



## PATIENT SAFETY WITH SIMULATION

EigenFlow is a realistic wireless ECMO simulator ideal for in-situ training with perfusionists and ECMO specialists. Simply plug EigenFlow into your existing ECMO circuit to remote control blood flow and blood parameters. Reproduce a wide variety of clinical states all from your smartphone.

### SIMULATE PROBLEMS BEFORE THEY HAPPEN

- + Reproduce air embolism, inlet and outlet obstruction, hypovolemia, and changes in lung and cardiac function.
- + Connects to pediatric and adult ECMO Circuits. Controlled by an intuitive iPhone or iPad app.



### SIMULATE OBSTRUCTION

Generate variable flows and pressures with two variable controlled valves for inlet or outlet obstruction and pre and post oxygenator pressures.



### SIMULATE EMBOLISM

Inject up to 50 cc's of free air into an ECMO circuit. Train students when to spot a large bolus before it becomes fatal.



### BLOOD MONITORING

Simulate vital blood parameters PaO2, PaCO2, SaO2, SvO2, Hb, Hct, ACT, TEG, aPTT, pH, art & ven Temp, Anti-Xa, pH, P1, P2, Lactate, Sweep, FiO2, ABP, PAP, CVP, and PWP.



### AUTOMATIC MODE

EigenFlow 2 Advanced includes 12 pre-defined scenarios that automate iOS input and functionality.

