

Southern Illinois Regional EMS System

JJ-28 VASOPRESSIN

Class:

- Naturally occurring antidiuretic hormone.
- Nonadrenergic vasoconstrictor.

Description:

- Vasopressin acts by direct stimulation of smooth muscle V1 receptors. When given in extremely high doses, it acts as a nonadrenergic peripheral vasoconstrictor.

Onset and Duration:

- Onset: Immediate.
- Duration: Variable.

Indications:

- Adult shock refractory VF or pulseless VT, asystole, or PEA
- Vasodilatory shock.

Contraindications:

- Responsive patients with coronary artery disease.

Adverse Reactions:

- No adverse reactions with administration on pulseless arrest.

Drug Interactions:

- No significant drug reactions have been reported.

How Supplied:

- 20 unit vial

Dosage and Administration:

- Adult:
 - Ventricular fibrillation/cardiac arrest:
 - 40units IV push one time.
 - May replace first or second dose of epinephrine.
- Child or infant: Not Recommended

Special Considerations:

- Pregnancy Category C.