

Materials List for:

Intracavernosal Pressure Recording to Evaluate Erectile Function in Rodents

Feng Pan^{*2}, Jie Zhang^{*3}, Yuyan Liu¹, Liangsheng Lu¹, Xuefeng Qiu⁴, Kangtai Lv⁵, Qipeng Zhang¹

¹State Key Laboratory of Pharmaceutical Biotechnology, School of Life Sciences, Jiangsu Engineering Research Center for microRNA Biology and Biotechnology, Nanjing University

²Department of Andrology, The Affiliated Obstetrics and Gynecology Hospital of Nanjing Medical University, Nanjing Maternity and Child Health Care Hospital

³School of Pharmaceutical Sciences, Nanjing Tech University

⁴Department of Urology, Affiliated Drum Tower Hospital, School of Medicine, Nanjing University

⁵Department of Ultrasound, Nanjing Qixia District Maternity and Child Health Care Hospital

* These authors contributed equally

Correspondence to: Kangtai Lv at lvkti@126.com, Qipeng Zhang at qpzhang@nju.edu.cn

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Materials

Name	Company	Catalog Number	Comments
Animal			
Rats			Strain: Sprague-Dawley Age: 2-3 month
Rats			Strain: Sprague-Dawley Age: 15-18 month
Name	Company	Catalog Number	Comments
Reagents			
Saline	Sigma-Aldrich, S7653		dissolve 8.5 gram sodium chloride in distilled water
Pentobarbital sodium solution	Sigma-Aldrich, P3761		dissolve 1 gram in 100 ml saline
Povidone-iodine	BTP Pharmaceutical Co. Limited		10% (V/V)
Ethanol	China National Pharmaceutical Group Corporation (SINOPHARM)		70% (V/V)
Heparin	Sigma-Aldrich, H3149		dissolve 20000U heparin in 100 ml saline
Name	Company	Catalog Number	Comments
Materials			
Hypodermic needle	Shandong Weigao Group Medical Polymer Co., Ltd.	23G	
Syringe	Shandong Weigao Group Medical Polymer Co., Ltd	10 ml	
Three-way stopcock	Chengdu Instrument factory	TSK 01	
Electrode	Chengdu Instrument factory	JST-1	
Catheter tube	Chengdu Instrument factory	PE-10, PE-50	
Operating scissors	Shanghai operation equipment factory	J22010, J22020	
Ophthalmic operating scissors	Shanghai operation equipment factory	Y00010, Y00020	
Ophthalmic forceps	Shanghai operation equipment factory	JD1010, JD1020	
MicroScissors	World Precision Instruments	WAA260	
silk suture	Shandong Weigao Group Medical Polymer Co., Ltd.	5-0	
Name	Company	Catalog Number	Comments

Equipment			
Stimulator	Nanjing medease science and technology co. ltd (model 4C501H)		15 Hz, 5 ms pulse, 5 V, 60 s duration and 5 minutes interval
Multichannel signal collection processing system	Nanjing medease science and technology co. ltd (model 4C501H)		Blood pressure model
Pressure transducer	Beijing Xin Hang Xing Ye Technology Trading Company Limited (model YP100)		40KPa