

(place patient label here)

Patient Name: _____



PROVIDER ORDERS

Order Set Directions:

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Diagnosis: _____

Allergies with reaction type: _____

NICU Pressor Drips

Version 1 Approved 05/02/2013

Patient Weight: _____

Medications

Pressor drips for infants greater than 1500 grams

DOPamine 80 milligram in 50 milliliters Dextrose 5% water (1.6 milligram/milliliter)

- _____ microgram/kilogram per minute (_____ milliliter/hour) continuous intravenous infusion (Dose range 3-20 microgram/kilogram per minute) Titrate to keep systolic blood pressure greater than _____ mmHg or mean blood pressure greater than _____ mmHg

DOBUTamine 100 milligram in 50 milliliter Dextrose 5% water (2 milligram/milliliter)

- _____ microgram/kilogram per minute (_____ milliliter/hour) continuous intravenous infusion (dose range 3-20 microgram/kilogram per minute) Titrate to keep systolic blood pressure greater than _____ mmHg or mean blood pressure greater than _____ mmHg

EPINEPHrine 2 milligram in 40 milliliters Dextrose 5% water (50 microgram/milliliter)

- _____ microgram/kilogram per minute (_____ milliliter/hour) continuous intravenous infusion (dose range 0.1-1 microgram/kilogram per minute) Titrate to keep systolic blood pressure greater than _____ mmHg or mean blood pressure greater than _____ mmHg

Pressor drips for infants less than or equal to 1500 grams

DOPamine 16 milligram in 20 milliliters Dextrose 5% water (0.8 milligram/milliliter)

- _____ microgram/kilogram per minute (_____ milliliter/hour) continuous intravenous infusion (Dose range 3-20 microgram/kilogram per minute) Titrate to keep systolic blood pressure greater than _____ mmHg or mean blood pressure greater than _____ mmHg

DOBUTamine 20 milligram in 20 milliliter Dextrose 5% water (1 milligram/milliliter)

- _____ microgram/kilogram per minute (_____ milliliter/hour) continuous intravenous infusion (dose range 3-20 microgram/kilogram per minute) Titrate to keep systolic blood pressure greater than _____ mmHg or mean blood pressure greater than _____ mmHg

EPINEPHrine 1 milligram in 40 milliliters Dextrose 5% water (25 microgram/milliliter)

- _____ microgram/kilogram per minute (_____ milliliter/hour) continuous intravenous infusion (dose range 0.1-1 microgram/kilogram per minute) Titrate to keep systolic blood pressure greater than _____ mmHg or mean blood pressure greater than _____ mmHg

Provider Signature: _____ Date: _____ Time: _____

PRESSOR DRIPS GREATER THAN 1500 G- NICU

DOPamine Drip 1.6 mg/mL
(rates in chart = mL/hr)

