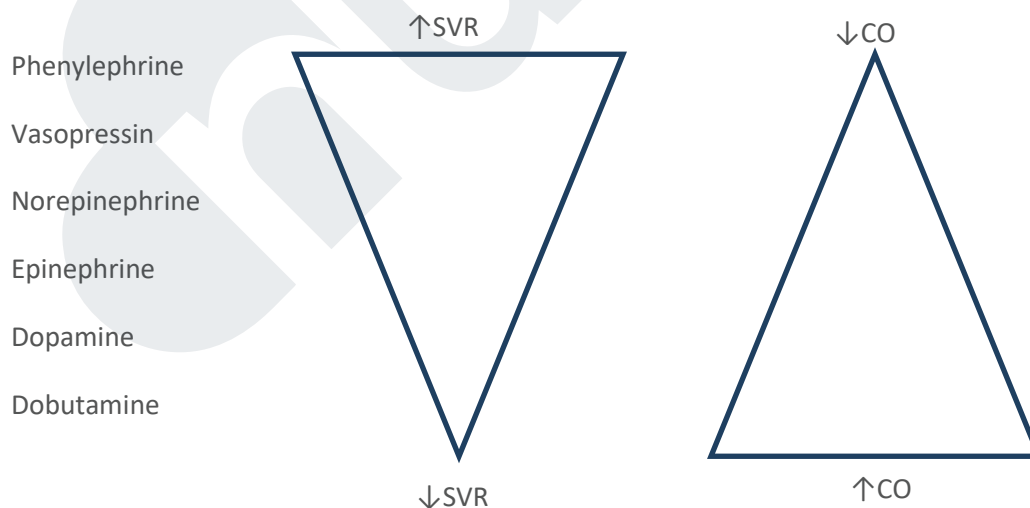


DOPAMINE VS DOBUTAMINE

	DOPAMINE	DOBUTAMINE
Action	Vasopressor	Inotrope Only
Effects	<ul style="list-style-type: none"> • Alpha 1 effects leading to • Beta 1 effects leading to an increase in HR at lower doses. • Increased perfusion to the kidneys at <5 mcg/kg/min. 	<ul style="list-style-type: none"> • Primarily exhibits Beta 1 effects to aid in increasing CO
Usage	<ul style="list-style-type: none"> • Effective to ↑ BP in distributive shocks (septic, anaphylactic) as it will contribute to ↑ SVR through vasoconstriction 	<ul style="list-style-type: none"> • Generally given to ↑ CO. Used in HF and Cardiogenic shock. • Drug of choice for ↑ CO as it does not cause ↑ HR at lower doses leading to less myocardial oxygen demand

Drug	CO	MAP	PAOP	SVR	HR
**Dobutamine	↑	↑	↓	↓	same or ↑
Dopamine	↑	↑	↑	↑	↑



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