

Materials List for:

# Full-root Aortic Valve Replacement by Stentless Aortic Xenografts in Patients with Small Aortic Roots

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## Materials

Name	Company	Catalog Number	Comments
<b>Heart surgery infrastructure:</b>			
Heart Lung Machine	Stockert	SIII	
EOPA 24Fr. arterial cannula	Medtronic	77624	
Atrial caval venous cannula 34/48Fr.	Medtronic	93448	
LV vent catheter 17Fr.	Edwards	E061	
Antegrade 9Fr. cardioplegia cannula	Edwards	AR012V	
Retrograde 14Fr. cardioplegia cannula	Edwards	NPC014	
Coronary artery ostial cannula 90°	Medtronic	30155	
Coronary artery ostial cannula 45°	Medtronic	30255	
Name	Company	Catalog Number	Comments
<b>Valve substitutes:</b>			
Stentless aortic xenograft Prima Plus 23 mm	Edwards	2500P-23	anti-calcification XenoLogiX treatment
Stentless aortic xenograft Sizer 23 mm	Edwards	1170	
Stentless aortic xenograft Freestyle 23 mm	Medtronic	FR995-23	alpha amino oleic acid (AOA) anti-calcification treatment
Stentless aortic xenograft Sizer 23 mm	Medtronic	7900	
Electrocautery	Covidien	Force FX™	
Name	Company	Catalog Number	Comments
<b>Sutures:</b>			
Polypropylene 4/0	Ethicon	8871H	
Polypropylene 5/0	Ethicon	8870H	
Polypropylene 6/0	Ethicon	EH7400H	
Braided polyesther 2/0 ligature with polybutylate coating	Ethicon	X305H	
Micro knife Sharpoint	TYCO Healthcare PTY	78-6900	
Name	Company	Catalog Number	Comments
<b>Drugs:</b>			
Midazolam	Roche Pharma	N05CD08	
Rocuronium	MSD Merck Sharp & Dohme	M03AC09	

Propofol	Fresenius Kabi	N01AX10	
Fentanyl	Actavis	N01AH01	
Heparin	Braun	B01AB01	
Protamin	MEDA Pharmaceutical	V03AB14	
<b>Name</b>	<b>Company</b>	<b>Catalog Number</b>	<b>Comments</b>
<b>Instruments:</b>			
Cooley vascular aortic clamp	Delacroix-Chevalier	DC40810-16	
Dissection forceps Carpentier	Delacroix-Chevalier	DC13110-28	
Scissors Metzenbaum	Delacroix-Chevalier	B351751	
Needle holder Ryder	Delacroix-Chevalier	DC51130-20	
Dissection forceps DeBakey	Delacroix-Chevalier	DC12000-21	
Micro needle holder Jacobson	Delacroix-Chevalier	DC50002-21	
Micro scissors Jacobson	Delacroix-Chevalier	DC20057-21	
Lung retractor	Delacroix-Chevalier	B803990	
Allis clamp	Delacroix-Chevalier	DC45907-25	
O'Shaugnessy Dissector	Delacroix-Chevalier	B60650	
18 blade knife	Delacroix-Chevalier	B130180	
Leriche haemostatic clamp	Delacroix-Chevalier	B86555	
<b>Name</b>	<b>Company</b>	<b>Catalog Number</b>	<b>Comments</b>
<b>Data analysis:</b>			
Mann-Whitney and Chi-square tests	GraphPad	Prism 7	