

Materials List for:

Technique and Patient Selection Criteria of Right Anterior Mini-Thoracotomy for Minimal Access Aortic Valve Replacement

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Materials

Name	Company	Catalog Number	Comments
Heart surgery infrastructure:			
Heart Lung Machine	Stockert	SIII	
EOPA 24Fr. arterial cannula	Medtronic	77624	
FemFlex arterial cannula	Edwards	FEMII20A	
Quickdraw 25Fr. femoral venous cannula	Edwards	QD25	
Biomedicus 25Fr. Nextgen venous cannula	Medtronic	96670-125	
LV vent catheter 17Fr.	Edwards	E061	
Antegrade 9Fr. cardioplegia cannula	Edwards	AR012V	
Coronary artery ostial cannula 90°	Medtronic	30155	
Coronary artery ostial cannula 45°	Medtronic	30255	
Soft tissue retractor			
STAR soft tissue atraumatic retractor	Estech	EC400220	
Soft tissue retractor	Edwards	TRM	
Electrocautery	Covidien	Force FX™	
Sutures:			
Polypropylene 4/0	Ethicon	8871H	
Polypropylene 5/0	Ethicon	8870H	
Braided polyester 2/0 ligature with polybutylate coating	Ethicon	X305H	
Braided polyester 2/0 with pledgets V5	Ethicon	MEH7715N	
Braided polyglactin 2/0 suture	Ethicon	V114H	
Braided polyglactin 0 suture	Ethicon	W9996	
Drugs:			
Midazolam	Roche Pharma	N05CD08	
Rocuronium	MSD Merck Sharp & Dohme	M03AC09	
Propofol	Fresenius Kabi	N01AX10	
Fentanyl	Actavis	N01AH01	

Heparin	Braun	B01AB01	
Protamin	MEDA Pharmaceutical	V03AB14	
Custodiol cardioplegia solution	Dr. F. Köhler Chemie GmbH	B05CX10	
Instruments:			
Window access retractor SI	Estech	400-400	
SI retractor blade 40W50L	Estech	400-172	
Ceramo atraumatic forceps 2.8x15/350	Fehling	FE-MRA-3	
Ceramo HCR valve forceps 3.0x15/350	Fehling	FE-MRA-0	
Ceramo HCR needle holder 2x10/340	Fehling	FE-MRB-2	
Ceramo TC HCR needle holder curved 3x10/340	Fehling	FE-MRG-9	
Ceramo HCR valve scissors 350	Fehling	FE-MRA-7	
Ceramo HCR curved scissors 350	Fehling	FE-MRA-6	
Cygnnet flexible arched aortic clamp	Vitalitec	V10143	
Intrack insert set double traction	Vitalitec	N10122	
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	
Lung retractor	Delacroix-Chevalier	B803990	
Allis clamp	Delacroix-Chevalier	DC45907-25	
O'Shaughnessy Dissector	Delacroix-Chevalier	B60650	
18 blade knife	Delacroix-Chevalier	B130180	
11 blade knife	Premiere	9311-2PK	
Leriche haemostatic clamp	Delacroix-Chevalier	B86555	
Data analysis			
Mann-Whitney and Chi-square tests	GraphPad	Prism 7	