

**An Introduction to
Centre for Evidence-Based
Chinese Medicine, Beijing
University of Chinese Medicine**

Jianping Liu

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General introduction

- **Established in May 2005 on the basis of clinical epidemiology department, at Beijing University of Chinese Medicine**
- **Approved as CEU (Clinical Epidemiology Unit) in Feb 2008 by INCLLEN**
- **Part of the Cochrane Collaboration (TCM Branch of CAM Field in Beijing)**
- **Partner of Cochrane Hepato-Biliary Group**



Background information with Cochrane Collaboration

- Jianping Liu was involved in the Cochrane Collaboration since 1997;
- One of the key collaborators for Chinese Cochrane Center which was established in 1999



Staffs

- Prof Jianping Liu, MD, PhD (head)
- A/Prof Yutong Fei, MD, PhD
- A/Prof Wei Chen, MD, PhD
- A/Prof Zhaolan Liu, MD, PhD
- Lecturer Huijuan Cao, MD, PhD
- Lecturer Xun Li, PhD
- Lecturer Ying Zhang, Mphil, PhD
- Lecturer Mei Han, MPh, PhD



Students

- Postdoc: 6
- PhD students: 6
- Master students: 12
- Visiting scholars: 2



Mission

- **To promote evidence-based Chinese medicine research and practice;**
- **To establish scientific evidence base of TCM to share with western world;**
- **To promote capacity building of TCM researchers and college students.**



Main responsibility

1. TEACHING AND TRAINING

- *Clinical epidemiology*: postgraduates
- *Evidence-based medicine*: postgraduates
- *Medical statistics* for undergraduates and postgraduates
- *Medical Literature Reading*: undergraduates
- *Evidence-Based Nursing*: under&postgrad
- *Epidemiology*: oversea undergraduate
- Training workshops on research methodology for clinicians and TCM researchers.



Main responsibility

2. RESEARCH

- (1) Cochrane systematic reviews on TCM therapies including Chinese herbal medicine and acupuncture for different diseases (47 including 23 SRs and 24 protocols).
 - (2) Clinical studies on TCM therapies (>20 projects)
 - (3) Technical support to clinical trials on TCM therapies including trial register, central randomization, data management, and statistical analyses
 - (4) Database development of RCTs on TCM
 - (5) Consultation and services on research projects regarding design of clinical trials, CPGs, and TCM new drug development
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Funding sources

- Chinese Ministry of Science and Technology (MOST)
- Chinese Ministry of Education
- State Administration of TCM
- International resources



Research projects completed

1. Sino-Australia Collaboration in Clinical Research in TCM (2009-11, funded by the MOST)
 - Clinical research platform
 - Database of clinical trials on TCM
 - Systematic reviews



TCM Clinical Research and Evaluation Platform

Database of TCM trials (bilingual)

中英文信息源数据库

检索、鉴定 分类

中药治疗糖尿病、肿瘤和心血管疾病的各类型临床研究

逐篇翻译

逐篇结构化评价和证据分级

经过循证医学方法评价和证据分级的临床文献及结构化摘要翻译

用Procite软件 汇总和清洗

中医药防治糖尿病、肿瘤和心血管疾病的疗效和安全性循证医学证据数据库（中英双语）

SR of RCTs on TCM

RCT鉴定

资料提取

证据评价

分析

中药治疗糖尿病、肿瘤和心血管疾病的随机对照试验的疗效系统评价报告

Platform as Technical Support to Clinical Trials

硬件建设

计算机操作平台建设；数据库管理软件和文献分析软件的配备

软件建设

中医药国际化临床试验人才交流与培养；中澳联合临床试验的开展

临床试验设计、随机化、资料采集、管理与分析

Research projects completed

2. Methodological research on TCM ('973' project funded by the MOST 2006-2011)
 - Comparative study on RCT and cohort study focusing on CHM for treatment of diabetic kidney disease to investigate feasibility, methodological implementation, outcome measure, and compliance.



Research Project ongoing

- TCM Clinical Research Capacity Building
- 1.7 millions RMB from the SATCM
- TCM trials for Cochrane CENTRAL
- Chinese versions of Cochrane SR
- Methodology guidance for CPGs in TCM



Research Project ongoing

- Chinese medicine for HIV/AIDS
- From the national natural science foundation (2017-2019)
- Data mining based on a national TCM/HIV registry since 2004



Research Projects submitted

1. Clinical Research Methodology in evaluation of TCM complex intervention from China National Natural Science Foundation
2. Sino-UK Collaborative Project on Antibiotics resistance between BUCM and Southampton University



International Collaboration



Cochrane related collaborators

- Cochrane Complementary Medicine Field, University of Maryland, USA
- Cochrane Hepato-Biliary Group, Denmark
- University of Southampton, UK
- University of London SouthBank, UK
- University of Sydney, Australia
- University of Western Sydney, Australia
- University of Tromso, NAFKAM, Norway
- RMIT University, Australia
- University of Tokyo, Japan



Cochrane related training in China

More than 30 training courses/workshops done during the past 12 years on systematic review, clinical research methodology, and qualitative research



ISCMR Workshops on Scientific Paper Writing, Peer Review and Publication in Beijing, 8-10 Nov. 2017

2017 ISCMR Workshop on Scientific Paper Writing, Peer Reviewing and Publication



Thank you!

Centre website :

<http://jichu.bucm.edu.cn/jxkyjg/lclxbxyyxtjxjys/index.htm>

