

Materials List for:

Robotic Ablation of Atrial Fibrillation

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URL: <https://www.jove.com/video/52560>

DOI: [doi:10.3791/52560](https://doi.org/10.3791/52560)

Materials

Name	Company	Catalog Number	Comments
Amigo Remote Catheter System	Catheter Robotics/Boston Scientific		Robotic system
BRK transseptal needle (71 cm)	St Jude Medical		Needle for transseptal puncture
8.5 F SR0 sheath	Swartz/St Jude Medical		long sheath to access the left atrium and to provide stability for the ablation catheter
8.5 F SL0 sheath	Swartz/St Jude Medical		long sheath to access the left atrium and to provide stability for the LASSO catheter
LASSO catheter + cable	Biosense Webster		Circular mapping catheter (7 F) to measure electrical activity in the pulmonary veins
IBI inquiry decapolar catheter + cable	St Jude Medical		Coronary sinus catheter
Thermocool SmartTouch	Biosense Webster		open-irrigated ablation catheter (7,5 F) with a 3,5 mm tip and contact force measurement, the tip is heated to apply thermal lesions in the left atrial myocardium
Heparin	Braun		1. heparinized irrigation solution for preparation of the sheath, 2. intravenous unfractionated heparin for procedural anticoagulation
Propofol	Fresenius		Procedural sedation
Midazolam	Roche		Procedural sedation
NaCl solution	Braun		Irrigation solution for the ablation catheter
CARTO	Biosense Webster		Mapping System and contact force measurement; this system allows a 3-D- reconstruction of the left atrium and navigation of the moving catheter
UHS-20	Biotronik		Electrical Stimulator for stimulation of cardiac tissue via catheter tip of the LASSO-, CS- or ablation catheter
EP Shuttle	Stockert		Ablation Generator for application of energy and thermal lesion via the catheter tip
6 F sheath	Terumo		sheath to provide femoral access
Lifepack 15 defibrillator	Physio Control		Defibrillator/monitoring device
Pericardiocentesis set	various		Emergency set