



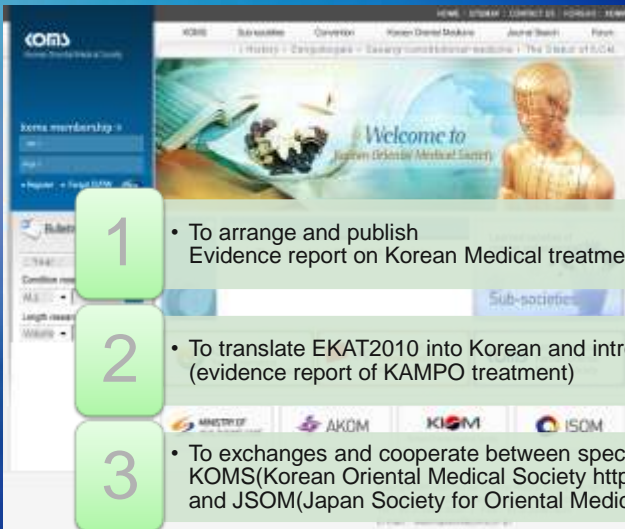
Development of Evidence Report 2010 on Korean Medical Treatment :Current Status and Future Trends

Evidence Based Traditional Medicine in East Asia 30 August 2011 (Tues.), Seoul, ROK

Ki-Ho Cho, KMD, PhD
Chair, Special Committee for EBM, KOMS
Professor, Dept. of Cardiovascular and Neurologic Diseases,
Hospital of Korean Medicine, Kyunghee Medical Center, Kyunghee University

Ho Yeon Go, KMD, PhD
Assistant Professor, Dept. of Internal Medicine
Semyung University Korean Medicine Hospital in Chungju, Semyung University

Purpose of Special Committee for EBM, KOMS



- 1 • To arrange and publish Evidence report on Korean Medical treatment
- 2 • To translate EKAT2010 into Korean and introduce to Korea. (evidence report of KAMPO treatment)
- 3 • To exchanges and cooperate between special committee for EMB, KOMS(Korean Oriental Medical Society <http://koms.or.kr>) and JSOM(Japan Society for Oriental Medicine <http://www.jsom.or.jp/>)

Constitution of Special Committee for EBM, KOMS

Chairman

- Ki-Ho Cho, KMD, PhD internal medicine

Vice chairman

- Jin Sung Kim, KMD, PhD internal medicine

Members(10)

- Ho Yeon Go, KMD, PhD internal medicine
- Jong-In Kim, KMD, PhD acupuncture and moxibustion
- Ho Jun Kim, KMD, PhD rehabilitation
- Hae Jung Nam, KMD, PhD ophthalmology, otolaryngology & dermatology
- Myeong Soo Lee, PhD Evidence based medicine
- Byung-Cheol Lee, KMD, PhD internal medicine
- Eui Ju Lee, KMD, PhD Sasang constitution medicine
- Gyu Tae Chang, KMD, PhD pediatrics
- Seong Hun Cho, KMD, PhD neuropsychiatry
- Jung Hoon Cho, KMD, PhD gynecology

Time schedule

Special Committee was organized

March
2010

Korean medical clinical articles were collected and selected

April, June
2010

The selected articles were classified by ICD 10

July~Aug.
2010

The articles were proceeded into the structured abstracts


Sep.~Oct
2010

The structured abstracts were reviewed and commented

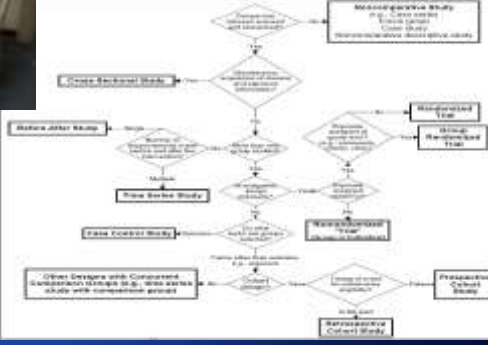
Edit & review for study design, code of disease, etc

