

Materials List for

# Functional Assessment of the Donor Heart During *Ex Situ* Perfusion: Insights from Pressure-Volume Loops and Surface Echocardiography

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## Materials

Name	Company	Catalog Number	Comments
3T Heater Cooler System	Liva Nova, Châtillon, France	IM-00727 A	Extracorporeal Heater Cooler device
4-0 polypropylene suture	Peters, bobigny, France	20S15B	sutures
5-0 polypropylene suture	Peters, bobigny, France	20S10B	sutures
Adenosine	Efisciens BV, Rotterdam, Netherlands	9088309	Drugs for the ex-vivo perfusion
Adrenaline	Aguettant, Lyon, France	600040	Drugs for the ex-vivo perfusion
Atracurium	Pfizer Holding France, Paris, France	582547	Drugs for the induction of the anesthesia
DeltaStream	Fresenius Medical Care, L'Arbresle, France	MEH2C4024	Extracorporeal blood pump
EKG epicardial electrodes	Cardinal Health LLC, Waukegan, Illinois, USA	31050522	EKG detection electrodes
External pacemaker	Medtronic Inc. Minneapolis, Minneapolis, USA	5392	Pacemaker device
Glucose 5%	B.Braun Melsungen AG, Melsungen, Germany	3400891780017	Drugs for the priming solution
Heart Perfusion Set, Organ Care System	Transmedics, Andover, MA, USA	Ref#1200	Normothermic ex-vivo heart perfusion device
Intellivue MX550	Philips Healthcare, Suresnes, France	NA	Permanent monitoring system
Istat 1	Abbott, Chicago, Ill, USA	714336-030	Blood Analyzer machine
Labchart	AD Instruments Ltd, Paris, France	LabChart v8.1.21	Pressure Volume loops acquisition software
Magnesium	Aguettant, Lyon, France	564 780-6	Drugs for the cardioplegia
Magnesium Sulfate	Aguettant, Lyon, France	600111	Drugs for the cardioplegia
Mannitol 20%	Macopharma, Mouvoux, France	3400891694567.00	Drugs for the cardioplegia
Methylprednisolone	Mylan S.A.S, Saint Priest, France	400005623	Drugs for the priming solution

Millar Conductance Catheter	AD Instruments Ltd, Paris, France	Ventri-Cath 507	Pressure Volume loops conductance catheter
MWI software	General Electric Healthcare, Chicago, Ill, USA	NA	software used for the Ultrasound echocardiographic machine
Orotracheal probe	Smiths medical ASD, Inc., Minneapolis, Minneapolis, USA	100/199/070	probe for the intubation during anesthesia
Potassium chloride 10%	B.Braun Melsungen AG, Melsungen, Germany	3400892691527.00	Drugs for the cardioplegia
Propofol	Zoetis France, Malakoff, France	8083511	Drugs for the induction of the anesthesia
Quadrox-I small Adult Oxygenator	Getinge, Göteborg, Sweden	BE-HMO 50000	Extracorporeal blood oxygenator
Ringer solution	B.Braun Melsungen AG, Melsungen, Germany	DKE2323	Drugs for the cardioplegia
Sodium Bicarbonate	Laboratoire Renaudin, itxassou, France	3701447	Drugs for the cardioplegia
Sodium chloride	Aguettant, Lyon, France	606726	Drugs for the priming solution
Swan Ganz Catheter	Merit Medical, south jordan, utah, USA	5041856	Right pressure and cardiac output probe
Tiletamine	Virbac France, Carros, France	3597132126021.00	Drugs for the induction of the anesthesia
Transesophagus probe (3–8 MHz 6VT)	General Electric Healthcare, Chicago, Ill, USA	NA	Ultrasound echocardiographic transesophagus probe
Vivid E95 ultraSound Machine	General Electric Healthcare, Chicago, Ill, USA	NA	Ultrasound echocardiographic machine
Xylocaïne 2%	Aspen, Reuil-malmaison, France	600550	Drugs for the cardioplegia
Zolazepam	Virbac France, Carros, France	3597132126021.00	Drugs for the induction of the anesthesia