PUSH DOSE PRESSORS
from the EMCrit Podcast (blog.emcrit.org) and EM:RAP

**EPINEPHRINE**
Has alpha and beta1/2 effects so it is an inopressor
Do not give cardiac arrest doses (1 mg) to patients with a pulse

**Mixing Instructions:**
1. Take a 10 ml syringe with 9 ml of normal saline
2. Into this syringe, draw up 1 ml of epinephrine from the cardiac amp (Cardiac amp contains Epinephrine 100 mcg/ml)
3. Now you have 10 mls of Epinephrine 10 mcg/ml

- **Onset:** 1 minute
- **Duration:** 5-10 minutes
- **Dose:** 0.5-2 ml every 2-5 minutes (5-20 mcg)

**PHENYLEPHRINE**
It is pure alpha, so no intrinsic inotropy, and no increase in heart rate, but increases in coronary perfusion can improve cardiac output.

**Mixing Instructions:**
1. Take a 3 ml syringe and draw up 1 ml of phenylephrine from the vial (vial contains phenylephrine 10 mg/ml)
2. Inject this into a 100 ml bag of NS
3. Now you have 100 mls of phenylephrine 100 mcg/ml
4. Draw up some into a syringe; each ml in the syringe is 100 mcg/ml

- **Onset:** 1 minute
- **Duration:** 10-20 minutes
- **Dose:** 0.5-2 ml every 2-5 minutes (50-200 mcg)

This sheet is for informational purposes only. Consult your pharmacy and confirm all doses before using clinically.