

100% NON-INVASIVE FLUID MANAGEMENT

- ▶ 100% non-invasive
- ▶ Validated against traditional monitoring technologies¹⁻³
- ▶ Accuracy not affected by vasopressors or shock states⁴
- ▶ Quick and easy setup
- ▶ Provides real-time, hemodynamic trend information
- ▶ Patient can be spontaneously breathing^{5,6}
- ▶ No invasive lines required



EXCEPTIONAL CLINICAL TOOLS

- ▶ Fluid management dashboard for both PLR and bolus
- ▶ Real-time fluid management display
- ▶ Arterial blood pressure display (From patient monitor)
- ▶ Excel reports to USB drive with fluid management graphs



ADVANCED INTERFACE AND USABILITY

- ▶ Customizable display
- ▶ On-screen presentation of sensor setup and guidance
- ▶ Large, clear on-screen display
- ▶ Color touchscreen with gesturing
- ▶ Medical-standard patient-cable connector

References: 1. Squara P, Denjean D, Estagnasie P, *et al.* Noninvasive cardiac output monitoring (NICOM): A clinical validation. *Intensive Care Med.* 2007;33(7):1191–1194. 2. Squara P, Rotcayg D, Denjean D, *et al.* Comparison of Monitoring performance of Bioreactance vs Pulse Contour during Lung Recruitment Maneuvers. *Crit. Care.* 2009;13:R125. 3. Marik PE, Levitov A, Young A, *et al.* The use of bioreactance and carotid Doppler to determine volume responsiveness and blood flow redistribution following passive leg raising in hemodynamically unstable patients. *Chest.* 2013;143(2):364–370. 4. Berlin DA, *et al.* Agreement of bioreactance cardiac output monitoring with thermodilution during hemorrhagic shock and resuscitation in adult swine. *Crit Care Med.* 2017;45(2):195–201. 5. Duus N, Shogilev D, Skibsted S, *et al.* The reliability and validity of passive leg raise and fluid bolus to assess fluid responsiveness in spontaneously breathing emergency department patients. *J Crit Care.* 2015;30(1):217.e1–217.e5. 6. Raval NY, Squara P, Clemen M, *et al.* Multicenter evaluation of noninvasive cardiac output measurement by bioreactance technique. *J Clin Monit Comput.* 2008;22(2):113–119.