Materials List for

Establishment and Confirmation of a Postnatal Right Ventricular Volume Overload Mouse Model

Sijuan Sun*¹, Hongbin Zhu*², Shoubao Wang³, Xiuxia Xu⁴, Lincai Ye^{2,5,6}

Correspondence to: Xiuxia Xu at xu-xiuxia@163.com, Lincai Ye at ylc717@163.com

URL: https://www.jove.com/video/65372

DOI: doi:10.3791/65372

Materials

Name	Company	Catalog Number	Comments
70% Ethanol	Tiandz,Chia		
ACETAMINOPHEN Oral Solution	VistaPharm, Inc. Largo, FL 33771, USA	NDC 66689-054-01	
Anesthesia machine	RWD Life Science,China	R550IP	
Anesthesia mask	RWD Life Science,China	68680	
C57BL/6 mice	Xipu'er-bikai Experimental Animal Co., Ltd (Shanghai, China)		
Hair removal cream	Veet, France	VT-200	
Hematoxylin and eosin Kit	Beyotime biotech	C0105M	
Isoflurane	RWD Life Science,China	R510-22-10	
Microscope	Yuyan Instruments, China	SM-301	
Surgical suture needles	NINGBO MEDICAL NEEDLE CO.,LTD, China		
Thermostatic heating platform	Qingdao Juchuang Environmental Protection Group Co., Ltd, China		
Ultrasound device	FUJIFILM VisualSonics, Inc.	Vevo 2100	Image modes includes B-Mode, Color Doppler Mode and Pulsed Wave Doppler Mode
Ultrasound gel	Parker Laboratories, United States	REF 01-08	
Ultrasound transducer	FUJIFILM VisualSonics, Inc.	MS 400	

¹Department of Pediatric Intensive Care Unit, Shanghai Children's Medical Center, School of Medicine, Shanghai Jiaotong University

²Department of Thoracic and Cardiovascular Surgery, Shanghai Children's Hospital, School of Medicine, Shanghai Jiaotong University

³Department of Plastic and Reconstructive Surgery, Shanghai Ninth People's Hospital, School of Medicine, Shanghai Jiao Tong University

⁴Department of Radiology, Huangpu Branch, Shanghai Ninth People's Hospital, Shanghai Jiao Tong University School of Medicine

⁵Institute of Pediatric Translational Medicine, Shanghai Children's Medical Center, School of Medicine, Shanghai Jiaotong University

⁶Shanghai Institute for Pediatric Congenital Heart Disease, Shanghai Children's Medical Center, School of Medicine, Shanghai Jiaotong University

^{*}These authors contributed equally