

# KoreaMed와 Synapse 발전 방향

이 춘 실  
숙명여대 문헌정보학과  
KAMJE 정보관리위원

# Agenda

- Introduction to KAMJE Databases
- *What's new in 2010?*
- Future Plans
- Recommendations

# INTRODUCTION TO KAMJE DATABASES



KAMJE  
KOREAN ASSOCIATION  
OF MEDICAL  
JOURNAL EDITORS

# KoreaMed

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Korean Medical  
Journal Information

- Enter one or more search terms.
- Enter author names as hong kd. Initials are optional.
- Enter journal titles in full or as MEDLINE abbreviations. Use the [Journal Browser](#) to find journal titles.

**KoreaMed**, a service of the Korean Association of Medical Journal Editors (KAMJE), provides access to articles published in Korean medical journals. Its current coverage is focused on the literature published since 1997. KoreaMed includes links to many sites providing full text articles.

**KoreaMed LinkOut**  
KoreaMed LinkOut is a feature to provide users with links from KoreaMed to relevant Korean medical journal websites providing full text articles.

**KoreaMed Retro**  
KoreaMed Retro is an extended service to provide access to articles published in Korean medical journals before 1997. To participate in KoreaMed Retro, editors should submit XML files confirming to KoreaMed DTD to KAMJE.

**KoreaMed Central**  
KoreaMed Central is to assist journal publishers to establish and maintain websites providing full-text journals online. Please contact KAMJE to participate in this program.

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 A Digital Archive & Reference Linking Platform of Korean Medical Journals 

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- Annals of Dermatology Ann Dermatol | 1013-9087
- Asian Spine Journal Asian Spine J | 1976-1902
- Cancer Research and Treatment Cancer Res Treat | 1598-2998
- Chonnam Medical Journal Chonnam Med J | 0377-9564
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- Electrolytes & Blood Pressure Electrolytes Blood Press | 1738-5997
- Endocrinology and Metabolism Endocrinol Metab | 2093-596X
- Epidemiology and Health Epidemiol Health | 2092-7193

  
  
  
  
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Powered by KoreaMed

**KoMCI Web**  
General Search  
Cited Reference Search  
Journal Browser

**KoMCI Journal Web**

**About**

**Korean Medical Citation Index Project**  
In March 2001, Korean Academy of Medical Sciences (KAMS) initiated the Korean Medical Citation Index (KoMCI) project. It publishes annual citation reports which analyze citations among articles published in Korean journals in medicine and its related fields.  
In analyzing and providing citation data, KoMCI deals only with Korean journal literature cited in Korean medical journals. KoMCI generates journal impact factors and various other bibliometric indicators using the resources.  
Launched in March 2003, KoMCI Web provides seamless access to information from over 110 Korean medical research journals with complete bibliographic data, cited reference data and direct links to the KoMCI journal websites for full text viewing. KoMCI Journal Web which provides citation analysis data of Korean medical journals began online service in September 2006. [more](#)

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**Korean Medical Journal Information**

KAMJE KoreaMed Synapse KoMCI

**Search for a Specific Journal**  
Search by Journal Title, Journal Abbreviation, Title in Korean or ISSN.

Select

**Subject Category Selection**  
Select one or more categories from the list.

Acoustics  
Allergy  
Anatomy & Morphology  
Andrology  
Anesthesiology

KAMJE KoreaMed Synapse KoMCI

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# Databases provided by KAMJE

- Cover Korean medical journals
- Information in English
- All information Free/Open Access
  
- Included in [WorldWideScience.org](http://WorldWideScience.org)  
Operated by ICSTI (International Council for Scientific and Technical Information)



## KoreaMed

- Since 1997
- Abstracts
- PubMed equivalent
- PubMed XML compatible
- 168 journals
- Over 172,000 records
- LinkOut to Synapse & Journal web sites (119js.)
- CrossRef/DOI linking
- Cited-by (CrossRef KoMCI) linking

## Synapse

- Since 2007
- Full texts
- PMC equivalent
- PMC XML compatible
- 88 journals
- Over 24,000 records
- LinkOut to KoreaMed & Journal web sites
- DOI linking platform
- Cited-by (CrossRef KoMCI) linking

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KoMCI.org

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KAMS Korean Academy of Medical Sciences, Director KoreaMed Synapse Korean Medical Journal Information

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journals.koreamed.org/ Google

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**Search for a Specific Journal**  
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Search Clear

**Subject Category Selection**  
 Select one or more categories from the list.

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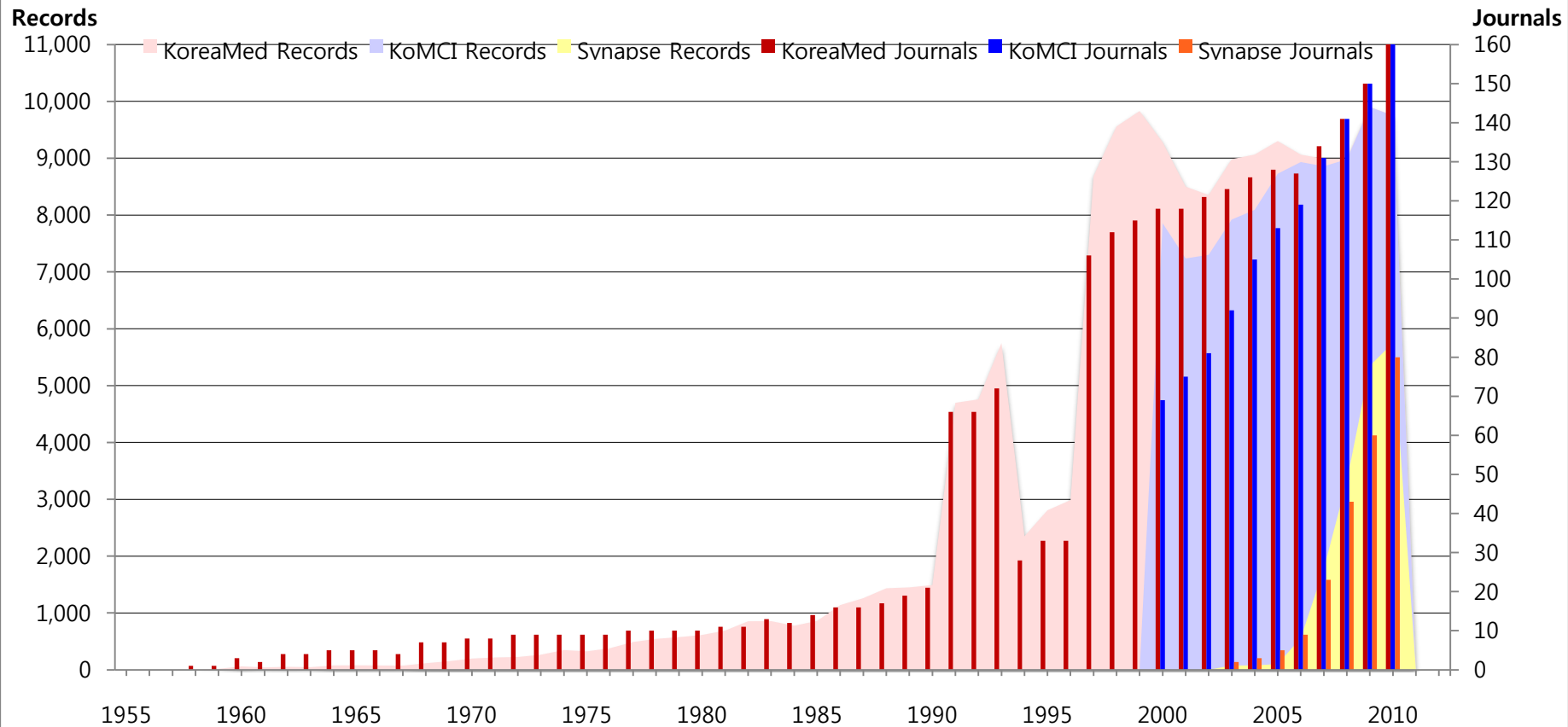
## KoMCI

- Since 2000
- Abstracts & Cited References
- Web of Science & JCR equivalents
- 168 journals
- Over 10,000 records & 200,000 references
- LinkOut to Synapse & Journal web site
- CrossRef/DOI linking
- Cited-by (KoMCI) linking

## Korean Medical Journal Info.

- Since 2008
- Journal bibliographic information
- NLM's Journals database equivalent
- Over 700 journals
- Over 3,000 records (journal title changes)
- LinkOut to KoreaMed, Synapse & Journal web site
- CrossRef/DOI linking
- Journal Holding Info





**Nos. of journals and records covered in KAMJE databases**

# KAMJE databases are

- Internally integrated
  - 3 different (KoreaMed, Synapse & KoMCI) services originating from a database
  - Journal DB for set-up & check-up journal info.
- Created by Synapse XML files
  - Confirm to PMC journal XML files
  - Synapse XML=PMC XML

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1. *J Korean Med Sci*. 2005 Dec;20(6):913-925. English. doi: 10.3346/jkms.2005.20.6.913.



## Diagnosis and Treatment of Nontuberculous Mycobacterial Pulmonary Diseases: A Korean Perspective.

Koh WJ, Kwon OJ, Lee KS.

