

# Misconducts of Journal Articles Publishing

Experiences of Korea for  
Improving Publication Ethics

*Chang Kok Hahm, MD*

*Seoul, KOREA*

# KAMJE

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**KoMCI**

Korean Medical Citation Index.

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Journals in KoMCI

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## About

Bylaws

Committee

## Members

Member Journals

## Database Services

KoreaMed

Synapse

## News & Events

\* Synapse: Supplementary Material **New**

\* KoreaMed LinkOut: Journal of Minimally Invasive Surgery **New**

\* SCOPUS: Diabetes & Metabolism Journal **New**

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## Resources

KAMJE Publications

Icons

**KOREAN EDITION**

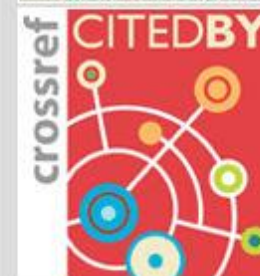
## Journals participating in:



## KAMJE Journals

236 journals as of August 05, 2014

- Allergy, Asthma & Immunology Research Allergy Asthma Immunol Res (OA-nc) [i](#)
- Allergy, Asthma & Respiratory Disease Allergy Asthma Respir Dis (OA-nc) [i](#)
- Asia Pacific Allergy Asia Pac Allergy (OA-nc) [i](#)
- Anatomy & Cell Biology Anat Cell Biol (OA-nc) [i](#)
- Anesthesia and Pain Medicine Anesth Pain Med [i](#)
- Annals of Clinical Microbiology Ann Clin Microbiol (OA-nc) [i](#)
- Annals of Coloproctology Ann Coloproctol (OA-nc) [i](#)
- Annals of Dermatology Ann Dermatol (OA-nc) [i](#)
- Annals of Laboratory Medicine Ann Lab Med (OA-nc) [i](#)
- Annals of Occupational and Environmental Medicine Ann Occup Environ Med (OA-nc) [i](#)
- Annals of Pediatric Endocrinology & Metabolism Ann Pediatr Endocrinol Metab (OA-nc) [i](#)
- Annals of Rehabilitation Medicine Ann Rehabil Med (OA-nc) [i](#)
- Archives of Aesthetic Plastic Surgery Arch Aesthetic Plast Surg [i](#)
- Archives of Craniofacial Surgery Arch Craniofac Surg (OA-nc) [i](#)
- Archives of Plastic Surgery Arch Plast Surg (OA-nc) [i](#)
- Asian Nursing Research Asian Nurs Res [i](#)



# Prior to ethics Committee

- **Publication Ethics Committee since 2006**
- **A few ethic consultations mainly about duplicate publication from mid-1990**

# Hwang-gate 2005-11



## Hwang-gate: Lessons for Science Governance

Herbert Gottweis [*Department of Political Science/Life Science Governance Research Institute, University of Vienna*]

Presentation at the **ESF-ORI First World Conference on RESEARCH INTEGRITY: FOSTERING RESPONSIBLE RESEARCH, Lisboa, September 16-19, 2007.**

\*I am grateful to Byoungsoo Kim for research support

# KAMJE

## Committee for Publication Ethics

- **Started in 2006**
- **Symposiums**
- **Ethical Consultations**
- **Publications : Articles and Books**

# Study about the Incidence of Duplicate Publication

- ❖ On 2007-10
- ❖ Articles indexed in KoreaMed, published in 2004
- ❖ Randomly selected 5 % (455/9030)
- ❖ Suspicious articles : 49 (by 1 librarian)
- ❖ Reviewed by 3 experts
- ❖ Duplicate publication : 27/455 (5.93 %)
- ❖ Published on Journal of Korean Medical Science, 2008