		Weight (kg)												
		1.6	1.7	1.8	1.9	2	2.1	2.2	2.3	2.4	2.5	3	3.5	4
m c g / k g / m i n	3	0.18	0.19	0.2	0.21	0.23	0.24	0.25	0.26	0.27	0.28	0.34	0.39	0.45
	4	0.24	0.26	0.27	0.29	0.3	0.32	0.33	0.35	0.36	0.38	0.45	0.53	0.6
	5	0.3	0.32	0.34	0.36	0.38	0.39	0.41	0.43	0.45	0.47	0.56	0.66	0.75
	6	0.36	0.38	0.41	0.43	0.45	0.47	0.5	0.52	0.54	0.56	0.68	0.79	0.9
	7	0.42	0.45	0.47	0.5	0.53	0.55	0.58	0.6	0.63	0.66	0.79	0.92	1.05
	8	0.48	0.51	0.54	0.57	0.6	0.63	0.66	0.69	0.72	0.75	0.9	1.05	1.2
	9	0.54	0.57	0.61	0.64	0.68	0.71	0.74	0.78	0.81	0.84	1.01	1.18	1.35
	10	0.6	0.64	0.68	0.71	0.75	0.79	0.83	0.86	0.9	0.94	1.13	1.31	1.5
	11	0.66	0.7	0.74	0.78	0.83	0.87	0.91	0.95	0.99	1.03	1.24	1.44	1.65
	12	0.72	0.77	0.81	0.86	0.9	0.95	0.99	1.04	1.08	1.13	1.35	1.58	1.8
	13	0.78	0.83	0.88	0.93	0.98	1.02	1.07	1.12	1.17	1.22	1.46	1.71	1.95
	14	0.84	0.89	0.95	1	1.05	1.1	1.16	1.21	1.26	1.31	1.58	1.84	2.1
	15	0.9	0.96	1.01	1.07	1.13	1.18	1.24	1.29	1.35	1.41	1.69	1.97	2.25
	16	0.96	1.02	1.08	1.14	1.2	1.26	1.32	1.38	1.44	1.5	1.8	2.1	2.4
	17	1.02	1.08	1.15	1.21	1.28	1.34	1.4	1.47	1.53	1.59	1.91	2.23	2.55
	18	1.08	1.15	1.22	1.28	1.35	1.42	1.49	1.55	1.62	1.69	2.03	2.36	2.7
	19	1.14	1.21	1.28	1.35	1.43	1.5	1.57	1.64	1.71	1.78	2.14	2.49	2.85
	20	1.2	1.28	1.35	1.43	1.5	1.58	1.65	1.73	1.8	1.88	2.25	2.63	3

DOBUtamine

Drips 2 mg/mL
(rates in chart = mL/hr)

		Weight (kg)												
		1.6	1.7	1.8	1.9	2	2.1	2.2	2.3	2.4	2.5	3	3.5	4
m c g / k g / m i n	3	0.14	0.15	0.16	0.17	0.18	0.19	0.2	0.21	0.22	0.23	0.27	0.32	0.36
	4	0.19	0.2	0.22	0.23	0.24	0.25	0.26	0.28	0.29	0.3	0.36	0.42	0.48
	5	0.24	0.26	0.27	0.29	0.3	0.32	0.33	0.35	0.36	0.38	0.45	0.53	0.6
	6	0.29	0.31	0.32	0.34	0.36	0.38	0.4	0.41	0.43	0.45	0.54	0.63	0.72
	7	0.34	0.36	0.38	0.4	0.42	0.44	0.46	0.48	0.5	0.53	0.63	0.74	0.84
	8	0.38	0.41	0.43	0.46	0.48	0.5	0.53	0.55	0.58	0.6	0.72	0.84	0.96
	9	0.43	0.46	0.49	0.51	0.54	0.57	0.59	0.62	0.65	0.68	0.81	0.95	1.08
	10	0.48	0.51	0.54	0.57	0.6	0.63	0.66	0.69	0.72	0.75	0.9	1.05	1.2
	11	0.53	0.56	0.59	0.63	0.66	0.69	0.73	0.76	0.79	0.83	0.99	1.16	1.32
	12	0.58	0.61	0.65	0.68	0.72	0.76	0.79	0.83	0.86	0.9	1.08	1.26	1.44
	13	0.62	0.66	0.7	0.74	0.78	0.82	0.86	0.9	0.94	0.98	1.17	1.37	1.56
	14	0.67	0.71	0.76	0.8	0.84	0.88	0.92	0.97	1.01	1.05	1.26	1.47	1.68
	15	0.72	0.77	0.81	0.86	0.9	0.95	0.99	1.04	1.08	1.13	1.35	1.58	1.8
	16	0.77	0.82	0.86	0.91	0.96	1.01	1.06	1.1	1.15	1.2	1.44	1.68	1.92
	17	0.82	0.87	0.92	0.97	1.02	1.07	1.12	1.17	1.22	1.28	1.53	1.79	2.04
	18	0.86	0.92	0.97	1.03	1.08	1.13	1.19	1.24	1.3	1.35	1.62	1.89	2.16
	19	0.91	0.97	1.03	1.08	1.14	1.2	1.25	1.31	1.37	1.43	1.71	2	2.28
	20	0.96	1.02	1.08	1.14	1.2	1.26	1.32	1.38	1.44	1.5	1.8	2.1	2.4

