

Materials List for:

# Treatment of Osteochondral Defects in the Rabbit's Knee Joint by Implantation of Allogeneic Mesenchymal Stem Cells in Fibrin Clots

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URL: <https://www.jove.com/video/4423>

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## Materials

Name	Company	Catalog Number	Comments
DMEM	Biochrom AG	F 0415	
FCS	PAN Biotech GmbH	0401	
Propofol	Fresenius Kabi		
Penicillin/Streptomycin	Biochrom AG	A 2210	1,000 units/10 µg/µl in 0.9% NaCl
PBS Dulbecco (1X)	Biochrom AG	L1815	
Ethanol (70%)	Merck KGaA	410230	
Trypan Blue Solution (0.4%)	Sigma-Aldrich	T8154	
Biocoll Separation Sol.	Biochrom AG	L6115	Isotonic solution Density: 1,077 g/ml
Trypsin-EDTA 0.05%	Invitrogen GmbH	25300-054	
Fentanyl	DeltaSelectGmbH	1819340	
NaCl solution (0.9%)	BBraun	8333A193	
Syringes (Injekt)	BBraun	4606108V	
Needles (Sterican)	BBraun	4657519	
Forceps (blunt/sharp)	Aesculap		
Scissors	Aesculap		
Scalpels	Feather Safety Razor Co	02.001.30.022	
Pipettes research	Eppendorf		
Bone Cutter	Aesculap		
Tissue culture dishes 100 mm/150 mm	TPP AG	93100/93150	Growth area 60.1 mm <sup>2</sup> /147.8 mm <sup>2</sup>
Tissue culture flasks 25/75 mm <sup>2</sup>	TPP AG	90025/90075	25 mm <sup>2</sup> , 75 mm <sup>2</sup>
Centrifuge Tubes (50 ml)	TPP AG	91050	Gamma-sterilized
CO <sub>2</sub> Incubator	Forma Scientific Inc.		
Cell culture laminar flow hood Hera Safe	Heraeus Instruments		
Sterile saw	Aesculap		
Centrifuge Megafuge 2.0 R	Heraeus Instruments		
Hemocytometer	Brand GmbH+Co KG	717810	Neubauer
Air operated power drill	Aesculap		
TISSUCOL-Kit 1.0 ml Immuno	Baxter	2546648	

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Fibers (4-0 Monocryl, 4-0 Vicryl)	Ethicon		
Spray dressing (OpSite)	Smith&Nephew	66004978	Permeable for water vapor