

Animal Care and Use Statement:

In this research, all procedures involving animals were reviewed and approved by the Xi'an Jiaotong University Institutional Care and Use Committee, and performed according to the Guidelines for Animal Experimentation of Xi'an Jiaotong University (SYXK-SHAN 2014-003) and the Guide for the Care and Use of Laboratory Animals Published by the US National Institutes of Health. The animals were acclimatized to laboratory conditions (23 °C, 12 h/12 h light/dark, 50% humidity, ad libitum access to food and water) for two weeks prior to experimentation. They were euthanized using a barbiturate overdose (intravenous injection, 150 mg/kg pentobarbital sodium) for tissue collection.



西安交通大学动物实验伦理审查批准书

No. XJTULAC201 - 398

Xi'an Jiaotong University Approval for Research Involving Animals

批准日期 (App. Date): 2014 年 7 月 15 日 (2014-7-15):

项目主持人姓名 Name of Principal Investigator	Yi Lv	申请人单位 Department	Department of Hepatobiliary Surgery, First Affiliated Hospital, Xi'an Jiaotong University, Xi'an, Shaanxi, China.		
课题名称 Project Title	Choledochojejunostomy with an innovative magnetic compressive anastomosis: how to determine optimal pressure?				
课题来源和批号(Funding Source & Number)	National Natural Science Foundation of China (51275387) The Project development and Innovation team of Ministry of Education (IRT1279) The Science and Technology Co-ordination and Innovation Project, Shaanxi province of China (2011KTCQ03-12)				
使用动物情况 Animal Requirements	动物来源 Source	Experimental Center	Animal School of Medicine, Xi'an Jiaotong University.	品种品系 Species or Strains	Local mongrel male dogs
	数量 Quantity	26 只 (♀ 0 只; ♂ 26 只)			
	计划开始日期 (Proposed Date of Commencement)	2014-07-01	计划结束日期 (Proposed Date of Completion)	2015-03-20	
审查项目 Ethical Considerations	<p>1. Whether the implementation of this project is in compliance with the NIH and the School Animal Experimentation Committee? Yes, it does.</p> <p>2. Whether the use of animal species, grade, size and number is appropriate? Animal species is the local mongrel dogs, grade and state of health are good, the number used is in accordance with the requirements of the experimental designed.</p> <p>3. Whether through improved designs to replace or reduce the usage of the animals? According to the experiment designed there are no alternative animals, we should do our best to maximize the use of animal resources, avoid wasting.</p> <p>4. Whether it is ethical treatment of animals in experiment? Including reasonable end of the experiment, anesthesia program, reason not to anesthesia and appropriate measures to reduce the suffering of animals, laboratory animals end processing, animal euthanasia programs. Operation can meet people for the ethical treatment of animals, human care, it can completely in accordance with the requirements for the experiment designed, reducing animal suffering as much as possible, unnecessary operations couldn't be done, end of the experiment are processed by way of euthanasia, the animal body are unified delivered to experiment animal center.</p> <p>5. Whether or not to use harmful reagent to human body or the environment, potentially infectious agents, radioactive substances? Whether to use genetic modification reagent, whether for genetic operation and the appropriate protective measures? The whole experiment process without any harmful to the human body or the environment reagent, there is no potential infectious agents, radioactive substances, do not use genetically modified reagents, no genetic operation.</p>				

实验动物管理委员会意见
Comments of the laboratory animal care
committee



代表签名：
Name of Ethics Committee Representative

A handwritten signature in red ink, appearing to be "刘" followed by some less legible characters.

Date: