

Materials List for:

MRI Mapping of Cerebrovascular Reactivity via Gas Inhalation Challenges

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Materials

Name	Company	Catalog Number	Comments
Douglas bag	Harvard Apparatus	500942	200 L capacity
Three-way valve	Hans Rudolph	CR1207	100% plastic
Two-way non-rebreathing valve	Hans Rudolph	CR1480	22 mm/15 mm ID
Diaphragm	Hans Rudolph	602021-2608	Size: medium, Type: spiral
Mouth piece	Hans Rudolph	602076	Silicone, Model # 9061
Nose clip	Hans Rudolph	201413	Plastic foam, Model #9014
Gas delivery tube	Vacumed	1011-108	
Blue cuff	Vacumed	22254	
Gas sampling tube	QoSINA	T4305	Thin
Male luer	QoSINA	11547	
Hydrophobic filter	Philips Medical Systems	9906-00	Disposable
U-shape tube	Made in-house		
Elbow connector	QoSINA	51033	
EtCO ₂ monitor	Philips Medical Systems	Model 1265	
Pulse oximetry	Invivo	Expression	MRI Monitoring Systems
MRI scanner	Philips	Achieva 3.0T TX	
Disinfectant	Fisher Scientific	04-355-13	Decon BDD Bacdown Detergent Disinfectant