

Materials List for

Lung Rapid Recovery Procurement Combined with Abdominal Normothermic Regional Perfusion in Controlled Donation after Circulatory Death

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Materials

Name	Company	Catalog Number	Comments
Vial 5 mL Heparin 1000 UI/mL	ROVI		For donor heparinization
ECMO KIT (MATERIALS FOR CANNULATION)			
Artery pressure lines	BEXEN MEDICAL	137.15	Artery pressure line por radial artery and femoral cannula
Bandage scissors	SURGIMEDIC	BC-881R	Shear to cut ECMO lines
Bio-medicus Venous cannula 21 Fr (7.0 mm) x 27.5 in (69.9 cm)	MEDTRONIC	96670-121	Venous cannula
Clorhexidine solution 2%			Disinfectant solution
ECMO device Maquet Rotaflow	Maquet, Rasttat, Germany		ECMO system
Electrocautery handle	DEXTRO	SW12200	
EndoReturn Arterial Cannula Kit 21-23F	Edwards Lifesciences	ER21B, ER23B	Arterial cannula with a doble lumen to ECMO connection and to introduce aortic occlusion balloon
Ethicon LigaClip med/short 20 titanium medium	ETHICON	MCS30	Ligaclips for control bleeding during groin dissection
Ethicon LigaClip med/short 20 titanium small	ETHICON	MCS20	Ligaclips for control bleeding during groin dissection
Insertion Kit Bio-medicus 180cm	MEDTRONIC	96551	Insertion Kit for ECMO cannulas, with catheter, metal wire guide and dilators
Irrigation pear	MEDLINE	DYNDE 20125	Pear to be filled with saline and purge ECMO lines at the site of connection with cannulas
Luer cone syringe 50cc	CARDIONATUR	60ML	Syringe filled with saline to fill occlusion balloon

Mersilk no 1, LR-60 CONV , 75 cm	ETHICON	W562H	Silk curved suture for ECMO cannulas fixation
Prolene 4/0	ETHICON	W8355	polypropylene suture for purse string in femoral vessels or vascular suture
Prolene 5/0 , 60 cm	ETHICON	8325	polypropylene suture for vascular suture
Prolene 5/0, 90 cm	ETHICON	8720	polypropylene suture for vascular suture
Reliant Stent Graft Balloon Catheter 12F	Medtronic, Ireland	AB46	Aortic occlusion balloon introduced through femoral artery. It is used as an endoclamp
Scalpel blade no 11	INTRAVEN	150011	
Scapel blade no 23	INTRAVEN	150023	
Silicone tube	IBERHOSPITEX	0027224-P	Silicone tube to connect suction system
Sofsilk braided silk no 1 strands	COVIDIEN	L-12	Silk strand for ligation or bleeding control
Sofsilk braided silk no 3 strands	COVIDIEN	L-115	Silk strand for ligation or bleeding control
straight connector 3/8"x3/8" with Luer lock	ANDOCOR	04CS0022	Piece to connect arterial cannula with ECMO line and the three way stop-cock for pressure line and blood sampling
Surgical pads pack	TEXPOL	146500	
Surgical stapler	COVIDIEN	8886803712	Stapler to close surgical wound
Three-way stopcock	BD CONNECTA	394501	Three way stop-cock to connect farterial cannula with pressure line
Vessel loop large	MEDLINE	VLMAXR	Vascular loop to embrace femoral artery and vein for bleeding control.
Vessel loop small	MEDLINE	VLMINR	Vascular loop to embrace femoral artery and vein for bleeding control.
Yankauer suction terminal 50 V	DEXTROMEDICA	349701	Suction terminal for suction while surgical dissection
SURGICAL TOOLS FOR CANNULATION			
Adson retractor 20 cm adn 33 cm			
Aortic clamp			
Boyd Scissors 18 cm			
Dissection forceps without jaws 21 cm			
Farabeuf retractor small			
Mayo scissors straight 14 cm and 16 cm			
Metzembraum scissors 18 cm, 20 cm and 23 cm			
Mosquito forceps straigth and curved			
Needle holder 18 cm and 23 cm			
Russ dissection forceps 15 cm			
Scalpel handle no 23 and no 21, 21 cm			
Surgical Dissector 23 cm			
MATERIALS FOR LUNG PROCUREMENT			
10 cc syringe	BD DISCARDIT	309110	