■ BRIEF COMMUNICATION ■

## Duplicate Publications in Korean Medical Journals Indexed in KoreaMed

Duplicate publication is considered unethical. It has several negative impacts. To estimate the frequency and characteristics of duplicate publications in Korean medical journals, we reviewed some portion of Korean journal articles. Among 9,030 articles that are original articles indexed in KoreaMed from January to December 2004, 455 articles (5%) were chosen by random sampling. PubMed, Google scholar, KMBase, and KoreaMed were searched by two librarians. Three authors reviewed titles, abstracts, and full text of index articles and suspected articles independently. Point of disagreement were reconciled by discussion. Criteria for a duplicate publication defined by editors of cardiothoracic journals and International Committee of Medical Journal Editors were used. A total of 455 articles were evaluated, of which 27 (5.93%) index articles were identified with 29 duplicate articles. Among 27 index articles, 1 was quadruple publication and 26 were double publications. Of 29 duplicated articles, 19 were classified as copy, 4 as fragmentation, and 6 as dis-aggregation. The proportion of duplicate publications in Korean medical journals appears to be higher than expected. Education on publication ethics to researchers is needed.

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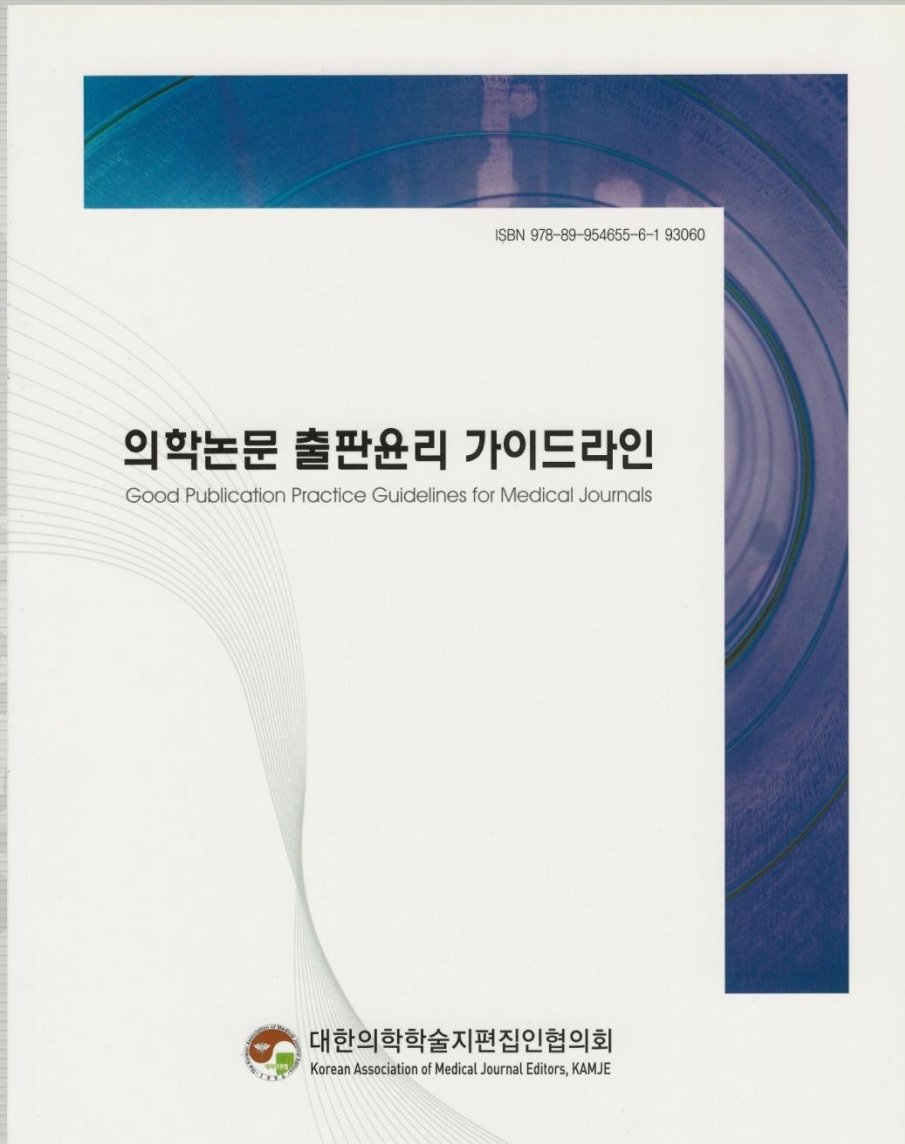
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Key Words : Duplicate Publication as Topics; Korea; Periodicals as Topic; Publishing