Division of Pulmonary and Critical Care Medicine, Department of Medicine, Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, Korea.

ojkwon@smc.samsung.co.kr

Department of Radiology and Center for Imaging Science, Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, Korea.

### Abstract

The incidence of pulmonary disease caused by nontuberculous mycobacteria (NTM) appears to be increasing worldwide. In Korea, *M. avium* complex and *M. abscessus* account for most of the pathogens encountered, whilst *M. kansasii* is a relatively uncommon cause of NTM pulmonary diseases. NTM pulmonary disease is highly complex in terms of its clinical presentation and management. Because its clinical features are indistinguishable from those of pulmonary tuberculosis and NTMs are ubiquitous in the environment, the isolation and identification of causative organisms are mandatory for diagnosis, and some specific diagnostic criteria have been proposed. The treatment of NTM pulmonary disease depends on the infecting species, but decisions concerning the institution of treatment are never easy. Treatment requires the use of multiple drugs for 18 to 24 months. Thus, treatment is expensive, often has significant side effects, and is frequently not curative. Therefore, clinicians should be confident that there is sufficient pathology to warrant prolonged, multidrug treatment regimens. In all of the situations, outcomes can be best optimized only when clinicians, radiologists, and laboratories work cooperatively.

- This article has been cited by 17 articles in [Synapse](#) [Crossref](#)
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### Publication Types:

- Review
- Research Support, Non-U.S. Gov't

### MeSH Terms:

- [Anti-Bacterial Agents/therapeutic use](#)
- [Female](#)
- [Humans](#)
- [Korea](#)
- [Lung Diseases/diagnosis\\*](#)
- [Lung Diseases/drug therapy](#)
- [Lung Diseases/microbiology](#)
- [Male](#)
- [Mycobacterium Infections, Atypical/diagnosis\\*](#)
- [Mycobacterium Infections, Atypical/drug therapy](#)
- [Mycobacterium Infections, Atypical/microbiology](#)
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- [Mycobacterium avium-intracellulare Infection/drug therapy](#)
- [Mycobacterium avium-intracellulare Infection/microbiology](#)
- [Research Support, Non-U.S. Gov't](#)

### Author Keywords:

- [Antibiotics, Antitubercular](#)
- [Diagnosis](#)
- [Korea](#)
- [Mycobacteria, Atypical](#)
- [Mycobacterium abscessus](#)
- [Mycobacterium avium Complex](#)
- [Mycobacterium kansasii, Epidemiology](#)

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Journal List > Korean Circ J > v.38(7); Jul 2008

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Korean Circ J. 2008 Jul;38(7):343-350.  
 Published online 2008 July 31. doi: 10.4070/kcj.2008.38.7.343.  
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### Measurements of Arterial Stiffness: Methodological Aspects

Moo-Yong Rhee, MD<sup>1</sup>, Hae-Young Lee, MD,<sup>2</sup> and Jeong Bae Park, MD<sup>3</sup>

<sup>1</sup>Department of Internal Medicine, Dongguk University College of Medicine, Gyeongju, Korea.

<sup>2</sup>Department of Internal Medicine, Seoul National University Hospital, Seoul, Korea.

Email: <sup>3</sup> Department of Medicine/Cardiology, Cheil General Hospital, Kwandong University College of Medicine, Seoul, Korea.

<sup>Correspondence:</sup> Moo-Yong Rhee, MD, Department of Internal Medicine, Cardiovascular Center, Dongguk University International Hospital, 814 Siksa-dong, Ilsandong-gu, Goyang 410-773, Korea. Tel: 82-31-961-7125, Fax: 82-31-961-7785, Email: mooyong\_rhee@duh.org

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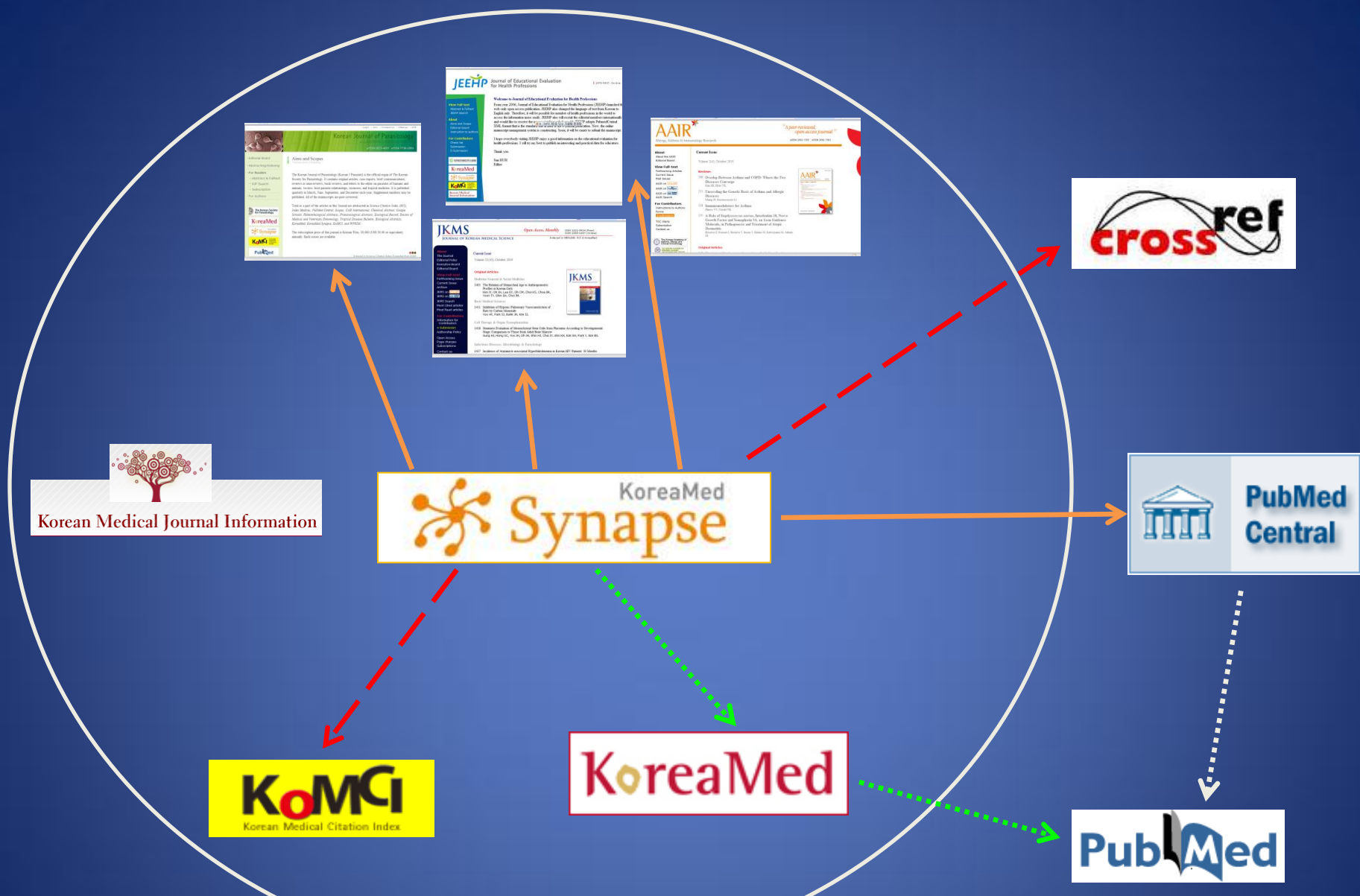
### Abstract

A significant association between increased arterial stiffness and the development of cardiovascular disease has led to the increased use of arterial stiffness in the clinical assessment of cardiovascular risk. Various methods are currently available. With advances in technology, the assessment methods have become easy to use and more acceptable to patients. However, the different techniques that are available measure arterial stiffness at different locations and have unique indices for arterial stiffness. For the appropriate assessment of arterial stiffness, accurate and reproducible measurements of arterial stiffness are essential. Here we review the methodological aspects of the measurement of arterial stiffness and provide information on the measurement methods available and their clinical applications.

**Keywords:** Arteries, Elasticity, Atherosclerosis, Risk factors.

### Introduction

Blood pressure is largely influenced by cardiac contraction, large artery stiffness and the reflection of peripheral waves. During systole, cardiac contraction propels blood flow through the arterial system and this generates pressure waves that are propagated to all of the arteries in the body. When the pressure waves reach branch points, or sites of impedance mismatch, the



Synapse & its byproduct/derivative databases

- KoreaMed/KoMCI journals: 168
- Synapse/CrossRef (DOI) journals: 88
- PMC journals: 38 + 3



**WHAT'S NEW IN 2010?**

# Overall

- Redesigned Interfaces
  - Journal Browser/Abstract Record
  - Various hypertext links/Color enhancements
- Figures & Tables are added to KoreaMed
  - Integrated with Synapse
- MeSH indexing
- Cited by/Citing articles
  - Cited by Synapse/CrossRef
  - Cited by KoMCI
  - Cited by SCI

- Search Words Auto Completion
- Google considerations (Googlebot access)
  - Meta tags
  - Unique ID/Open URL
  - Article/Issue/Journal level
- Korean Medical Journal Information DB
  - Fields added
  - Non-KoreaMed journals added

# It turns out to be

- All things added up to prepare for/adapt to mobile services smoothly & easily



- Mobile Voice Access/Search in implementation

# Journal Browser

- The same layouts for KoreaMed, Synapse, and KoMCI
- Intuitive and easy understanding of a title change history
- One journal XML for 4 KAMJE databases

**KoreaMed**

As of May 17, 2010, there are 161 journals.

