

Implantation of Human-Sized Coronary Stents into Rat Abdominal Aorta Using a Trans-Femoral Access

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Materials

Name	Company	Catalog Number	Comments
Diet			
SNIFF High Fat diet + Clopidogrel (15 mg/kg)	SNIFF Spezialdiäten GmbH, Soest	custom prepared	Western Diet
Drugs and Anesthetics			
Buprenorphine	Essex Pharma	997.00.00	
ISOFLO (Isoflurane Vapor) vaporiser	Eickemeyer	4802885	
Isoflurane	Forene Abbott	B 506	
Isotonic (0.9%) NaCl solution	DeltaSelect GmbH	PZN 00765145	
Ringer's lactate solution	Baxter Deutschland GmbH	3775380	
(S)-ketamine	CEVA Germany		
Xylazine	Medistar Germany		
Consumable supplies			
10 mL syringes	BD Plastipak	4606108V	
2 mL syringes	BD Plastipak	4606027V	
6-0 prolene suture	ETHICON	N-2719K	
4-0 silk suture	Seraflex	IC 158000	
Bepanthen Eye and Nose Ointment	Bayer Vital GmbH	6029009.00.00	
Cotton Gauze swabs	Fuhrmann GmbH	32014	
Durapore silk tape	3M	1538-1	
Poly-Alcohol Skin Desinfection Solution	Antiseptica GmbH	72PAH200	
Sterican needle 18 G	B. Braun	304622	
Sterican needle 27 3/4 G	B. Braun	4657705	
Tissue Paper	commercially available		
Surgical instruments			

Graefe forceps curved x1	Fine Science Tools Inc.	11151-10	
Graefe forceps straight	Fine Science Tools Inc.	11050-10	
Needle holder Mathieu	Fine Science Tools Inc.	12010-14	
Scissors	Fine Science Tools Inc.	14074-11	
Semken forceps	Fine Science Tools Inc.	11008-13	
Small surgical scissors curved	Fine Science Tools Inc.	14029-10	
Small surgical scissors straight	Fine Science Tools Inc.	14028-10	
Standard pattern forceps	Fine Science Tools Inc.	11000-12	
Vannas spring scissors	Fine Science Tools Inc.	15000-08	
Equipment			
Dissecting microscope	Leica MZ9		
Temperature controlled heating pad	Sygonix	26857617	
Equipment for stent implantation			
Drug-eluting stent Xience 2,25mm x 8mm	Abbott Vascular USA	1009544-18	
Guide wire Fielder XT PTCA guide wire: 0.014" x 300cm	ASAHI INTECC CO., LTD Japan	AGP140302	
Inflation syringe system	Abbott 20/30 Priority Pack	1000186	
Tissue processing and analysis			
30% H ₂ O ₂	Roth	9681	Histology
Ethanol	Roth	K928.1	Histology
Giemsas Azur-Eosin-Methylenblau	Merck	109204	Histology
Graphic Drawing Tablet	WACOM Europe GmbH	CTL-6100WLK-S	
Roti Histofix, Formaldehyd 4% buffered	Roth	P087	Histology
Technovit 9100	Morphisto	12225.K1000	Histology