight (kg)											
		0.4	0.5	0.6	0.7	0.8	0.9	1	1.1	1.2	1.3	1.4	1.5
mg/kg/hr	0.1	0.1	0.13	0.15	0.18	0.2	0.23	0.25	0.28	0.3	0.33	0.35	0.38
	0.15	0.15	0.19	0.23	0.26	0.3	0.34	0.38	0.41	0.45	0.49	0.53	0.56

Equation:  $\text{mg/kg/hr} \times \text{kg} / 0.4 = \text{mL/hr}$