ALL A-I J K L-Z

- **Annals of Dermatology**(Ann Dermatol, 1013-9087)  
Began publication in 1989. Merger of: Korean Journal of Investigative D
- **Asian Spine Journal**(Asian Spine J, 1976-1902)  
Began publication in 2007.
- **Cancer Research and Treatment**(Cancer Res Treat, 1598-2998)  
Began publication in 1966. Title changed from Journal of the
- **Chonnam Medical Journal**(Chonnam Med J, 0377-9564)  
Began publication in 1964.

Journal Browser  
(Old format)

**Synapse** KoreaMed  
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- Allergy, Asthma and Immunology Research Allergy Asthma Immunol Res | 2092-7355
- Anatomy & Cell Biology Anat Cell Biol | 2093-3665
- Annals of Dermatology Ann Dermatol | 1013-9087
- Asian Spine Journal Asian Spine J | 1976-1902
- Cancer Research and Treatment Cancer Res Treat | 1598-2998
- Chonnam Medical Journal Chonnam Med J | 0377-9564
- Clinical and Experimental Otorhinolaryngology Clin Exp Otorhinolaryngol | 1976-8710
- Clinics in Orthopedic Surgery Clin Orthop Surg | 2005-291X
- Electrolyte & Blood Pressure Electrolyte Blood Press | 1738-5997 - now published as Electrolytes & Blood Pressure Electrolytes Blood Press | 1738-5997

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- Allergy, Asthma and Immunology Research Allergy Asthma Immunol Res | 2092-7355
- Anatomy & Cell Biology Anat Cell Biol | 2093-3665
- Anesthesia and Pain Medicine Anesth Pain Med | 1975-5171
- Annals of Dermatology Ann Dermatol | 1013-9087
- Asian Nursing Research Asian Nurs Res | 1976-1317
- Asian Spine Journal Asian Spine J | 1976-1902
- Cancer Research and Treatment Cancer Res Treat | 1598-2998
- Chonnam Medical Journal Chonnam Med J | 0377-9564
- Clinical Pediatric Hematology-Oncology Clin Pediatr Hematol-Oncol | 1975-2881
- Clinical and Experimental Otorhinolaryngology Clin Exp Otorhinolaryngol | 1976-8710
- Clinics in Orthopedic Surgery Clin Orthop Surg | 2005-291X
- Electrolyte & Blood Pressure Electrolyte Blood Press | 1738-5997 - now published as Electrolytes & Blood Pressure Electrolytes Blood Press | 1738-5997
- Electrolytes & Blood Pressure Electrolytes Blood Press | 1738-5997
- Endocrinology and Metabolism Endocrinol Metab | 2093-596X
- Epidemiology and Health Epidemiol Health | 2092-7193
- Experimental Neurobiology Exp Neurobiol | 1226-2560
- Experimental and Molecular Medicine Exp Mol Med | 1226-3613
- Genomics & Informatics Genomics Inform | 1598-866X
- Gut and Liver Gut Liver | 1976-2283
- Hanyang Medical Reviews Hanyang Med Rev | 1738-429X
- Healthcare Informatics Research Healthc Inform Res | 2093-3681
- Immune Network Immune Netw | 1598-2629
- Infection and Chemotherapy Infect Chemother | 1976-2283
- International Neurology Journal Int Neurorol J | 2093-4777
- Intestinal Research Intest Res | 1598-9100
- The Journal of Advanced Prosthodontics J Adv Prosthodont | 2005-7806
- Journal of Agricultural Medicine & Community Health J Agric Med Community Health | 1738-9577
- Journal of Asthma, Allergy and Clinical Immunology J Asthma Allergy Clin Immunol | 1226-8739
- Journal of Bacteriology and Virology J Bacteriol Virol | 1598-2467
- Journal of Breast Cancer J Breast Cancer | 1738-6756
- Journal of Cardiovascular Ultrasound J Cardiovasc Ultrasound | 1975-4612
- Journal of Clinical Neurology J Clin Neurol | 1738-6586
- Journal of Clinical Pathology and Quality Control J Clin Pathol Qual Control | 1225-097X - now published as Laboratory Medicine and Quality Assurance J Lab Med Qual Assur | 1225-097X
- Journal of Educational Evaluation for Health Professions J Educ Eval Health Prof | 1975-5937
- Journal of Gastric Cancer J Gastric Cancer | 2093-582X
- Journal of Genetic Medicine J Genet Med | 1226-1769
- Journal of Gynecologic Oncology J Gynecol Oncol | 2005-0380
- Journal of Korean Academy of Adult Nursing J Korean Acad Nurs | 2005-3673
- Journal of Korean Academy of Nursing Administration J Korean Acad Nurs Admin | 2005-3673
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- Journal of Asthma, Allergy and Clinical Immunology J Asthma Allergy Clin Immunol | 1226-8739
- Journal of Bacteriology and Virology J Bacteriol Virol | 1598-2467
- Journal of Breast Cancer J Breast Cancer | 1738-6756
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Journal List > Korean Diabetes J

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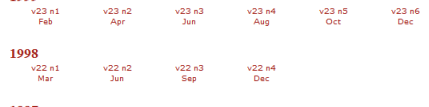
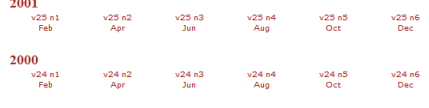
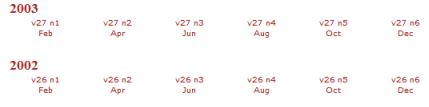
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**The Journal of Korean Diabetes Association:** 1972 (v1 n1) to 2007 (v31 n6)  
pISSN 1015-6461

**Korean Diabetes Journal: 2008 (v32 n1) to Present**



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Journal List > Korean J Pathol

**Journal History**

**The Korean Journal of Pathology:** 2004 (v38 n1) to Present.  
Merger of: The Korean Journal of Cytopathology in 2009.  
pISSN 1738-1843 eISSN 2092-8920

**The Korean Journal of Cytopathology:** 1990 (v1 n1) to 2008 (v19 n2).  
Merged into: The Korean Journal of Pathology in 2009.  
pISSN 1017-0391

**The Korean Journal of Pathology:** 2004 (v38 n1) to Present.  
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**2010**



**2009**



**The Korean Journal of Cytopathology:** 1990 (v1 n1) to 2008 (v19 n2).  
Merged into: The Korean Journal of Pathology in 2009.

**2008**



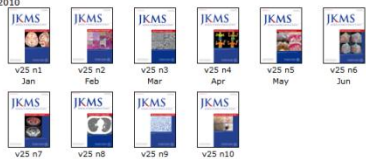
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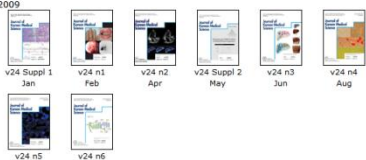
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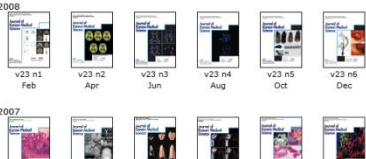
**2010**



**2009**



**2008**



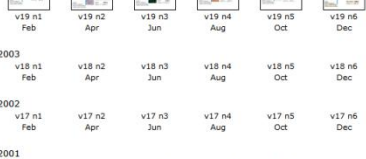
**2007**



**2006**



**2005**



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1: *Yonsei Med J.* 2001 Apr;42(2):155-160. English.

Full text article at [www.ymj.org](http://www.ymj.org)

### Effects of smoking on the mortality of lung cancer in Korean men.

**Kim IS, Jee SH, Ohrr H, Yi SW.**

Department of Preventive Medicine and Public Health, Graduate School of Health Science and Management, Yonsei University, Seoul, Korea.  
Department of Epidemiology and Disease Control, Graduate School of Health Science and Management, Yonsei University, Seoul, Korea. [jsunha@yumc.yonsei.ac.kr](mailto:jsunha@yumc.yonsei.ac.kr)

Few studies have examined the effects of smoking on the morbidity and mortality of lung cancer in Korean men. In Korea, where the prevalence of smoking is among the highest in the world, the morbidity and mortality of lung cancer are rapidly escalating. The objectives of this study were to prospectively examine the effects of smoking on lung cancer and to determine the combined effects of the amount, duration and age that smoking was started. The design was a prospective cohort study with a follow-up period of six years (1993-1998). The subjects included a total of 305,687 Korean men from 35 to 64 years of age who received health insurance from the Korea Medical Insurance Corporation and who had biennial medical evaluations in 1992. The main outcome measures were deaths from lung cancer. As a baseline, 58.2% were current cigarette smokers. Between 1993 and 1998, 891 lung cancer events (34.4/100,000 people per year) occurred. In multivariate Cox proportional hazards models controlling for age, exercise and alcohol use, current smoking increased the risk of lung cancer (risk ratio [RR], 5.6; 95% confidence interval [CI], 4.2 - 7.3). There were significant dose-response relationships to the amount, duration of smoking and age that smoking was started. Compared with nonsmokers, the RR from current smokers who smoked 20 cigarettes per day for over 30 years was 8.2 (5.9 - 11.3), the RR from current smokers who smoked for over 30 years and were less than 19 years of age when they started smoking was 7.8 (5.2 - 11.9), and the RR for those who smoke 20 cigarettes per day and were less than 19 years of age when they started smoking was 8.3 (5.9 - 11.6). This study demonstrates that in Korea smoking is a major independent risk factor for lung cancer, and that the risk increases with an increased amount, longer duration, and younger starting age.