# Good Publication Practice Guidelines for Medical Journals 2008-03



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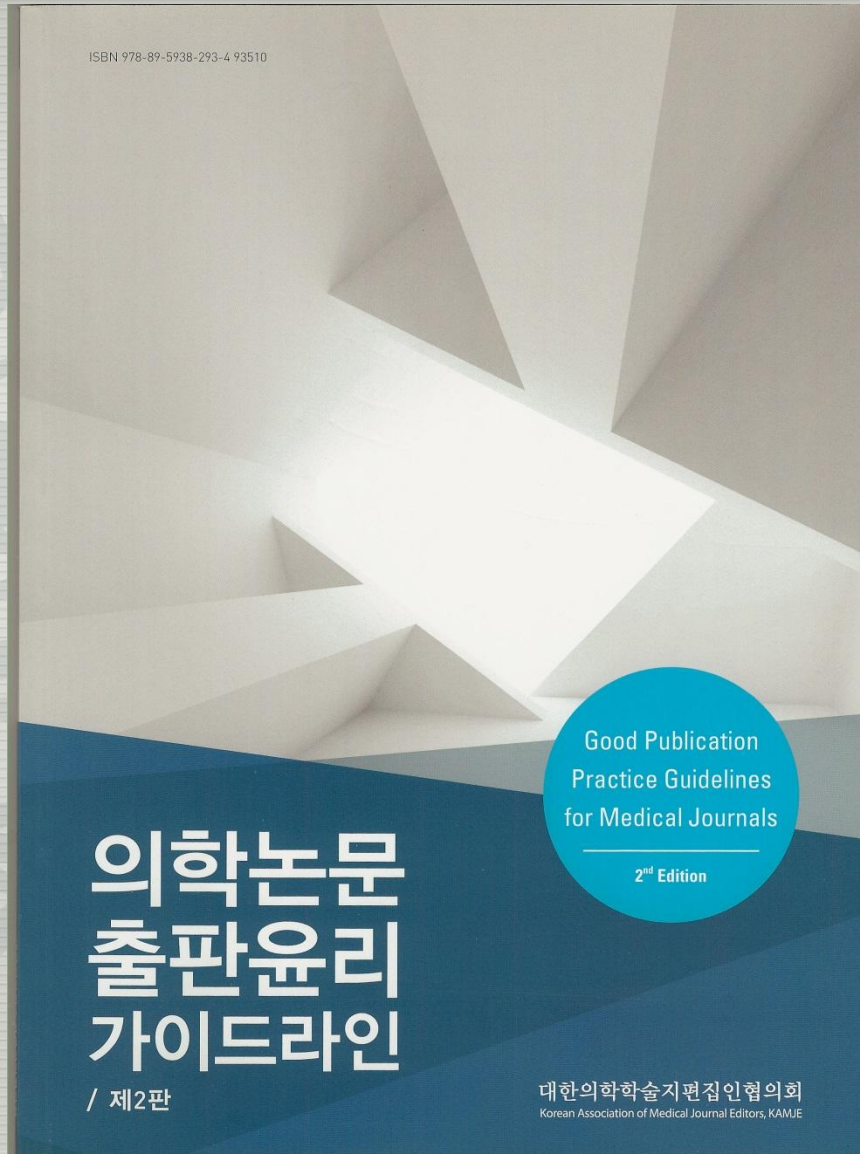
## 의학논문 출판윤리 가이드라인

Good Publication Practice Guidelines for Medical Journals



대한의학학술지편집인협회  
Korean Association of Medical Journal Editors, KAMJE

# Good Publication Practice Guidelines for Medical Journals (2<sup>nd</sup> ED) 2013-03



[http://dx.doi.org/10.5082/duplicate\\_publication.2011.7](http://dx.doi.org/10.5082/duplicate_publication.2011.7)

# Sample Cases of Duplicate Publication

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Chong-Woo Bae, Soo Young Kim, Sun Huh, Chang-Kok Hahm

배종우, 김수영, 허선, 함창국

2011-08

| 의학논문 중복출판 사례집 |

KAMJE  
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- 
- **32 cases of Duplicate Publication**
  - **23 cases of Questions and Answers**

