

MEMORANDUM

TO: Toronto Paramedic Services

FROM: Dr. M. Feldman, Interim Medical Director, Toronto Paramedic Services

DATE: November 5, 2021

RE: **Concentration Change – Dopamine 400mg/250ml (1600mcg/ml) – Double Strength**

Sunnybrook Regional Base Hospital has been notified that that Dopamine 200mg/250ml (800mcg/ml) – single strength is currently out of stock and unable to be supplied to Toronto Paramedic Services. As such, we will be purchasing double strength Dopamine 400/mg (1600mcg/ml) to be utilized in the interim.

Paramedics should continue to utilize the Medication Administration Cross Check (MACC) to ensure the concentration of dopamine prior to administrations. The dosing chart below should be utilized for Dopamine 400mg/250ml (1600mcg/ml) double strength. Additionally, the chart will be added to the Ontario Paramedic Clinical Guide App.

Double Strength Dopamine Dosing Chart					
Dopamine Infusion Rate (ml/hr) Using a 1600 mcg/ml ('double strength') solution					
Weight (kg)	Dosage (mcg/kg/min)				
	5	5	10	15	20
40	3.0	7.5	15.0	22.5	30.0
50	3.75	9.5	19.0	28.0	37.5
60	4.5	11.5	22.5	34.0	45.0
70	5.25	13.0	26.5	39.5	52.5
80	6.0	15.0	30.0	45.0	60.0
90	6.75	17.0	34.0	50.5	67.5
100	7.5	19.0	37.5	56.5	75.0
110	8.25	20.5	41.5	62.0	82.5

If you have any questions, please contact Scott Gorsline at scott.gorsline@sunnybrook.ca

Sincerely,



Michael Feldman MD, PhD, FRCPC
Interim Medical Director, Toronto Paramedic Services
Sunnybrook Centre for Prehospital Medicine