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1: Kim IS, et al. Effects of smoking on ...

IS - 0513-5796  
VI - 42  
IP - 2  
DP - 2001 Apr  
TI - Effects of smoking on the mortality of lung cancer in Korean men.  
PG - 155-160  
AB -

Few studies have examined the effects of smoking on the morbidity and mortality of lung cancer in Korean men. In Korea, where the prevalence of smoking is among the highest in the world, the morbidity and mortality of lung cancer are rapidly escalating. The objectives of this study were to prospectively examine the effects of smoking on lung cancer and to determine the combined effects of the amount, duration and age that smoking was started. The design was a prospective cohort study with a follow-up period of six years (1993-1998). The subjects included a total of 305,687 Korean men from 35 to 64 years of age who received health insurance from the Korea Medical Insurance Corporation and who had biennial medical evaluations in 1992. The main outcome measures were deaths from lung cancer. As a baseline, 58.2% were current cigarette smokers. Between 1993 and 1998, 891 lung cancer events (34.4/100,000 people per year) occurred. In multivariate Cox proportional hazards models controlling for age, exercise and alcohol use, current smoking increased the risk of lung cancer (risk ratio [RR], 5.6; 95% confidence interval [CI], 4.2 - 7.3). There were significant dose-response relationships to the amount, duration of smoking and age that smoking was started. Compared with nonsmokers, the RR from current smokers who smoked 20 cigarettes per day for over 30 years was 8.2 (5.9 - 11.3), the RR from current smokers who smoked for over 30 years and were less than 19 years of age when they started smoking was 7.8 (5.2 - 11.9), and the RR for those who smoke 20 cigarettes per day and were less than 19 years of age when they started smoking was 8.3 (5.9 - 11.6). This study demonstrates that in Korea smoking is a major independent risk factor for lung cancer, and that the risk increases with an increased amount, longer duration, and younger starting age.

AD - Department of Preventive Medicine and Public Health, Graduate School of Health Science and Management, Yonsei University, Seoul, Korea.  
AD - Department of Epidemiology and Disease Control, Graduate School of Health Science and Management, Yonsei University, Seoul, Korea. [jsunha@yumc.yonsei.ac.kr](mailto:jsunha@yumc.yonsei.ac.kr)

AU - Kim IS  
FAU - Kim, Il Soon  
AU - Jee SH  
FAU - Jee, Sun Ha  
AU - Ohrr H  
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MH - Time Factors  
KW - Lung cancer  
KW - smoking  
KW - mortality  
TA - Yonsei Med J  
SO - Yonsei Med J. 2001 Apr;42(2):155-160.



1. *J Korean Med Sci*. 2004 Apr;19(2):195-201. English. doi: 10.3346/jkms.2004.19.2.195.



## Prevalence of the Metabolic Syndrome and Its Association with Cardiovascular Diseases in Korea.

Kim MH, Kim MK, Choi BY, Shin YJ.

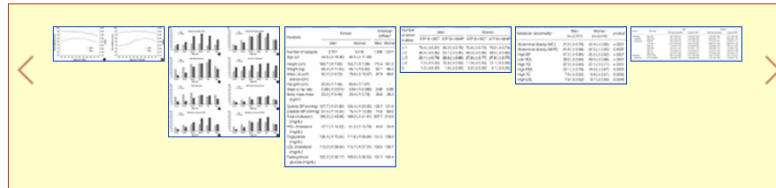
Department of Preventive Medicine, Eulji University School of Medicine, Daejeon, Korea.  
Department of Preventive Medicine, Hanyang University College of Medicine, Seoul, Korea. yshin@hanyang.ac.kr

### Abstract

This study aimed to estimate nationwide prevalence of the metabolic syndrome and to identify its association with cardiovascular diseases. The data on a national representative sample of 6,147 adults from 1998 Korea National Health and Nutrition Survey were analyzed. The syndrome was determined according to two kinds of modified definition from ATP III, in which abdominal obesity was determined by waist circumference (WC) standard for Asians and waist-to-hip ratio (WHR). Based on the former, prevalence was 22.1% in men and 27.8% in women. However, based on the latter, prevalence was 28.6% and 27.8%, respectively. Although age-specific prevalence was higher in men than in women among the younger group, it became higher in women among the older group because of its steeper rise with age. In multiple logistic regression, the syndrome was found to be positively associated with cardiovascular diseases (adjusted odds ratios (ORs) 1.97 by WC and 1.48 by WHR in men, and 1.54 and 1.31 in women). Moreover, its effect size exceeded that of total cholesterol (adjusted ORs 1.21 in men, and 1.08 in women) or LDL cholesterol (1.58 in men and 1.22 in women). It is obvious that the metabolic syndrome prevails in Korea, and its importance regarding cardiovascular diseases is considerable. Prevention strategies should be implemented immediately to avoid cardiovascular epidemic in the near future.

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- [Korea/epidemiology](#)
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- [Metabolic Syndrome X/epidemiology\\*](#)
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- [Body Constitution](#)
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- [Metabolic Syndrome X](#)
- [Prevalence](#)
- [Waist hip ratios](#)

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## Bibliometrics Review of the Korean Journal of Urology from 1960 to 2008: Trends and Future Directions.

Yang SK, Kim SJ, Park K.

Department of Urology, College of Medicine, Konkuk University, Chungju,  
Department of Urology, Ajou University College of Medicine, Suwon, Korea  
Department of Urology, Chonnam National University Medical School, Seou  
uropark@gmail.com

### Abstract

**PURPOSE:** To identify chronologic trends and characteristics, and to gain some insight into the future of the Korean Journal of Urology (KJU), all articles published in the KJU over the past 5 decades were analyzed. **RESULTS:** Of the entire 6,730 articles published in the KJU were classified according to publication content (experimental articles, clinical articles), and 8 genitourinary fields: oncology, urology, andrology, nephrology, pediatric urology, urological radiology, urinary tract infection (UTI), sexual dysfunction/infertility, pediatric urology, and urological surgery. **CONCLUSIONS:** The proportion of original articles, which constituted 79.5%. Articles in the field of oncology constituted the largest proportion (20.4%) of the total articles. The number of articles in the field of oncology showed an increasing trend, but the UTI field showed a decreasing trend. The fields of sexual dysfunction/infertility and voiding dysfunction/female urology began to increase in the 1990s. The percentage of experimental articles, which was 8.4% in the 1970s, and 9.0% in the 1980s, increased to 20.4% in the 1990s. Recently, the KJU was registered in some international journal databases in recognition of its scientific excellence. **CONCLUSIONS:** These results make up an index reflecting academic and practicing performances in urology. We hope that the KJU will soon be recognized as one of the high-quality international peer-reviewed journals.

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Images from this publication. 5 figures and 3 tables.

Full Text



### Publication Types:

- Review

### MeSH Terms:

- Female
- Humans

### Author Keywords:

- Bibliometrics
- Korea
- Publications
- Urology

Table 1

The number of articles in the Korean Journal of Urology according to the publication types during the last 5 decades

Chronology	Original articles (%) <sup>a</sup>	Case reports (%)	Review articles (%)	Total
1960s	134 (62.6)	80 (37.4)	0 (0)	214
1970s	377 (62.2)	228 (37.6)	1 (0.2)	605
1980s	997 (63.2)	580 (36.8)	0 (0)	1,577
1990s	1,711 (77.2)	501 (22.6)	3 (0.1)	2,215
2000s	1,684 (79.5)	410 (19.4)	24 (1.1)	2,118
Total	4,903 (72.9)	1,799 (26.7)	28 (0.4)	

<sup>a</sup>p<0.01 by score test for trend

Korean J Urol. 2009 Aug; 50(8):731-738.  
doi: 10.4111/kju.2009.50.8.731

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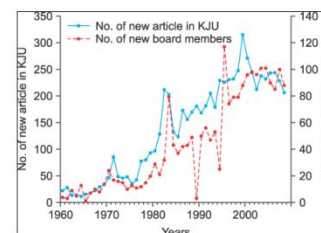


Fig. 1

Growth and correlation of the number of articles in the Korean Journal of Urology (KJU) compared with the number of new board members in the Korean Urological Association.

Korean J Urol. 2009 Aug; 50(8):731-738.  
doi: 10.4111/kju.2009.50.8.731

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1. *J Korean Med Sci*. 2005 Dec;20(6):913-925. English. doi: 10.3346/jkms.2005.20.6.913.



