

Materials List for:

# Preparation, Procedures and Evaluation of Platelet-Rich Plasma Injection in the Treatment of Knee Osteoarthritis

Ziming Chen<sup>\*1,2</sup>, Zhantao Deng<sup>\*1</sup>, Yuanchen Ma<sup>1</sup>, Junxing Liao<sup>1</sup>, Qingtian Li<sup>1</sup>, Mengyuan Li<sup>1</sup>, Hua Liu<sup>1</sup>, Ganghong Chen<sup>1</sup>, Chaoming Zeng<sup>1</sup>, Qiujian Zheng<sup>1</sup>

<sup>1</sup>Department of Orthopedics, Guangdong General Hospital (Guangdong Academy of Medical Sciences)

<sup>2</sup>Shantou University Medical College

\*These authors contributed equally

Correspondence to: Qiujian Zheng at [ZQJzjq666@yeah.net](mailto:ZQJzjq666@yeah.net)

URL: <https://www.jove.com/video/57700>

DOI: [doi:10.3791/57700](https://doi.org/10.3791/57700)

## Materials

Name	Company	Catalog Number	Comments
Centrifuge	Eppendorf	5702	
Centrifuge tube	CORNING	430828	
Horizontal rotor	Eppendorf	LL080	
Anerdian III	Shanghai Likang Disinfectant HiTech Co., LTD	310173	Disinfect the skin
1ml Syringe	KDL Medical Equipment Co., LTD	0.4*13 RWLB	
10ml Syringe	KDL Medical Equipment Co., LTD	1.2*38 TWSB	
50ml Syringe	KDL Medical Equipment Co., LTD	0.7*32 TWLB	
Medical Tourniquet	Changzhou Jinli Latex Products Co., LTD	0087-2011	
Single-use sterile rubber surgical gloves	Shanghai jinxiang Latex Products Co., LTD	17060	
Disposable Draw Blood Needle	KDL Medical Equipment Co., LTD	0.55*20 L(II) RWLB	
Heparin Sodium Injection	SPH No.1 Biochemical & Pharmaceutical Co., LTD	1706101	2ml:12500U
Jifro Hand Antiseptic Rinse Free Gel	Shanghai Likang Disinfectant HiTech Co., LTD	311793	
Medical Cotton Swab	Foshan Kangzheng Medical Supplies Co., LTD	KZ3-12	Disinfect the skin
10ml Normal Saline	Jiangxi Shuangshi Pharmecutical Co., LTD	140211458	
Automatic Blood Cell Analyzer	Beckman Coulter	LH-750	
Hole-towe			Sterile
Anticoagulation Tube(Blood Collection Tubes, K2E 3.6mg)	Becton, Dickinson and Company	CNL17-COO56	Store in a cool dry place within 4 to 25 degrees Celcius
Tweezers	RWD LIFE SCIENCE	F12006-10	
Sterile Gauze	Guangdong Ze Chang Trade Co., LTD	170915	
Adhesive Plaster	3M Transpore	1527C-0	
Skin Marker Pen	Guangzhou Mingjia Medical Device Manufacturing Co., LTD	10110	