

Materials List for:

Implantation of hiPSC-derived Cardiac-muscle Patches after Myocardial Injury in a Guinea Pig Model

Liesa Castro^{1,2}, Birgit Geertz³, Marina Reinsch^{2,3}, Bülent Aksehirlioglu³, Arne Hansen^{2,3}, Thomas Eschenhagen^{2,3}, Hermann Reichenspurner^{1,2}, Florian Weinberger^{2,3}, Simon Pecha^{*1,2}

¹Department of Cardiovascular Surgery, University Heart Center Hamburg

²partner site Hamburg/Kiel/Lübeck, German Centre for Cardiovascular Research (DZHK)

³Department of Experimental Pharmacology and Toxicology, Cardiovascular ResearchCenter, University Medical Center Hamburg-Eppendorf

* These authors contributed equally

Correspondence to: Simon Pecha at s.pecha@uke.de

URL: <https://www.jove.com/video/58810>

DOI: [doi:10.3791/58810](https://doi.org/10.3791/58810)

Materials

Name	Company	Catalog Number	Comments
Ventilator (VetFlo Dual Mode)	Kent Scientific		
Forene	abbvie	1000009819	
Carprofen	Zoetis	256692	
Atropin	Braun	PZN 00648037	
Buprenorphin	Sigma		
Metal stamp			
Electric soldering iron	Claytools		
3-0 prolene suture	Ethicon		
4-0 prolene suture	Ethicon	662SLH	
5-0 prolene suture	Ethicon	8710H	
8-0 prolene suture	Ethicon	8841H	
Tungsten Carbide Scissor	FST	No. 14568-12	
Stainless sterilization Container	FST	No. 20890-51	
Graefe Forceps	FST	No.11652-10	
Extra fine Graefe Forceps	FST	No.11150-10	
Forceps	FST	No. 11022-15	
Halsted- Mosquito	FST	No. 13009-12	
Forceps	FST	No.13003-10	
Baby Mixer	FST	No. 13013-14	
Needle holder (Castroviejo with Tungsten Carbide Jaws)	FST	No. 12565-14	
Needle Holder (Halsey)	FST	No. 12501-13	
Alm Retractor with Blunt Teeth	FST	No. 17008-07	
Spring Scissor	FST	No. 15000-00	
Compress 5x5	Fink + Walter	PZN 08821417	
Venflon Pro Safety	Becton Dickinson	PZN11123964	
Cautery High Temp 2"	Bovie Medical Corporation	0100607151011055	