### Diagnosis and Treatment of Nontuberculous Mycobacterial Pulmonary Diseases: A Korean Perspective.

**Koh WJ, Kwon OJ, Lee KS.**

Division of Pulmonary and Critical Care Medicine, Department of Medicine, Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, Korea.

oikwon@smc.samsung.co.kr

Department of Radiology and Center for Imaging Science, Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, Korea.

#### Abstract

The incidence of pulmonary disease caused by nontuberculous mycobacteria (NTM) appears to be increasing worldwide. In Korea, *M. avium* complex and *M. abscessus* account for most of the pathogens encountered, whilst *M. kansasii* is a relatively uncommon cause of NTM pulmonary diseases. NTM pulmonary disease is highly complex in terms of its clinical presentation and management. Because its clinical features are indistinguishable from those of pulmonary tuberculosis and NTMs are ubiquitous in the environment, the isolation and identification of causative organisms are mandatory for diagnosis, and some specific diagnostic criteria have been proposed. The treatment of NTM pulmonary disease depends on the infecting species, but decisions concerning the institution of treatment are never easy. Treatment requires the use of multiple drugs for 18 to 24 months. Thus, treatment is expensive, often has significant side effects, and is frequently not curative. Therefore, clinicians should be confident that there is sufficient pathology to warrant prolonged, multidrug treatment regimens. In all of the situations, outcomes can be best optimized only when clinicians, radiologists, and laboratories work cooperatively.

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11. *J Korean Med Sci.* 2004 Feb;19(1):1-7. English. doi: 10.3346/jkms.2004.19.1.1.

**JKMS** **Open Access**

### Molecular Motor Proteins of the Kinesin Superfamily Proteins (KIFs): Structure, Cargo and Disease.

Seong DH, Lee DH, Lee SK.

Department of Microbiology, College of Medicine, Inje University, Busan, Korea. daehyun@ijn. inje.ac.kr  
Department of Psychiatry, College of Medicine, Inje University, Busan, Korea.

**Abstract**  
Intracellular organelle transport is essential for morphogenesis and functioning of the cell. Kinesins and kinesin-related proteins make up a large superfamily of molecular motors that transport cargoes such as vesicles, organelles (e.g. mitochondria, peroxisomes, lysosomes), protein complexes (e.g. elements of the cytoskeleton, virus particles), and mRNAs in a microtubule- and ATP-dependent manner in neuronal and non-neuronal cells. Until now, more than 45 kinesin superfamily proteins (KIFs) have been identified in the mouse and human genomes. Elucidating the transport pathways mediated by kinesins, the identities of the cargoes moved, and the nature of the proteins that link kinesin motors to cargoes are areas of intense investigation. This review focuses on the structure, the binding partners of kinesins and kinesin-based human diseases.

● Publication Types:  
● MeSH Terms:  
● Author Keywords:

12. *Yonsei Med J.* 2004 Feb;45(1):1-6. English.

**YMJ**

### Anesthetic Considerations for the HIV-Infected Pregnant Patient.

Kuczkowski KM.

8

SHOW 10:21

We undertook a multi-hospital collective study to evaluate outcomes of neonatal respiratory distress syndrome (RDS) patients treated with pulmonary surfactant (PS) over 17 yr in Korea (Group I; 1990/91, Group II; 1996, Group III; 2002, and Group IV; 2007). There were 60 neonates in Group I (16 hospitals), 1,179 in Group II (64), 1,595 in Group III (62), and 1,921 in Group IV (57). We adopted Bomsel's classification to evaluate initial chest radiographic findings, categorized RDS severities, and classified response types to PS therapy. Almost all cases were treated using a single dose in Groups I and II, but 19.5% received multiple-dose therapy in Group IV. In Group IV, Bomsel's stages III and IV composed 62.9% and initial severities of mild, moderate, and severe RDS were 23.0%, 42.0%, and 35.0%. More infants showed good response in Groups II, III, and IV than in Group I (71.7%, 66.8%, and 69.2% vs. 58.3%). Complications and mortality rate were lower in Group IV than in Groups I, II, and III (mortality rate: 14.3% vs. 40.0%, 30.0%, and 18.7%). We conclude that PS therapy in neonates with RDS had a remarkable impact on improving clinical course and outcomes over 17 yr in Korea.

● Publication Types:  
● MeSH Terms:  
● Author Keywords:

- Birth Weight
- Female
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- Humans
- Infant, Newborn
- Infant, Premature, Diseases/epidemiology
- Infant, Premature, Diseases/mortality
- Infant, Premature, Diseases/pathology
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- Respiratory Distress Syndrome, Newborn/mortality
- Respiratory Distress Syndrome, Newborn/pathology
- Respiratory Distress Syndrome, Newborn/therapy\*
- Treatment Outcome

13. *J Korean Med Sci.* 2009 Dec;24(6):895-1003. English. doi: 10.3346/jkms.2009.24.6.895.

**JKMS** **Open Access**

### Cancer Statistics in Korea: Incidence, Mortality and Survival in 2005.

Jung KW, Won YJ, Park S, Kong HJ, Sung J, Shin HR, Park EC, Lee JS.

7

**Molecular Motor Proteins of the Kinesin Superfamily (KIFs): Structure, Cargo and Disease.**

Seog DH, Lee DH, Lee SK.  
Department of Microbiology, College of Medicine, Seoul National University, Seoul, Korea. daehyun@ijnc.inje.ac.kr  
Department of Psychiatry, College of Medicine, Inje University, Gyeongsang, Korea.

**Abstract**  
Intracellular organelle transport is essential for the function of the cell. Kinesins and kinesin-related proteins are a family of molecular motors that transport cargoes such as mitochondria, peroxisomes, lysosomes, protein complexes, the cytoskeleton, virus particles, and mRNAs in a microtubule-dependent manner in neuronal and non-neuronal cells. The 45 kinesin superfamily proteins (KIFs) have been identified in human genomes. Elucidating the transport pathways and identities of the cargoes moved, and the nature of the molecular motors to cargoes are areas of intense research interest. In this review, we discuss the structure, the binding partners of kinesins, and the cargoes transported by kinesins.

- Publication Types:
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- Author Keywords:

**Anesthetic Considerations for the Resection of Hepatic Tumors.**  
Kuczkowski KM.

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1. *Allergy Asthma Immunol Res.* 2010 Jul;2(3):172-176. English. doi: 10.4168/aa.2010.2.3.172.

**Evolution of Asthma Concept and Effect of Current Asthma Management Guidelines.**

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**A Case of Meropenem-Resistant *Ochrobactrum anthropi* Bacteremia.**  
Kim GM, Jin SJ, Yoo JS, Kim CO, Choi JY, Kim JM, Song YG.  
Department of Internal Medicine, Yonsei University College of Medicine, Seoul, Korea. imfell@yuhs.ac

**Abstract**

Medical Center, Sungkyunkwan University, Seoul, Korea. hklm@sme.samsung.co.kr

the best option as potentially curative, radiofrequency thermal ablation has been shown to be an effective minimally invasive resectable malignant hepatic tumors. equipped with a powerful generator to generate thermal lesions, up to 5 cm in diameter. In this article, the author reviews the clinical results obtained with

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1. *J Korean Med Sci.* 2005 Dec;20(6):913-925. English. doi: 10.3346/jkms.2005.20.6.9



## Diagnosis and Treatment of Nontuberculous Mycobacterial Pulmon...

Koh WJ, Kwon OJ, Lee KS.

Division of Pulmonary and Critical Care Medicine, Department of Medicine, Samsung M  
ojkwon@smc.samsung.co.kr  
Department of Radiology and Center for Imaging Science, Samsung Medical Center, Su

### Abstract

The incidence of pulmonary disease caused by nontuberculous mycobacteria (NTM) ap  
account for most of the pathogens encountered, whilst *M. kansasii* is a relatively uncomm  
terms of its clinical presentation and management. Because its clinical features are indist  
environment, the isolation and identification of causative organisms are mandatory for dia  
NTM pulmonary disease depends on the infecting species, but decisions concerning the  
18 to 24 months. Thus, treatment is expensive, often has significant side effects, and is fr  
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## Clinical Characteristics and Prognostic Factors of Patients with Severe Pulmon...

Lee WS, Kim KH, Jeong DH, Lee KH, Hong SN, Park HW, Kim JH, Ahn YK,

The Heart Center of Chonnam National University Hospital, Chonnam National University Research In

### Abstract

BACKGROUND AND OBJECTIVES: The aim of this study was to investigate the clinical character  
hypertension (PHT). SUBJECTS AND METHODS: A total of 169 patients with severe PHT (systolic  
were divided into two groups according to the mortality during 2.8+/-2.2 year clinical follow-up period  
group II (survived group, 135 patients, 57.2+/-16.9 years, 65 males). The clinical, electrocardiographi  
most common etiologies were valvular heart disease (VHD)(n=55: 32.9%), pulmonary thromboemboli  
common presenting clinical symptoms were dyspnea on exertion, leg edema, cough and chest discomf  
[95% confidence interval (CI) 2.065-221.168, p=0.010], atrial fibrillation (AF)(95% CI 1.014-10.16  
1.011-4.545, p=0.047) were significantly associated with the prognosis. CONCLUSION: VHD was s  
at presentation, the presence of AF and low LVEF at presentation were the significant predictors of m

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16. Kang JO, Kim EC, Lee KM, Lee NY, Lee CG. Surveillance for respiratory virus testing situation in Korea and epidemiology for the respiratory viruses detected in 5 university hospitals. Korean J Clin Microbiol 2007;10:102-108.