~
today


Seminar for clinical design



16 June 2010
Professor Dr. Kim Hanlym Univ.
West(2002) method selection



Seminar between special committee of KOMS and JSOM



Development of Evident Report of Kampo Treatment (EKAT) in Japan

Workshop for development of Evidence Report on Korean Traditional Oriental Medicine
19 July 2010, Seoul, ROK

Kiichiro Tsutani, MD, PhD
津谷 嘉一郎
Dept. of Drug Policy and Management, Graduate School of Pharmaceutical Sciences, the University of Tokyo

How to Write Evidence Reports: Study Design

EBM workshop at Korea
July 18, 2010

Koki Tsuruoka, M.D., Ph.D.
Director of Tsukagata Clinic,
Division of the Community and Family Medicine,
Saito Medical University, (Saito)

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19, July, 2010
special committee of KOMS and
Kiichiro Tsutani, Koki Tsuruoka in JSOM

Collection and Selection Criteria for Articles

1

- reported by Korean medical doctors

2

- Domestic articles in Korean Medicine
- registered journals by NRFK(National Research Foundation of Korea)
- candidated journals for registration by NRFK

3

- International articles
- screened by PUBMED, Cochrane Review

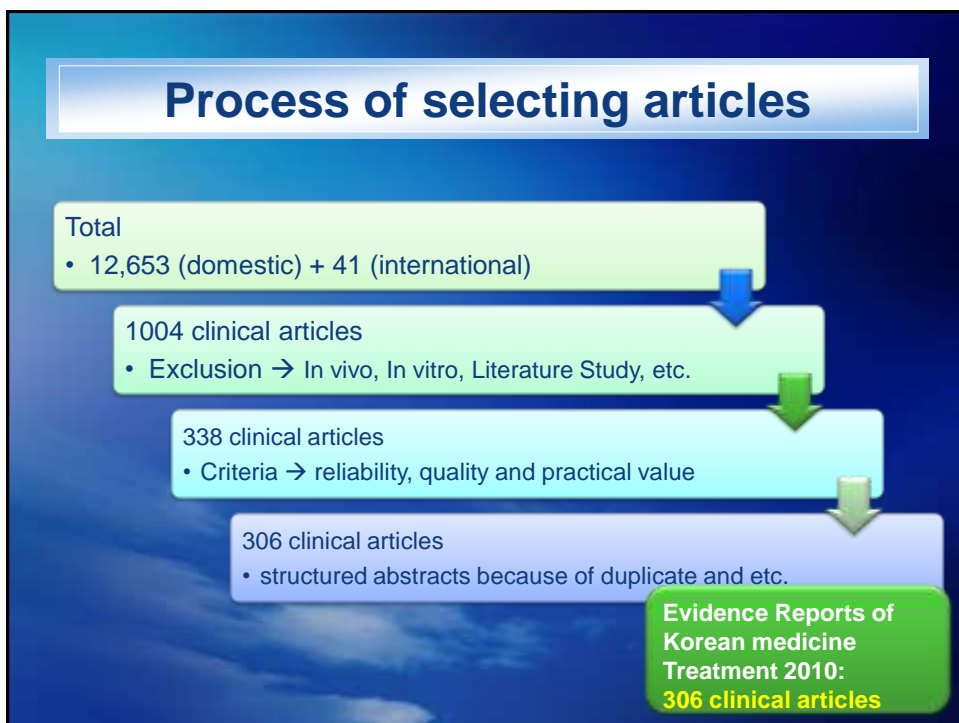
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- Period
- Form first issue to March, 2010