Alprostadil 500 mcgs injectable solution	PFIZER		Prostaglandin injected with lung preservation solution
Disposable GIA cartridge Steril 6/Ca	MEDTRONIC	1141634	
Disposable GIA stapler 60/3.8 3/Ca	MEDTRONIC	2802122	Stapler for trachea and bronchial division
Foley catheter 18 Ch Folsyl	Folsyl, Coloplast	AA6118	urinary catheter employed to cannulated pulmonary veins for retrograde perfusion
Lung preservation solution Perfadex 1000 mL	Medisan, Uppsala, Sweeden	19811 (box of 10 units)	Lung preservation solution
Mersilk no 1, LR-60 CONV , 75 cm	ETHICON	W562H	Silk curved suture for pericardium sutures
Paediatric Venous cannula	SORIN GROUP	V132-12	Cannula used for pulmonary artery cannulation
Prolene 4/0	ETHICON	W8355	polypropylene suture for purse string in pulmonary artery
Scalpel blade no 11	INTRAVEN	150011	
Sofsilk braided silk no 1 strands	COVIDIEN	L-12	Silk strand to fix arterial cannula with the tourniquet
Sofsilk braided silk no 3 strands	COVIDIEN	L-115	Silk strand for vessel ligation
Sterile bags			To keep and store lungs.
Straight connector 1,4"/1,4" with luer lock	ANDOCOR	04CS0032	Piece to connect pulmonary artery arterial cannula with preservation line and the three way stop-cock for prostaglandin
Three-way stopcock	BD CONNECTA	394501	Three way stop-cock to connect farterial cannula with pressure line
Uromatic set for irrigation double lead	MEDISAVE	TRC4007N	Irrigation system for lung preservation solution
Uromatic set for irrigation single lead	MEDISAVE	TRC4002	Irrigation system for lung preservation solution
SURGICAL TOOLS FOR LUNG PROCUREMENT			
Aortic cross- clamp			
Battery-powered surgical saw			
Cooley vascular clamp			
Dissecting forceps 18 cm and 27,9 cm			
Finochietto sternal retractor			
Metzembaum scissors 20 cm and 23 cm			
Mosquito forceps curved 12,5 cm			
Vascular clamps			
SURGICAL TOOLS FOR ABDOMINAL ORGAN PROCUREMENT			
Adson articulated retractors			
Allis forceps 16 cm			
Aortic cross-clamps			
Boyd scissors 17 cm			
Castroviejo needle holder			
Cooley Vascular clamps			
Crile forceps curved 18 cm			
Davis retractor 24.5 cm			

DeBakey dissecting forceps 19.7 cm and 24.1 cm			
DeBakey vascular clamps			
Dissecting forceps 18 cm and 27.9 cm			
Duval forceps 23 cm			
Farabeuf retractors			
Kidney Trays 300 cc and 500 cc			
Kocher forceps straight 18 cm			
Langenbeck retractors 21 cm and 23 cm			
Mayo scissors straight and curved , 17 cm			
Mosquito forceps straight and curved, 12.5 cm			
Needle holders 15 cm, 18 cm, 23 cm and 23 cm.			
Pean forceps 16 cm			
Potts scissors 19cm			
Rochester forceps curved 24 cm			
Rochester forceps straight 24 cm			
Russ dissection forceps 15 cm and 20 cm			
Scalpel handles			
Senn-mueller retractor 16 cm			