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17. Yoon KH, Cho JH. Detection of respiratory viruses in children by multiplex reverse transcriptase PCR, direct immunofluorescence assay, and shell vial culture. Korean J Clin Microbiol 2009;12:110-115.

KoreaMed

18. Roh KH, Kim J, Nam MH, Yoon S, Lee CK, Lee K, et al. Comparison of the Seeplex reverse transcription PCR assay with the R-mix viral culture and immunofluorescence techniques for detection of eight respiratory viruses. Ann Clin Lab Sci 2008;38:41-46.

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19. Kim KH, Lee JH, Sun DS, Kim YB, Choi YJ, Park JS, et al. Detection and clinical manifestations of twelve respiratory viruses in hospitalized children with acute lower respiratory tract infections: focus on human metapneumovirus, human rhinovirus and human coronavirus. Korean J Pediatr 2008;51:834-841.

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20. Canducci F, Debiaggi M, Sampaolo M, Marinuzzi MC, Berre S, Terulla C, et al. Two-year prospective study of single infections and co-infections by respiratory syncytial virus and viruses identified recently in infants with acute respiratory disease. J Med Virol 2008;80:716-723.

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## Radiofrequency Thermal Ablation of Hepatocellular Carcinomas.

Lim HK.

Department of Radiology, Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, Korea. hklim@smc.samsung.co.kr

### Abstract

Although surgical resection remains the best option as potentially curative therapy for hepatocellular carcinoma, radiofrequency thermal ablation has begun to receive much attention as an effective minimally invasive therapy for the local control of unresectable malignant hepatic tumors. Most recent radiofrequency devices with a powerful generator and larger needle electrode permit larger thermal lesions, up to 5 cm in diameter. In this article, the author reviews the technical developments and early clinical applications of radiofrequency ablation techniques.

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*Korean J Radiol.* 2009 Aug;10(4):365-376. English.
2. Chang S, Kim SH, Lim HK, Lee WJ, Choi D, Kim YS, Rim H.  
Needle Tract Implantation after Percutaneous Interventional Procedures in Hepatocellular Carcinomas: Lessons Learned from a 10-year Experience.  
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## Measurements of Arterial Stiffness: Methodological Aspects

Moo-Yong Rhee, MD<sup>1</sup>, Hae-Young Lee, MD,<sup>2</sup> and Jeong Bae Park, MD<sup>3</sup>

<sup>1</sup>Department of Internal Medicine, Dongguk University College of Medicine, Gyeongju, Korea.

<sup>2</sup>Department of Internal Medicine, Seoul National University Hospital, Seoul, Korea.

Email: <sup>3</sup>Department of Medicine/Cardiology, Cheil General Hospital, Kwandong University College of Medicine, Seoul, Korea.

Correspondence: Moo-Yong Rhee, MD, Department of Internal Medicine, Cardiovascular Center, Dongguk University International Hospital, 814 Siksa-dong, Ilsandong-gu, Goyang 410-773, 82-31-961-7125, Fax: 82-31-961-7785, Email: mooyong\_rhee@dongu.org

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A significant association between increased arterial stiffness and the development of cardiovascular disease has led to the increased use of arterial stiffness in the clinical assessment of cardiac risk. Various methods are currently available. With advances in technology, the assessment have become easy to use and more acceptable to patients. However, the different techniques available measure arterial stiffness at different locations and have unique indices for arterial stiffness. For the appropriate assessment of arterial stiffness, accurate and reproducible measurement of arterial stiffness are essential. Here we review the methodological aspects of the measurement of arterial stiffness and provide information on the measurement methods available and their clinical applications.

**Keywords:** Arteries, Elasticity, Atherosclerosis, Risk factors.

## Introduction

Blood pressure is largely influenced by cardiac contraction, large artery stiffness and reflection of peripheral waves. During systole, cardiac contraction propels blood flow through the arterial system and this generates pressure waves that are propagated to all of the organs in the body. When the pressure waves reach branch points, or sites of impedance mismatch,

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2. Effects of Acute Resistance Exercise on Arterial Stiffness in Young Men

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## Diagnosis and Treatment of Nontuberculous Mycobacterial Pulmonary Diseases: A Korean Perspective

Won-Jung Koh, O Jung Kwon<sup>✉</sup>, and Kyung Soo Lee<sup>\*</sup>

Division of Pulmonary and Critical Care Medicine, Department of Medicine, Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, Korea.

<sup>\*</sup>Department of Radiology and Center for Imaging Science, Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, Korea.

<sup>✉</sup>Address for correspondence: O Jung Kwon, M.D. Division of Pulmonary and Critical Care Medicine, Department of Medicine, Samsung Medical Center, Sungkyunkwan University School of Medicine, 50 Irwon-dong, Gangnam-gu, Seoul 135-710, Korea. Tel: +82-2-3410-3429, Fax: +82-2-3410-3849, Email: [ojkwon@smc.samsung.co.kr](mailto:ojkwon@smc.samsung.co.kr)

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2. Usefulness of Multiplex Real-Time PCR and Melting Curve Analysis in Identification of Nontuberculous Mycobacteria

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Korean J Lab Med. 2007;27(1):40. doi: 10.3346/jkml.2007.27.1.40.

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3. A novel identification scheme for genus Mycobacterium, mycobacteria species of human clinical impact

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4. Mycobacterium abscessus activates the macrophage innate functional interaction between TLR2 and dectin-1

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5. In Vitro Antimicrobial Susceptibility of Mycobacterium at Park S, Kim S, Park EM, Kim H, Kwon OJ, Chang CL, Lee J Korean Med Sci. 2008;23(1):49. doi: 10.3346/jkms.2008.23.1.49.

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- 2. Chung HS, Ki CS, Lee JH, Lee NY. Evaluation of Combined Use of Bact/ALERT 3D Liquid Culture System and PCR-RFLP for Detection and Identification of Mycobacteria from Bronchial Specimens. Korean J Clin Microbiol. 2009 Mar;12(1):37-42. Korean.
- 3. Kwak SY, Rhee SY, Yun WK, Kim MY, Kim YJ, Choi MK, Koh WJ. Mycobacterium abscessus pulmonary infection accompanied with pleural effusion. Korean J Med. 2008 Oct;75(4):475-478. Korean.
- 4. Koh WJ, Kim YH, Kwon OJ, Choi YS, Kim K, Shim YM, Kim J. Surgical Treatment of Pulmonary Diseases Due to Nontuberculous Mycobacteria. J Korean Med Sci. 2008 Jun;23(3):397-401. English.
- 5. Park S, Kim S, Park EM, Kim H, Kwon OJ, Chang CL, Lee WJ, Park YK, Koh WJ. In Vitro Antimicrobial Susceptibility of Mycobacterium abscessus in Korea. J Korean Med Sci. 2008 Feb;23(1):49-52. English.
- 6. Koh WJ, Kwon OJ. Diagnosis and treatment of nontuberculous mycobacterial lung disease. Korean J Med. 2008 Feb;74(2):120-131. Korean.
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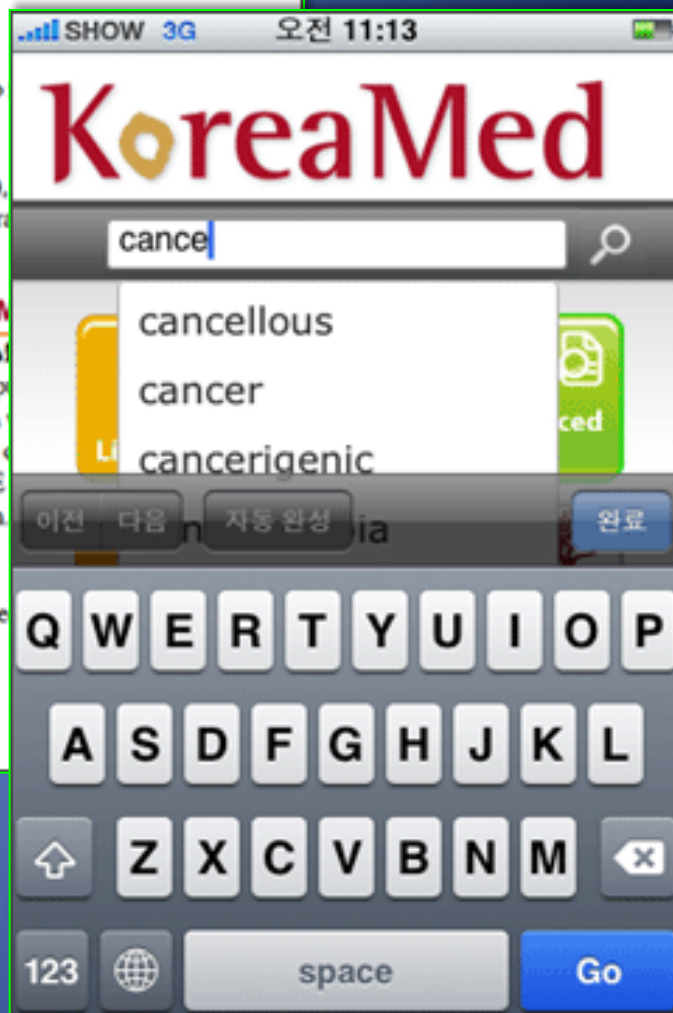
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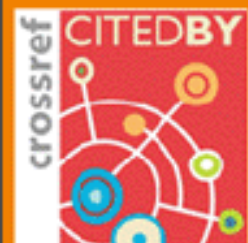
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## Unraveling the Genetic Basis of Asthma and Allergic Diseases

Jian-Feng Meng and Lanny J Rosenwasser

Department of Pediatric Immunology Research, Allergy Clinic Section, Children's Mercy Hospital & Clinics/School of Medicine, University of Missouri at Kansas City, Kansas City, USA.

