

Materials List for:

In Vivo Evaluation of Fracture Callus Development During Bone Healing in Mice Using an MRI-compatible Osteosynthesis Device for the Mouse Femur

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Materials

Name	Company	Catalog Number	Comments
Anaesthesia tube	FMI, Seeheim, Germany	ZUA-82-ANA-TUB-Mouse	
Anaesthetic machine	FMI, Seeheim, Germany	ZUA-82-GME-MA	
Artery forceps	Aesculap, Tuttlingen, Germany	BH104R	
Autoclave	Systec, Wettenberg, Germany	DX-150	
Autoclaving packaging	Stericlin, Feuchtwangen, Germany	2301-04/06/10/12/16	
Avizo software	FEI, Burlington, USA	-	Version 8.0.1
BioSpec 117/16 magnetic resonance imaging system	Bruker Biospin, Ettlingen, Germany	117/16	
Bulldog clamp	Aesculap, Tuttlingen, Germany	BH 021R	
Carbon steel scalpel no. 11/15	Aesculap, Tuttlingen, Germany	BA211/215	
Ceramic mounting pin 0.45 mm	RISystem, Davos, Switzerland	HS691490	
Clindamycin (300 mg / 2ml)	Ratiopharm, Ulm, Germany	-	
Dressing forceps 115 mm	Aesculap, Tuttlingen, Germany	BD210R	
Dressing forceps 130 mm	Aesculap, Tuttlingen, Germany	BD025R	
Drill bit coated 0.45 mm	RISystem, Davos, Switzerland	HS820420	
Durogrip needle holder 125 mm	Aesculap, Tuttlingen, Germany	BM024R	
Foliodrape	Hartmann, Heidenheim, Germany	2513026	
Frekaderm	Fresenius, Bad Homburg, Germany	4928211	
Gigli saw 0.44 mm	RISystem, Davos, Switzerland	RIS.590.110.25	
Hand drill	RISystem, Davos, Switzerland	RIS.390.130-01	
Heating plate	FMI, Seeheim, Germany	IOW-3704	
Hygonorm gloves	Hygi, Telgte, Germany	2706	
Isoflurane	Abbot, London, UK	Forene	
Micro forceps 155 mm	Aesculap, Tuttlingen, Germany	BD343R	
Micro scissors 120 mm	Aesculap, Tuttlingen, Germany	FD013R	
Mouse FixEx L 0.7 mm	RISystem, Davos, Switzerland	RIS.611.300-10	
Needle case for drills	Aesculap, Tuttlingen, Germany	BL911R	
Needle holder	Aesculap, Tuttlingen, Germany	BB078R	
Octenisept	Schülke, Norderstedt, Germany	121403	

Osirix software	Pixmeo SARL, Bernex, Switzerland	-	Version 4.0
Oxygen, medical grade	MTI, Ulm, Germany	-	
Resolon 5/0	Resorba, Nürnberg, Germany	88143	
Saline 0.9%	Braun, Melsungen, Germany	3570350	
Scalpel handle 125 mm	Aesculap, Tuttlingen, Germany	BB073R	
Scissors 150 mm	Aesculap, Tuttlingen, Germany	BC006R	
Sealer for autoclave packaging	Hawo GmbH, Obrigheim, Germany	HM500	
Sterican 27 G	Braun, Melsungen, Germany	4657705	
Sterile surgical blades no. 11/15	Aesculap, Tuttlingen, Germany	BB511/515	
Surgical gloves	Hartmann, Heidenheim, Germany	Peha-micron 9425712	
Surgical light	Maquet SA, Ardon, France	Blue line 80	
Syringes 5 ml	Braun, Melsungen, Germany	Injekt 4606051V	
Tissue forceps 80 mm	Aesculap, Tuttlingen, Germany	OC091R	
Tramadol 25 mg/l	Grünenthal, Aachen, Germany	100mg/ml	
Vasofix Safety	Braun, Melsungen, Germany	4268113S-01	
Vicryl 5-0	Ethicon, Norderstedt, Germany	V30371	
Visdisic eye ointment	Bausch & Lomb, Berlin, Germany	3099559	