



12th Meeting of Consortium for Globalization of Chinese Medicine (CGCM)

Austria, August 27 - 29, 2013

ABSTRACT SUBMISSION FORM

Guidelines for Submission of Abstracts

1. You are invited to submit abstracts to the 12th CGCM Meeting.
2. To support postgraduates to attend the 12th CGCM Meeting, Travel Grants are now open for application.
3. Abstract submission deadline: **May 31, 2013 (Friday)**
4. Abstract can be submitted to centraloffice@tcmedicine.org with the abstract submission form.
5. All abstracts must be submitted in ENGLISH (including the title, abstract text, authors' names, affiliations, figures and graphs).
6. The selected abstracts will be invited for poster presentation and published in the meeting abstract book.
7. Word limit: 300 words including acknowledgement with no more than 2 tables / graphs / figures.
8. Submission of abstracts does NOT constitute registration for the Meeting. All presenters are required to make registration for the Meeting separately.

Travel Grant

Travel grants will be given to selected postgraduates to attend the 12th CGCM Meeting. Awardees will receive up to USD 500, free accommodation (shared room) and waiver of registration fee.

Apply for the Travel Grant

*** Please provide proof of student status and endorsement from supervisors.**

*** Payment method: Pay in cash (USD) onsite upon presentation of original receipt of air ticket.**

**Abstracts will be divided into the designated categories for program purpose.
Please choose one category only.**

- 1. Acupuncture
- 2. Bioinformatics and Database
- 3. Bioinformatics: Application of "Omics" in TCM Research
- 4. Clinical Investigation (please select **one** of the following)
 - Cancer, Liver Disease and Inflammation
 - Other Diseases and Safety
- 5. Education
- 6. Herbal Resources (please select **one** of the following)
 - Cultivation and Herbal Quality
 - Identification, Formulation and Manufacturing
- 7. Interregional Collaborations in Industry and Academia
- 8. Natural Products (please select **one** of the following)
 - Biological Activity
 - Cancer, Virus and Inflammation
 - Identification, Bio-transformation and Metabolism

9. Polychemical Activities and Mechanism Study (please select **one** of the following)

- Cancer, Immunomodulation inflammation
 Metabolic, Neural Diseases, Aging Process and Others
 Metabolism, Drug Interaction and Toxicity

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Abstract (300 words including acknowledgement with no more than 2 tables / graphs / figures)

Title:

Characteristics and Prescription Patterns of Traditional Chinese Medicine in Endometriosis Patients: Ten-year Experiences at a Medical Center in Taiwan

Authors:

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Content:

Background: Endometriosis is a common and chronic illness in women of reproductive age. Complementary and alternative therapies such as traditional Chinese medicine have become popular and acceptable. However, substantial scientific evidence and consensus on treating endometriosis is lacking. The aim of this study is to investigate the characteristics and utilization of traditional Chinese medicine among women with endometriosis in a medical center.

Methods: We retrospectively collected endometriosis patients at the Chang Gung Memorial Hospital between 2002 and 2011. Patients' demographic data, duration and frequency of treatment, serum cancer antigen 125 levels, and traditional Chinese medicine treatment principles and prescriptions were analyzed.

Results: Overall, 1242 subjects (6.8% of all patients with endometriosis) visited traditional Chinese medical clinics between 2002 and 2011. Among them, 38.5% (n=478) with older age, longer treatment duration, and higher levels of cancer antigen 125 chose to receive western medicinal therapy at the same time. Among the 2,176 prescriptions written for Chinese medicine, Gui-Zhi-Fu-Ling-Wan (Cinnamon Twig and Poria Pill) (20.67%) and Xiang-Fu (Cyperus Rhizoma) (5.28%) were the most frequently prescribed herbal formula and single herb, respectively. Gui-Zhi-Fu-Ling-Wan plus Long-Dan-Xie-Gan-Tang was the most frequent combination of herbal formulae (16.77%). Commonly used therapeutic principles included tonification, regulating blood, and clearing heat.

Conclusion: Our data represents the consensus of experts' knowledge and experience in regards to herbal selection for the treatment of endometriosis. Further well-designed, randomized, double-blinded, placebo-controlled clinical trials are warranted to evaluate the efficacy and safety of these drug lists.

Table 1 Demographics and characteristics of patients receiving only TCM (TCM-only users) and both TCM and WM (combination therapy)

Characteristics	TCM-only	combination therapy	P Value
No. of visits	1197	979	
No. of cases	764	478	
Age at first clinic (year)	40.41 ± 7.38	42 ± 6.50	< 0.001
< 20	0 (0.00)	1 (0.21)	
20-29	60 (7.85)	11 (2.30)	
30-39	280 (36.65)	159 (33.26)	
40-49	342 (44.76)	252 (52.72)	
50-59	80 (10.47)	55 (11.51)	
60-69	2 (0.26)	0 (0.00)	
Times of visit	1.57 ± 1.89	2.05 ± 2.98	0.002
1	599 (78.40)	306 (64.02)	
2-9	159 (20.81)	159 (33.26)	
10-19	5 (0.65)	9 (1.88)	
20-29	0 (0.00)	3 (0.63)	
≥ 30	1 (0.13)	1 (0.21)	
Duration of treatment (day)	67.82 ± 210.36	153.69 ± 371.66	< 0.001
≤ 30	627 (82.07)	332 (69.46)	
31-90	27 (3.53)	28 (5.86)	
91-180	31 (4.06)	26 (5.44)	
181-270	15 (1.96)	15 (3.14)	
271-360	14 (1.83)	13 (2.72)	
361-450	13 (1.70)	9 (1.88)	
451-540	6 (0.79)	8 (1.67)	
541-630	3 (0.39)	5 (1.05)	
631-720	4 (0.52)	4 (0.84)	
≥ 721	24 (3.14)	38 (7.95)	
Level of CA125 (U/mL)			
At the beginning of treatment	43.66 ± 51.59 (n=145)	65.51 ± 59.06 (n=63)	P=0.008
At the end of treatment	45.59 ± 25.78 (n=16)	81.44 ± 66.39 (n=39)	P=0.006
Difference	2.58 ± 21.50 (n=16)	5.26 ± 44.71 (n=39)	P=0.766

Categorical data were presented as absolute numbers and percentages (in parentheses), and continuous data were summarized as means ± standard deviations

Table 2 The top ten herbal formulae for endometriosis patients at CGMH between 2002-2011

Herbal formulae	English name	Times of prescription (%)
Gui-Zhi-Fu-Ling-Wan	Cinnamon Twig and Poria Pill	805 (20.67%)
Long-Dan-Xie-Gan-Tang	Gentiana Combination	642 (16.48%)
Jia-Wei-Xiao-Yao-San	Augmented Rambling Powder	301 (7.73%)
Zuo-Gui-Wan	Restore the Left (Kidney) Pill	254 (6.52%)
Liu-Jun-Zi-Tang	Six Gentleman Decoction	151 (3.88%)
Xiang-Sha-Liu-Jun-Zi-Tang	Six Gentlemen Decoction with Aucklandia and Amomum	134 (3.44%)
Zhi-Bo-Di-Huang-Wan	Rehmannia Pills Plus Anemarrhena and Cypress Bark	118 (3.03%)
Xue-Fu-Zhu-Yu-Tang	Persica and Carthamus Combination	92 (2.36%)
Bu-Zhong-Yi-Qi-Tang	Tonify the Middle and Augment the Qi Decoction	89 (2.28%)
Dang-Gui-Shao-Yao-San	Tangkuei and Peony Powder	89 (2.28%)

*Total number of herbal formulae = 3895

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