Referred Journals related Korean medicine in Korea

J. Kor. AM-Meridian & Pointology Soc. 經絡經穴學會	• 430
Korean J. Oriental Physiology & Pathology 東醫生理病理學會	• 1,985
Korean J. Orinet. Int. Med. 韓方內科學會	• 1,370
J. Of Kor. Oriental Oncology 大韓癌韓醫學會	• 125
The Korean Journal of Joongpoong 大韓中風學會	• 47
J. of . Oriental. Chr. Dis. 大韓韓方成人病學會	• 180
The Journal of Korean Acupuncture & Moxibustion Society 大韓鍼灸學會	• 1695
Journal of Pharmacopuncture 大韓藥鍼學會	• 356
J Korean Oriental Pediatrics 大韓韓方小兒科學會	• 558
The Journal of Oriental Obstetrics & Gynecology 大韓韓方婦人科學會	• 899
Journal of Society of Korean Medicine for Obesity Research 大韓韓方肥滿學會	• 130
J. of Kor. Oriental medical ophthalmology, otolaryngology & dermatology 大韓韓方眼耳鼻喉皮膚科學會	• 705
J. Of Oriental Medical Thermology 大韓韓方體熱醫學會	• 46
J Korean Oriental Med. 大韓韓醫學會	• 2195
J. Of Oriental Neuropsychiatry 東醫神經精神科學會	• 503
J of Sasang Constitutional Medicine 四象體質醫學會	• 789
J Oriental Rehab Med 韓方再活醫學科學會	• 640

17
journals12,653
articles

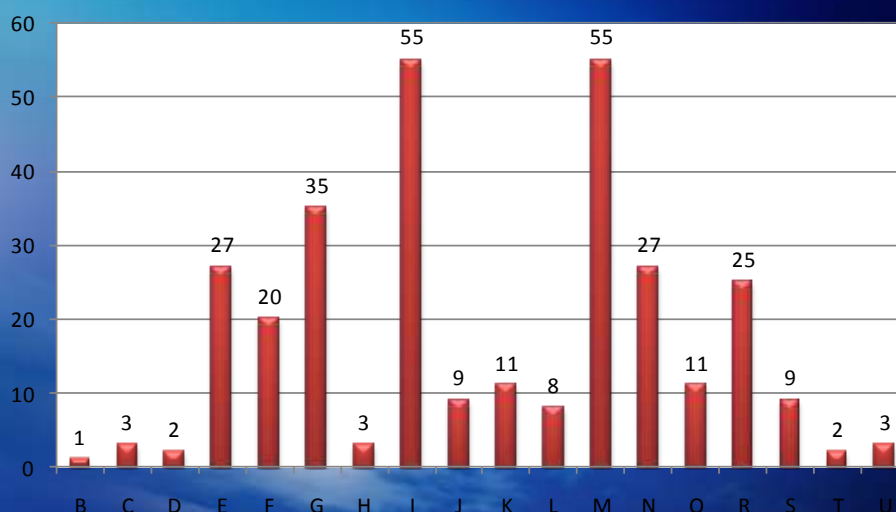


Selected Clinical articles in Korean Medicine

N(%)

classification	First selection	2 nd selection	3 rd selection
Randomized Controlled Trial	182(18.1)	143(42.3)	132(43.1)
Quarsi RCT	11(1.1)	7(2.1)	7(2.3)
Nonrandomized study	94(9.4)	41(12.1)	37(12.1)
Controlled before and after study	57(5.7)	22(6.5)	13(4.2)
Before and after study	366(36.5)	89(26.3)	92(30.1)
Case-Control study	40(4.0)	2(0.6)	6(2.0)
Case report	118(11.8)	19(5.6)	14(4.6)
Etc.	136(13.5)	15(4.4)	5(1.6)
Sum	1,004(100)	338(100)	306(100)