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### Korean Journal of Hematology

**Journal Abbreviation:** Korean J Hematol

**pISSN:** 1738-7949

**Frequency:** Quarterly

**Language :** Korean, English

**Publication Start Year:** 1966

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**Subject Categories:** Hematology

#### Publisher Information



<b>Journal Title:</b>	The Korean Journal of Hematology
<b>Journal Abbreviation:</b>	Korean J Hematol
<b>Acronym:</b>	KJH
<b>Title in Korean:</b>	
<b>Publication Date:</b>	Began with vol. 40, no. 1 (2005)-
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<b>Publisher:</b>	Korean Society of Cardiology
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<b>DOI Prefix:</b>	10.5045/kjh
<b>Continues:</b>	Korean Journal of Hematology = 대한혈액학회지
<b>Merger of:</b>	The Korean Journal of Hematosis and Thrombosis; Korean Journal of Hematopoietic Stem Cell Transplantation in 2005.
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**Radiofrequency Thermal Ablation of Hepatocellular Carcinomas.**

**Lim HK.**

Department of Radiology, Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, Korea. hklim@smc.samsung.co.kr

**Abstract**

Although surgical resection remains the best option as potentially curative therapy for hepatocellular carcinoma, radiofrequency thermal ablation has begun to receive much attention as an effective minimally invasive technique for the local control of unresectable malignant hepatic tumors. Most recent radiofrequency devices equipped with a powerful generator and larger needle electrode permit larger thermal lesions, up to 5 cm in diameter, with a single ablation. In this article, the author reviews the technical developments and early clinical results obtained with radiofrequency ablation techniques.

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- Aged
- Carcinoma, Hepatocellular/surgery\*
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Lim HK.

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Lee JM, Han JK, Kim SH, Lee JY, Shin KS, Han CJ, Lee MW, Choi JI, Choi BI.

*Korean J Radiol.* 2004;5(4):250. doi: 10.3348/kjr.2004.5.4.250.

**2. Radiofrequency Ablation of Liver Lesions: Therapeutic Response with Contrast-Enhanced Ultrasonography**

Choi D, Lim HK, Lee WJ, Kim SH, Lee JY, Lim JH.

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**Measurements of Arterial Stiffness: Methodological Aspects**  
Moo-Yong Rhee, MD,<sup>1</sup> Hae-Young Lee, MD,<sup>2</sup> and Jeong Bae Park, MD<sup>3</sup>

<sup>1</sup>Department of Internal Medicine, Dongguk University College of Medicine, Gyeongju, Korea.  
<sup>2</sup>Department of Internal Medicine, Seoul National University Hospital, Seoul, Korea.  
Email: <sup>3</sup> Department of Medicine/Cardiology, Cheil General Hospital, Kwandong University College of Medicine, Seoul, Korea.

<sup>3</sup>Correspondence: Moo-Yong Rhee, MD, Department of Internal Medicine, Cardiovascular Center, Dongguk University International Hospital, 814 Siksa-dong, Ilsandong-gu, Goyang 410-773, Korea. Tel: 82-31-961-7125, Fax: 82-31-961-7785, Email: mooyong\_rhee@daih.org

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Effects of Physical Activity and Aerobic Exercise Capacity on Aortic Stiffness in Patients With Untreated Hypertension. Korean Circ J. 2009 Feb;39(2):52-56. English.

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**Diagnosis and Treatment of Nontuberculous Mycobacterial Pulmonary Diseases: A Korean Perspective.**

Koh WJ, Kwon OJ, Lee KS.

Division of Pulmonary and Critical Care Medicine, Department of Medicine, Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, Korea.  
ojkwon@smc.samsung.co.kr  
Department of Radiology and Center for Imaging Science, Sungkyunkwan University School of Medicine, Seoul, Korea.

**Abstract**

The incidence of pulmonary disease caused by nontuberculous mycobacteria appears to be increasing worldwide. In Korea, M. abscessus account for most of the pathogens encountered, while M. goodii is an uncommon cause of NTM pulmonary diseases. NTM complex in terms of its clinical presentation and histopathologic features are indistinguishable from those of pulmonary tuberculosis. In the environment, the isolation and identification of NTM are mandatory for diagnosis, and some specific diagnostic tests are available. The treatment of NTM pulmonary disease depends on the site of infection. The decisions concerning the institution of treatment are based on the results of culture and histopathologic findings. The use of multiple drugs for 18 to 24 months. Thus, treatment is not curative, and is frequently not curative. In all of the situations, outcomes can be improved if clinicians, radiologists, and laboratories work cooperatively.

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J Korean Med Sci. 2009 Jun;24(3):427-432. English. doi: 10.3346/jkms.2009.24.3.427.
2. A Case of Adult-Onset Still's Disease Complicated with Hemorrhage.  
Sari I, Birlık M, Biniciier O, Akar S, Yilmaz E, Oner M.  
J Korean Med Sci. 2009 Feb;24(1):155-157. English. doi: 10.3346/jkms.2009.24.1.155.
3. Pulmonary Disease Caused by Mycobacterium xerophilum.  
Park HY, Koh WJ, Kwon OJ, Lee NY, Shim YM, Park JH, Yonsei Med J. 2007 Oct;48(5):871-875. English. doi: 10.3346/jkms.2007.48.5.871.
4. Plasma Cell Granuloma Associated with Pulmonary Mycobacterium Infection.



# Diagnosis and Treatment of Nontuberculous Mycobacterial Pulmonary Diseases: A Korean Perspective.

Koh WJ, Kwon OJ, Lee KS.

Division of Pulmonary and Critical Care Medicine, Department of Medicine, Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, Korea. [ojkwon@smc.samsung.co.kr](mailto:ojkwon@smc.samsung.co.kr)  
 Department of Radiology and Center for Imaging Science, Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, Korea.

## Abstract

The incidence of pulmonary disease caused by nontuberculous mycobacteria (NTM) appears to be increasing worldwide. In Korea, *M. avium* complex and *M. abscessus* account for most of the pathogens encountered, whilst *M. kansasii* is a relatively uncommon cause of NTM pulmonary diseases. NTM pulmonary disease is highly complex in terms of its clinical presentation and management. Because its clinical features are indistinguishable from those of pulmonary tuberculosis and NTMs are ubiquitous in the environment, the isolation and identification of causative organisms are mandatory for diagnosis, and some specific diagnostic criteria have been proposed. The treatment of NTM pulmonary disease depends on the infecting species, but decisions concerning the institution of treatment are never easy. Treatment requires the use of multiple drugs for 18 to 24 months. Thus, treatment is expensive, often has significant side effects, and is frequently not curative. Therefore, clinicians should be confident that there is sufficient pathology to warrant prolonged, multidrug treatment regimens. In all of the situations, outcomes can be best optimized only when clinicians, radiologists, and laboratories work cooperatively.

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- Decreased Cytokine Production in Patients with Nontuberculous Mycobacterial Lung Disease  
Kwon YS, Kim EJ, Lee SH, Suh GY, Chung MP, Kim H, Kwon OJ, Koh WJ.  
Lung. 2007;185(6):337. doi: 10.1007/s00408-007-9040-z.
  - Usefulness of Multiplex Real-Time PCR and Melting Curve Analysis in Identification of Nontuberculous Mycobacteria  
Kang SH, Yoo KC, Park KU, Song J, Kim EC.  
Korean J Lab Med. 2007;27(1):40. doi: 10.3343/kjlm.2007.27.1.40.
  - A novel identification scheme for genus Mycobacterium, M. tuberculosis complex, and seven mycobacteria species of human clinical impact  
Pérez-Martínez J, Ponce-De-León A, Bobadilla M, Villegas-S, Lee KS, Koh WJ.  
J Korean Med Sci. 2009;24(3):427. doi: 10.3346/jkms.2009.24.3.427.