Equation: mcg/kg/min x kg x 60 / 1000 / 2 = mL/hr

Epinephrine 50 micrograms/mL
(rates in chart = mL/hr)

		Weight (kg)												
		1.6	1.7	1.8	1.9	2	2.1	2.2	2.3	2.4	2.5	3	3.5	4
m c g / k g / m i n	0.1	0.19	0.2	0.22	0.23	0.24	0.25	0.26	0.28	0.29	0.3	0.36	0.42	0.48
	0.2	0.38	0.41	0.43	0.46	0.48	0.5	0.53	0.55	0.58	0.6	0.72	0.84	0.96
	0.3	0.58	0.61	0.65	0.68	0.72	0.76	0.79	0.83	0.86	0.9	1.08	1.26	1.44
	0.4	0.77	0.82	0.86	0.91	0.96	1.01	1.06	1.1	1.15	1.2	1.44	1.68	1.92
	0.5	0.96	1.02	1.08	1.14	1.2	1.26	1.32	1.38	1.44	1.5	1.8	2.1	2.4
	0.6	1.15	1.22	1.30	1.37	1.44	1.51	1.58	1.66	1.73	1.8	2.16	2.52	2.88
	0.7	1.34	1.43	1.51	1.6	1.68	1.76	1.85	1.93	2.02	2.1	2.52	2.94	3.36
	0.8	1.54	1.63	1.73	1.82	1.92	2.02	2.11	2.21	2.3	2.4	2.88	3.36	3.84
	0.9	1.73	1.84	1.94	2.05	2.16	2.27	2.38	2.48	2.59	2.7	3.24	3.78	4.32
	1	1.92	2.04	2.16	2.28	2.4	2.52	2.64	2.76	2.88	3	3.6	4.2	4.8

Equation: mcg/kg/min x kg x 60 / 100 = mL/hr

PRESSOR DRIPS LESS THAN OR EQUAL TO 1500 G- NICU

DOPamine Drip 0.8 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
m c g / k g / m i n	3	0.09	0.11	0.14	0.16	0.18	0.2	0.23	0.25	0.27	0.29	0.32	0.34
	4	0.12	0.15	0.18	0.21	0.24	0.27	0.3	0.33	0.36	0.39	0.42	0.45
	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
	6	0.18	0.23	0.27	0.32	0.36	0.41	0.45	0.5	0.54	0.59	0.63	0.68
	7	0.21	0.26	0.32	0.37	0.42	0.47	0.53	0.58	0.63	0.68	0.74	0.79
	8	0.24	0.3	0.36	0.42	0.48	0.54	0.6	0.66	0.72	0.78	0.84	0.9
	9	0.27	0.34	0.41	0.47	0.54	0.61	0.68	0.74	0.81	0.88	0.95	1.01
	10	0.3	0.38	0.45	0.53	0.6	0.68	0.75	0.83	0.9	0.98	1.05	1.13
	11	0.33	0.41	0.5	0.58	0.66	0.74	0.83	0.91	0.99	1.07	1.16	1.24
	12	0.36	0.45	0.54	0.63	0.72	0.81	0.9	0.99	1.08	1.17	1.26	1.35
	13	0.39	0.49	0.59	0.68	0.78	0.88	0.98	1.07	1.17	1.27	1.37	1.46
	14	0.42	0.53	0.63	0.74	0.84	0.95	1.05	1.16	1.26	1.37	1.47	1.58
	15	0.45	0.56	0.68	0.79	0.9	1.01	1.13	1.24	1.35	1.46	1.58	1.69
	16	0.48	0.6	0.72	0.84	0.96	1.08	1.2	1.32	1.44	1.56	1.68	1.8
	17	0.51	0.64	0.77	0.89	1.02	1.15	1.28	1.4	1.53	1.66	1.79	1.91
	18	0.54	0.68	0.81	0.95	1.08	1.22	1.35	1.49	1.62	1.76	1.89	2.03
	19	0.57	0.71	0.86	1	1.14	1.28	1.43	1.57	1.71	1.85	2	2.14
	20	0.6	0.75	0.9	1.05	1.2	1.35	1.5	1.65	1.8	1.95	2.1	2.25

