



## Case Report

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### AutoPulse™ Resuscitation System

Patient	45 year old female, 75 kg
Hx	Hypertension
Presenting Rhythm	VF
Witnessed Cardiac Arrest	Yes
Estimated Downtime to AutoPulse Use	12 minutes minimum

#### EVENT RECORD

- Witnessed arrest at grocery store. On arrival, bystander observed doing mouth-to-mouth only.
- Patient was initially in VF. After 3 shocks the patient converted to asystole. Began manual CPR, an IV was started, and the patient was intubated.
- After two rounds of epinephrine and atropine, the patient converted back to VF. The patient was shocked again and given another dose of epinephrine.
- The AutoPulse arrived and was deployed.
- The patient then went back into VF, was shocked again and had ROSC.
- Pulse was 160 with sinus tachycardia on the monitor. BP was 150 by palpation. Bolus of post-conversion lidocaine was administered as well as lidocaine drip per protocol.
- Upon arrival at the ED, the patient had spontaneous respirations, a pulse of 140 and a palpated BP of 150.

#### KEY RESULTS

- After several unsuccessful conversions, patient was converted to a perfusing rhythm following AutoPulse deployment.
- Patient was discharged neurologically intact.