## EigenFlow 2 Advanced



#### 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.

# 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.

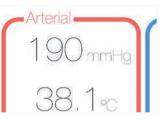


#### SIMULATE OBSTRUCTION

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 stduents 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.



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