**Table 4-1. Classification of duplicate publication from sampled papers in KoreaMed from 2004 to 2008**

	Category	Case number
<b>1</b>	<b>Copy</b>	
1-1	Complete copy with different language	1, 2, 3, 4
1-2	Complete copy with same language	5, 6
1-3	Copy with some modification with different language	7, 8, 9, 10
1-4	Copy with some modification with same language	11, 12, 13
<b>2</b>	<b>Salami publication</b>	
2-1	Salami publication with divided sample number	14
2-2	Salami publication with divided outcome	15, 16, 17, 18, 19
<b>3</b>	<b>Imalas publication</b>	
3-1	Imalas publication with extended sample number or extended study periods	20, 21, 22, 23, 24, 25, 26
3-2	Imalas publication with added hypothesis	27, 28
3-3	Imalas publication with extended sample number or extended study periods, and added hypothesis	29, 30
<b>4</b>	<b>Others</b>	
4-1	Reverse imalas	31
4-2	Not classified as above	32

# Continuous Study about Incidence of Duplicate Publication

- **Articles published 2004 to 2009 (6 years)**
- **Same Methods**
  - **5 % of articles**
  - **Same season (Oct. 2007-2012)**
  - **3 Reviewers + 1 Librarian**
- **Published on Journal of Korean Medical Science, 2014**



## Duplicate Publication Rate Decline in Korean Medical Journals

Soo Young Kim,<sup>1,\*</sup> Chong-Woo Bae,<sup>2,\*</sup>  
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The purpose of this study was to examine trends in duplicate publication in Korean medical articles indexed in the KoreaMed database from 2004 to 2009, before and after a campaign against scientific misconduct launched by the Korean Association of Medical Journal Editors in 2006. The study covered period from 2007 to 2012; and 5% of the articles indexed in KoreaMed were retrieved by random sampling. Three authors reviewed full texts of the retrieved articles. The pattern of duplicate publication, such as copy, salami slicing (fragmentation), and aggregation (imalas), was also determined. Before the launching ethics campaign, the national duplication rate in medical journals was relatively high: 5.9% in 2004, 6.0% in 2005, and 7.2% in 2006. However, duplication rate steadily declined to 4.5% in 2007, 2.8% in 2008, and 1.2% in 2009. Of all duplicated articles, 53.4% were classified as copies, 27.8% as salami slicing, and 18.8% as aggregation (imalas). The decline in duplicate publication rate took place as a result of nationwide campaigns and monitoring by KoreaMed and KoreaMed Synapse, starting from 2006.

