

# Improve Resuscitation Workflow with LifeFlow<sup>®</sup>



## RESUSCITATE

### 500ml in < 2 min Stay with Your Patient

Deliver first bolus quickly to reverse hypotension in patients with shock.

- Provide active resuscitation
- Maintain control over delivery
- *Stay with your patient*



## RESTORE

### Improve Perfusion Reverse Shock

Assess using vitals and bedside markers of perfusion; decide if additional fluid bolus is needed.

Early fluids more rapidly reverse shock and *improve outcomes*.<sup>1-3</sup>



## REASSESS

### Rapid Decision/ Disposition

Each bolus delivered provides an opportunity to evaluate and determine next steps.

Faster resuscitation may lead to:

- Less mechanical ventilation<sup>4</sup>
- More rapid disposition
- *Less donning/doffing of PPE*

<sup>1</sup> Lee SJ, et al. (2014). Increased fluid administration in the first three hours of sepsis resuscitation is associated with reduced mortality: a retrospective cohort study. *Chest* 146(4): 908-915. <sup>2</sup> Leisman D, et al. (2016). Association of Fluid Resuscitation Initiation Within 30 Minutes of Severe Sepsis and Septic Shock Recognition With Reduced Mortality and Length of Stay. *Ann Emerg Med* 68(3): 298-311. <sup>3</sup> Williams JM, et al. (2018). "Characteristics, treatment and outcomes for all emergency department patients fulfilling criteria for septic shock: a prospective observational study." *Eur J Emerg Med* 25(2): 97-104. <sup>4</sup> Leisman D, et al. (2017). Patterns and Outcomes Associated With Timeliness of Initial Crystalloid Resuscitation in a Prospective Sepsis and Septic Shock Cohort. *Crit Care Med*. Oct;45(10):1596-1606.



***"Using LifeFlow we can deliver a fluid bolus to a critically ill patient and assess the response in less than 5 minutes, allowing me to make more rapid treatment and disposition decisions and avoid having to repeatedly don and doff PPE."***

—John Reister, M.D., Duke Raleigh Hospital.

LifeFlow is an easy-to-use device for rapid, controlled delivery of a fluid bolus to critically ill patients. LifeFlow is designed to allow providers to carefully titrate IV fluids to meet the unique needs of the patient, enabling rapid reassessment and treatment decisions without leaving the patient.

**Contact us  
today**