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 INCLEN
- 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
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
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
Thank you!

Centre website:
http://jichu.bucm.edu.cn/jxkyjg/lclxbxyyxtjxjys/index.htm