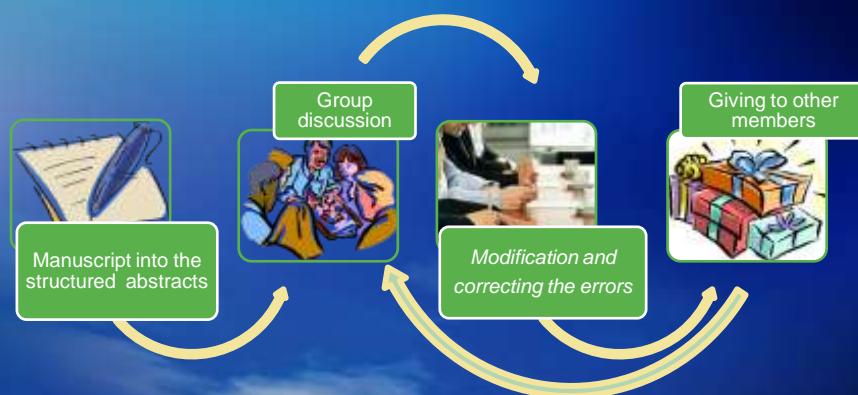
Classification by ICD 10



Distribution by design and ICD code

	Case report	Before after study	Controlled before after study	Case control study	Cohort study	Non- randomized study	Quarsi RCT	RCT	Sum
B	1								1
C			1					2	3
D			1					1	2
E	1	14	3	1		2		6	27
F		14		1		4		1	20
G	3	9		3		7	1	12	35
H	1	1						1	3
I		9	4		5	8	2	27	55
J		4				1		4	9
K	2	2						7	11
L		4						4	8
M	2	8	3			7	1	34	55
N	3	12	1				1	10	27
O	1	1			1	5	2	1	11
R		9	2			2		12	25
S,T		1		1				9	11

Confirming the structured abstracts



Form of the structured abstract

Eight standard items by Altman, et al.*

- Objectives
- Design
- Setting
- Participants
- Intervention
- main outcome measures
- main results
- Conclusions

Three additional items

- safety assessment in the literature
- abstractor's comments
- name of abstractor and date

Cf) EKAT 2010
+ Kampo medicine
perspective

*Altman DG, Gardner MJ. More informative abstracts. *Ann Intern Med* 1987; 107(5): 790-1

Differences of the intervention on RCT between Evidence Reports 2010 of Korean medical and Kampo treatment

Evidence Reports of
Korean medicine
Treatment 2010: **132 RCTs**

Evidence Reports of
Kampo treatment 2010:
345 RCTs

Acupuncture • 69(52%)

Herb drug • 27(20%)

Kampo 345 RCT

etc • 27(20%)

moxibustion • 6(6%)

Acup+other • 1(1%)

Acup+herb • 1(1%)

Nega • 1(1%)

Differences in the distribution of disease on RCT

Code of disease	Evidence Reports of Korean medicine Treatment 2010: 132 RCTs		Evidence Reports of Kampo treatment 2010: 345 RCTs	
	N	%	N	%
A,B Certain infectious and parasitic diseases			18	6%
C Neoplasms	2	2%	34	10%
D Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	1	1%	14	4%
E Endocrine, nutritional and metabolic diseases	6	5%	10	3%
F Mental and behavioural disorders	1	1%	10	3%
G Diseases of the nervous system	12	9%	9	3%
H Diseases of the ear and mastoid process	1	1%	10	3%
I Diseases of the circulatory system	27	20%	12	4%
J Diseases of the respiratory system	4	3%	42	13%
K Diseases of the digestive system	7	5%	49	15%
M Diseases of the musculoskeletal system and connective tissue	34	26%	19	6%
L Diseases of the skin and subcutaneous tissue	4	3%	13	4%
N Diseases of the genitourinary system	10	8%	30	9%
O Pregnancy, childbirth and the puerperium	1	1%	11	3%
R Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	12	9%	19	6%
S,T Injury, poisoning and certain other consequences of external causes	9	7%	2	1%
U etc	1	1%	26	8%

Special Committee for EBM, KOMS

Significances

- To raise interests of EBM among Korean medical doctors
- To make the structured abstracts on Korean medicine for the first time
- To promote academic exchange between special committees of EBM, KOMS and JSOM

Limits

- Excluding many other journals which are not registered by National Research Foundation of Korea
- Not mentioned the reasons for *disqualification of the rule-out papers*

Results

Evidence Reports of
Kampo treatment
2010:
345 RCTs



근거중심의 **한방** 처방

Ekat 2010(Evidence reports of Kampo treatment) was translated into Korean and **published in Korea.**

Evidence Reports of
Korean medicine
Treatment 2010:
306 clinical articles

Language : Korean

Evidence Reports of
Korean medicine
Treatment 2010:
132 RCTs

Language : English

132 RCTs of Korean medicine were translated into english by special committee for EBM KOMS and JSOM task force team.

It will be published

It will be published

Thank you!!!



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