

Materials List for

Avoiding Ischemia Reperfusion Injury in Liver Transplantation

Yixi Zhang^{*1,2,3}, Changjun Huang^{*1,2,3}, Weiqiang Ju^{*1,2,3}, Qiang Zhao^{1,2,3}, Maogen Chen^{1,2,3}, Linhe Wang^{1,2,3}, Dongping Wang^{1,2,3}, Linwei Wu^{1,2,3}, Zebin Zhu⁴, Shanzhou Huang⁵, Zhiheng Zhang^{1,2,3}, Caihui Zhu^{1,2,3}, Rongxing Xie^{1,2,3}, Yinghua Chen^{1,2,3}, Anbin Hu^{1,2,3}, Xiaofeng Zhu^{1,2,3}, Zhiyong Guo^{1,2,3}, Xiaoshun He^{1,2,3}

¹Organ Transplant Center, The First Affiliated Hospital, Sun Yat-sen University

²Guangdong Provincial Key Laboratory of Organ Donation and Transplant Immunology

³Guangdong Provincial International Cooperation Base of Science and Technology

⁴Organ Transplant Center, The First Affiliated Hospital of USTC, Division of Life Sciences and Medicine, University of Science and Technology of China

⁵Department of General Surgery, Guangdong General Hospital, Guangdong Academy of Medical Sciences

* These authors contributed equally

Correspondence to: Zhiyong Guo at rockyucsf1981@126.com, Xiaoshun He at gdtrc@163.com

URL: <https://www.jove.com/video/61485>

DOI: [doi:10.3791/61485](https://doi.org/10.3791/61485)

Materials

Name	Company	Catalog Number	Comments
10% calcium gluconate	Hebei Tiancheng Pharmaceutical Co, Ltd	1S181124101	30 mL
25% magnesium sulphate	Hebei Tiancheng Pharmaceutical Co, Ltd	H20033861	3 mL
5% sodium bicarbonate	Huiyinbi Group Jiangxi Dongya Pharmaceutical Co, Ltd	H36020283	The amount depends on the pH
Cefoperazone sodium and sulbactam sodium	Pfizer	H20020597	1.5 g
Compound Amino Acid Injection	Guangdong Litai Pharmaceutical Co., Ltd	H20063797	250 mL
Crossed-matched leucocyte-depleted washed red cells	Guangzhou Blood Center	H20033739	1300 mL
Heparin	Chengdu Hepatunn Pharmaceutical Co., Ltd	H51021209	37500 U
Liver Assist	Organ Assist	OA.Li.Li.140	Perfusion device
Liver Assist disposable package	Organ Assist	OA.Li.DP.540	Disposable set and cannulas
Metronidazole	Shanghai Baxter Healthcare Co., Ltd.	H20003301	0.5 g
scalp acupuncture	Wuhan W.E.O.Science & Technology Development Co., Ltd	WEO-JX-32B-5.0 0.7*25mm	Bile duct cannula
Succinylated gelatinor	B. Braun Medical Suzhou Co., Ltd	H20113119	1400 mL