Influence of negative expiratory pressure ventilation on hemodynamic variables during severe hemorrhagic shock.


Overview: The purpose of this study was to evaluate the effects of negative expiratory pressure (NEEP) ventilation on mean arterial blood pressure, cardiac output, and short-term survival during severe hemorrhagic shock in a porcine model.

Conclusions: When compared with pigs ventilated with either 0 PEEP or 5 PEEP, NEEP ventilation during severe hemorrhagic shock improved mean arterial blood pressure and cardiac output.