

Materials List for:

Integrated Compensatory Responses in a Human Model of Hemorrhage

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Materials

Name	Company	Catalog Number	Comments
Dynamic Research Evaluation Workstation (DREW) data acquisition syetem	NA	NA	Custom Built by ISR personnel. The DREW allows for time synchronization of both digital and analog signal data collection from up to 16 independent instruments with a sampling rate of 1,000 Hz.
Finometer	Finapres Medical Systems (FMS)	Model 1	Device that provides noninvasive, continuous measurements of brachial artery blood pressure and arterial oxygen saturation (SpO ₂) using two separate infrared finger photoplethymography cuff sensors.
BCI Capnograph Plus	Smith Medical PM Inc.	9004	Capnograph used to measure end tidal CO ₂ and respiration rate
CipherOX	Flashback Technologies Inc.	R200	Investigational device used to calculate Compensatory Reserve Index (CRI)
Nonin 9560 Pulse Oximeter	Nonin	9560	finger pulse oximeter
Lower Body Negative Pressure Chamber (LBNP)	NASA	79K32632-1	Custom Chamber built by NASA
ECG Biotach	Gould	13-6615-65	Electrocardiograph for measuring ECG
Nasal CO ₂ Sample Line	Salter Labs	REF 4000	Latex free nasal cannula for sampling expired air