

**CLASS: A**

**PROTOCOL(S) USED IN: Cardiac Arrest Protocols**

**PHARMACOLOGY AND ACTIONS:**

- A. Vasopressor that stimulates smooth muscle V1 receptors.
- B. Peripheral vasoconstrictor, but provides some cerebral and cardiac dilation.
- C. Naturally occurring antidiuretic hormone.
- D. Half-life is 10-20 minutes

**INDICATIONS:**

May consider in VF and pulseless VT

**CONTRAINDICATIONS:**

**None in cardiac arrest**

**SIDE EFFECTS AND NOTES:**

- A. May increase peripheral vascular resistance and provoke cardiac ischemia and angina.

**ADULT DOSING:**

**40 units IV/IO** one time, may be given via ET at same dose.

If no response in 10-20 minutes, it is acceptable to return to epinephrine 1 mg every 3-5 minutes.

**PEDIATRIC DOSING:**

**Not indicated in pediatrics.**