Equation: mcg/kg/min x kg x 60 / 1000 / 0.8 = mL/hr

DOBUtamine Drip 1 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
m c g / k g / m i n	3	0.07	0.09	0.11	0.13	0.14	0.16	0.18	0.2	0.22	0.23	0.25	0.27
	4	0.1	0.12	0.14	0.17	0.19	0.22	0.24	0.26	0.29	0.31	0.34	0.36
	5	0.12	0.15	0.18	0.21	0.24	0.27	0.3	0.33	0.36	0.39	0.42	0.45
	6	0.14	0.18	0.22	0.25	0.29	0.32	0.36	0.4	0.43	0.47	0.5	0.54
	7	0.17	0.21	0.25	0.29	0.34	0.38	0.42	0.46	0.5	0.55	0.59	0.63
	8	0.19	0.24	0.29	0.34	0.38	0.43	0.48	0.53	0.58	0.62	0.67	0.72
	9	0.22	0.27	0.32	0.38	0.43	0.49	0.54	0.59	0.65	0.7	0.76	0.81
	10	0.24	0.3	0.36	0.42	0.48	0.54	0.6	0.66	0.72	0.78	0.84	0.9
	11	0.26	0.33	0.4	0.46	0.53	0.59	0.66	0.73	0.79	0.86	0.92	0.99
	12	0.29	0.36	0.43	0.5	0.58	0.65	0.72	0.79	0.86	0.94	1.01	1.08
	13	0.31	0.39	0.47	0.55	0.62	0.7	0.78	0.86	0.94	1.01	1.09	1.17
	14	0.34	0.42	0.5	0.59	0.67	0.76	0.84	0.92	1.01	1.09	1.18	1.26
	15	0.36	0.45	0.54	0.63	0.72	0.81	0.9	0.99	1.08	1.17	1.26	1.35
	16	0.38	0.48	0.58	0.67	0.77	0.86	0.96	1.06	1.15	1.25	1.34	1.44
	17	0.41	0.51	0.61	0.71	0.82	0.92	1.02	1.12	1.22	1.33	1.43	1.53
	18	0.43	0.54	0.65	0.76	0.86	0.97	1.08	1.19	1.3	1.4	1.51	1.62
	19	0.46	0.57	0.68	0.8	0.91	1.03	1.14	1.25	1.37	1.48	1.6	1.71
	20	0.48	0.6	0.72	0.84	0.96	1.08	1.2	1.32	1.44	1.56	1.68	1.8

Equation: mcg/kg/min x kg x 60 / 1000 / 1 = mL/hr

Epinephrine 25 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
m c g / k g / m i n	0.1	0.09	0.12	0.14	0.17	0.19	0.22	0.24	0.26	0.29	0.31	0.34	0.36
	0.2	0.19	0.24	0.29	0.34	0.38	0.43	0.48	0.53	0.58	0.62	0.67	0.72
	0.3	0.29	0.36	0.43	0.5	0.58	0.65	0.72	0.79	0.86	0.94	1.01	1.08
	0.4	0.38	0.48	0.58	0.67	0.77	0.86	0.96	1.06	1.15	1.25	1.34	1.44
	0.5	0.48	0.6	0.72	0.84	0.96	1.08	1.2	1.32	1.44	1.56	1.68	1.8
	0.6	0.58	0.72	0.86	1.01	1.15	1.3	1.44	1.58	1.73	1.87	2.02	2.16
	0.7	0.67	0.84	1.01	1.18	1.34	1.51	1.68	1.85	2.02	2.18	2.35	2.52
	0.8	0.77	0.96	1.15	1.34	1.54	1.73	1.92	2.11	2.3	2.5	2.69	2.88
	0.9	0.86	1.08	1.3	1.51	1.73	1.94	2.16	2.38	2.59	2.81	3.02	3.24
	1	0.96	1.2	1.44	1.68	1.92	2.16	2.4	2.64	2.88	3.12	3.36	3.6

Equation: mcg/kg/min x kg x 60 / 25 = mL/hr