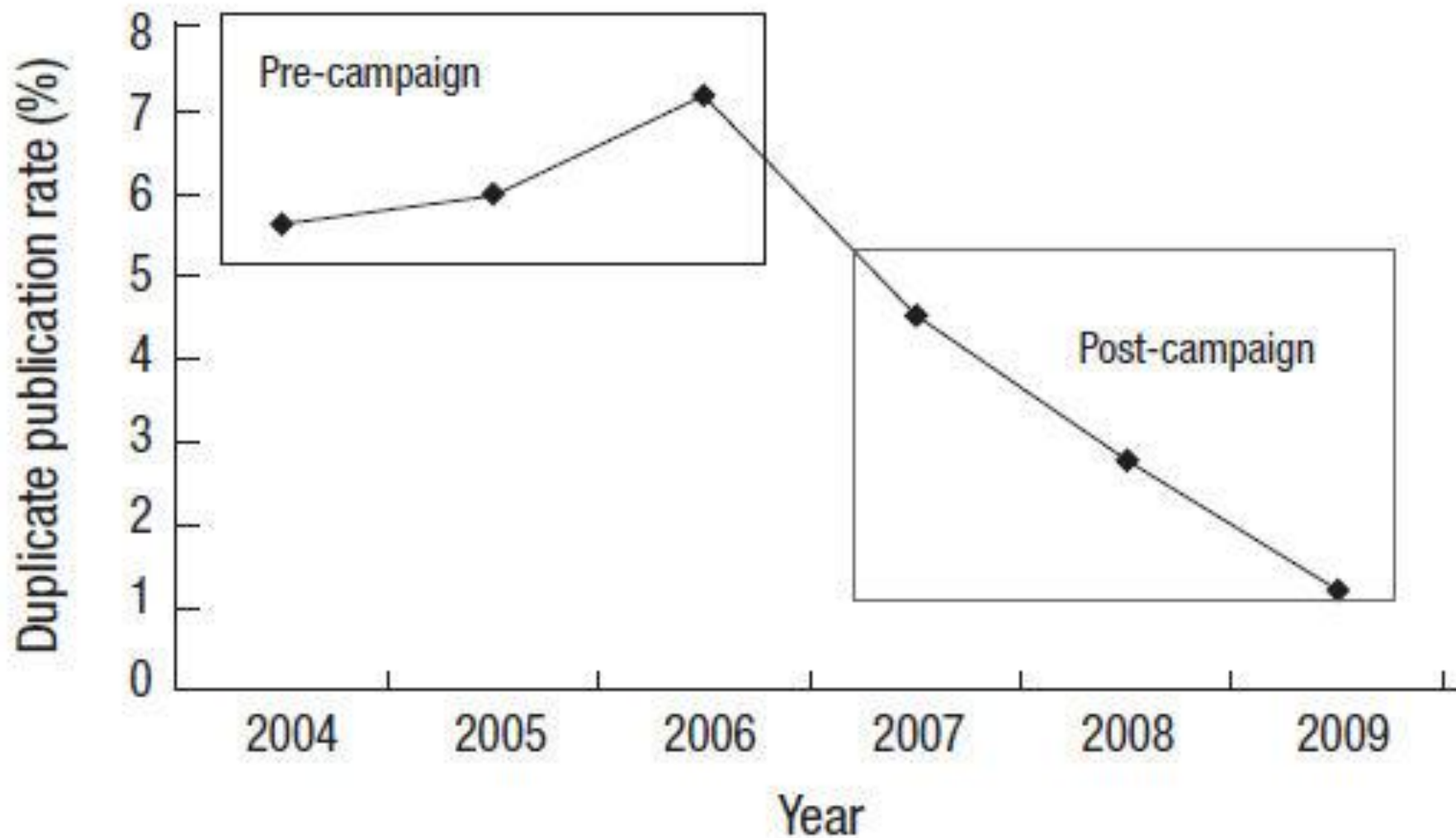
**Keywords:** Publishing Ethics; Duplicate Publication as Topic; Periodicals as Topic; Trends; Korea

**Table 2.** Duplicate publication rates in Korean medical journals (2004-2009)

Parameters	Screened articles by year						
	2004	2005	2006	2007	2008	2009	Total
Screened articles*	455	467	460	462	466	505	2,815
Suspicious articles <sup>†</sup>	49	46	43	38	19	23	218
Duplicate articles <sup>‡</sup>	27	28	33	21	13	6	12.8
Duplicate publication rates (%)	5.9	6.0	7.2	4.5	2.8	1.2	4.5

\*5% of articles were chosen by random sampling from original articles indexed in KoreaMed. <sup>†</sup>According to at least one expert (librarian). <sup>‡</sup>Finally confirmed as duplicates.





**Fig. 2.** The campaign for preventing duplicate publications started in 2006, and the duplication rate decreased from 2007-2009 as compared to 2004-2006. KAMJE, Korean Association of Medical Journal Editors.

# Publication Ethics Guideline : Q & A 2014-03

ISBN 978-89-5938-312-2

## 출판윤리 가이드라인 : Q&A 사례분석

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- MEDLINE 등재: Journal of Gynecologic Oncology **New**
- PubMed Central 등재: Annals of Pediatric Endocrinology & Metabolism **New**

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## Journal Evaluation

국내 의학학술지 평가기준  
ICMJE 권고안

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Resources for Editors  
아이콘 모음


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머리말 


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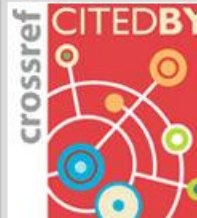
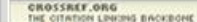
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제3장 중복출판, 이차출판 


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제4장 분절출판 

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