

To Whom it May Concern

The Billings Fire Department is a cutting edge, all hazards public safety agency providing advanced life support EMS to the citizens and visitors of the City of Billings. Annually, the Billings Fire Department responds to 150 cardiac arrests and a critical component is high quality chest compressions. According to the American Heart Association, a key component of this metric is the minimization of interruptions, compression rate of 100-120 per minute, and chest compression depth of 2 inches. While all of the EMT's and Paramedic's are highly trained in CPR, the ability to meet the American Heart Association standards are imperative and the ZOLL Auto Pulse continually provides high-quality CPR during patient movement and transport. This allows the EMS providers to focus on critical time sensitive advanced interventions, crew safety during transport, and continuous chest compressions during patient movements. Additionally, the ZOLL Auto Pulse continually met the chain of survival impact times and provide blood and oxygen profusion to brain and organ tissue during a cardiac arrest.

The Billings Fire Department will be deploying the Zoll AutoPulse through a new response program that has been recommended by CPSE (Center for Public Safety Excellence). The recommendation was to create well trained responders to help with high volume of medical calls to respond in a smaller vehicle and to deploy more staff to high acuity calls that are more manpower intensive. This equipment will be delivered by Mobile response teams in Ford Interceptor vehicles and pair with the use of Zoll cardiac monitoring to increase better patient outcomes and save lives.