- HLA Antigens and Nontuberculous Mycobacterial Lung Disease in Korean Patients  
Ki CS, Kwon OJ, Koh WJ, Um SW.  
Lung. 2009; 187(2):136. doi: 10.1007/s00408-009-9136-8.
- Role of eosinophils and their clinical significance in allergic inflammation  
Kato M, Suzuki M, Hayashi Y, Kimura H.  
Expert Rev Clin Immunol. 2006;2(1):121. doi: 10.1586/1744666X.2.1.121.
- Acute Pneumonia and Empyema Caused by Mycobacterium Intracellulare  
Park SU, Koh WJ, Kwon OJ, Park HY, Jun HJ, Joo EJ, Lee NY, Kim TS, Lee KS, Park YK.  
J Korean Med Sci. 2006;45(17):1007. doi: 10.2169/internalmedicine.45.1665.
- Sequential Bilateral Lung Resection in a Patient with Mycobacterium Abscessus Lung Disease Refractory to Medical Treatment  
Lee SH, Min JW, Um SW, Han SS, Han SK, Shim YS, Yim JJ.  
Yonsei Med J. 2010;51(1):141. doi: 10.3349/ymj.2010.51.1.141.

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Mycobacterium abscessus activates the macrophage innate immune response via a physical and functional interaction between TLR2 and dectin-1

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Nontuberculous Mycobacteria (NTM) are intracellular pathogens that elicit a specific T-cell response characterized by the production of proinflammatory cytokines, including interferon (IFN)-γ, tumor necrosis factor (TNF)-α, and interleukin (IL)-12. However, little information exists regarding the levels of specific cytokines in patients with NTM lung disease. Therefore, we compared cytokine production in peripheral blood mononuclear cells (PBMCs) from patients with NTM lung disease with that in PBMCs from healthy controls. Pro- and anti-inflammatory cytokine production was measured by enzyme-linked immunosorbent assay in the PBMCs of 29 patients with NTM lung disease and 15 healthy controls.

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Nontuberculous Mycobacteria and Empyema Caused by Mycobacterium Intracellulare  
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Nontuberculous Mycobacteria and Empyema Caused by Mycobacterium Intracellulare  
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expected for uninfected patients with the same disease severity, we identify an additional independent risk factor for candidemia, the presence of hepatic failure on MICU admission. Therefore, increased awareness of risk factors, including hepatic failure, is necessary for the management of candidemia.

**Figures**



**Fig. 1**  
Kaplan-Meier survival curves for candidemia patients and controls in an MICU. The solid line indicates the cumulative survival of 49 patients with candidemia and the dashed line indicates the cumulative survival of 147 control patients ( $P=0.024$ ).

**Tables**

**Table 1**  
Baseline characteristics of patients with candidemia and controls in an MICU

<sup>†</sup> $P<0.05$  for candidemia patients vs. controls according to the chi-square test. <sup>‡</sup> $P<0.05$  for candidemia patients vs. controls according to the Mann-Whitney test.

APACHE, Acute Physiology and Chronic Health Evaluation; COPD, chronic obstructive pulmonary disease; ICU, intensive-care unit; duration of pre-ICU stay, general ward stay before ICU admission; duration of precandidemia ICU stay, days from ICU admission to candidemia; delay in start of therapy, days from diagnosis of candidemia to commencement of antifungal therapy; patients with preemptive therapy, patients treated with antifungal therapy before candidemia was diagnosed.

**Table 2**  
Results of univariate analysis for candidemia risk factors

Values are expressed as the number (%) of patients.

\*Determined using the chi-squared test.

OR, odds ratio; CI, confidence interval; central venous catheter, internal jugular venous catheter, Hickman catheter, Swan-Ganz catheter, or femoral catheter; immunocompromised state, malignancy (hematologic or solid) or use of immunosuppressive agent; GIL,

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**Fig. 1**  
Kaplan-Meier survival curves for candidemia patients and controls in an MICU. The solid line indicates the cumulative survival of 49 patients with candidemia and the dashed line indicates the cumulative survival of 147 control patients ( $P=0.024$ ).

J Korean Med Sci. 2010 May;25(5):671-676.  
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## References/Reference linking to source articles

4. Konecny G, Crohns C, Pegram M, Felder M, Lude S, Kurbacher C, Cree IA, Hopp H, Ulrich M. Correlation of drug response with the ATP tumoresensibility assay in primary high stage III ovarian cancer. *Gynecol Oncol* 2000;77:258-263.
6. Kurbacher CM, Cree IA, Brenne U, Bruckner HW, Kurbacher JA, Malkmann P, Andriotti PE, Krebs D. Heterogeneity of in vitro chemosensitivity in perioperative breast cancer cells to mitoxantrone versus doxorubicin evaluated by a microplate ATP bioluminescence assay. *Breast Cancer Res Treat* 1996;41:161-170.
11. Unger S, Schadendorf D, Pfibler C, Neuber K, Thoske A, Ulrich J, Hauchold A, Spieth K, Kaatz M, Rittgen W, Dehorne S, Tilgen W, Reinhold U. In vitro drug activity predicts response and survival after individualized sensitivity-directed chemotherapy in metastatic melanoma: a multicenter phase II trial of the dermatologic cooperative oncology group. *Clin Cancer Res* 2006;12:5454-5463.
11. Kang SM, Park MS, Chang J, Kim SK, Kim H, Shin D, Chang KY, Kim DJ, Sohn JH, Choi SH, Kim J, Yoon EJ, Kim JH. A feasibility study of adenosine triphosphate-based chemotherapy response assay (ATP-CRA) as a chemosensitivity test for lung cancer. *Cancer Res Treat* 2005;37:223-227.
12. Moon YW, Choi SH, Kim YT, Sohn JH, Chang J, Kim SK, Park MS, Chang KY, Lee HJ, Kim JH. Adenosine triphosphate-based chemotherapy response assay (ATP-CRA)-guided platinum-based 2-drug chemotherapy for unresectable non-small-cell lung cancer. *Cancer* 2007;109:1829-1835.
11. Han SS, Choi SH, Lee YK, Kim JW, Park NH, Song YS, Lee HP, Kang SB. Predictive value of individualized tumor response testing by atp-based chemotherapy response assay in ovarian cancer. *Cancer Invest* 2008;26:426-430.
11. Kim HA, Yoon CK, Moon BI, Cho KJ, Sung SH, Ha WS, Choi HY, Kim HK, Park HK, Choi SH, Yoon EJ, Oh SY. The use of an in vitro adenosine triphosphate-based chemotherapy response assay to predict chemotherapeutic response in breast cancer. *Breast* 2008;17:19-26.
11. Bepko G, O'Brian K. In vitro chemosensitivity testing of human non-small cell lung cancer cell lines. *Anticancer Res* 1998;18:3181-3185.
11. Boddy AV, Griffin M, Shadden J, Thomas HD, Fishwick K, Wright JG, Pfanner ER, Highley M, Calvert AH. Pharmacological study of paclitaxel duration of infusion combined with GFR-based carboplatin in the treatment of ovarian cancer. *Cancer*

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Abstract

**PURPOSE:** A chemosensitivity test can reflect the differences in responses of individual cancer patients to chemotherapeutic agents. The adenosine triphosphate-based chemotherapy response assay (ATP-CRA) is an accurate method, which does not require a large amount of tissue specimen. So far, no studies have evaluated the utility of the ATP-CRA in Korea. Therefore, we investigated the clinical usefulness of the ATP-CRA in 53 patients with lung cancer. **MATERIALS AND METHODS:** Tumor tissues were obtained from bronchoscopic biopsies or surgical resections. The validity of ATP-CRA was assessed focusing on the success rate, experimental error level (intra-assay mean coefficient of variation [CV]) and reproducibility. **RESULTS:** The overall success rate of ATP-CRA was 90.6% (48/53). Normal cells were effectively eliminated from the tumor tissues with the use of ficoll gradient centrifugation and immunomagnetic separation, which was confirmed using loss of heterozygosity analysis of the 3p deletion. The mean CV of ATP assays was 10.5±4.8%. The reproducibility of ATP assays was 94±3.8%. The results of the ATP assays were reported to physicians within 7 days of specimen collection. More than 6 anticancer drugs were tested on the tumor specimens obtained from bronchoscopic biopsies. **CONCLUSION:** The ATP-CRA is a stable, accurate and potentially practical chemosensitivity test in patients with lung cancer.

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**A Feasibility Study of Adenosine Triphosphate-based Chemotherapy Response Assay (ATP-CRA) as a Chemosensitivity Test for Lung Cancer**

Shin Myung Kang, M.D.,<sup>1</sup> Moo Suk Park, M.D.,<sup>1</sup> Joon Chang, M.D.,<sup>1</sup> Se Kyu Kim, M.D.,<sup>1</sup> Haeryoung Kim, M.D.,<sup>2</sup> Dong-Hwan Shin, M.D.,<sup>2</sup> Kyung Young Chung, M.D.,<sup>3</sup> Dae Joon Kim, M.D.,<sup>3</sup> Joo Hyuk Sohn, M.D.,<sup>1,4</sup> Sung Ho Choi, Ph.D.,<sup>5</sup> Jeongmi Kim, Ph.D.,<sup>5</sup> Eun Jin Yoon, M.Sc.,<sup>5</sup> and Joo-Hang Kim, M.D.,<sup>1,4</sup>

<sup>1</sup>Department of Internal Medicine, Yonsei University College of Medicine, Seoul, Korea.  
<sup>2</sup>Department of Pathology, Yonsei University College of Medicine, Seoul, Korea.  
<sup>3</sup>Department of Cardiovascular and Thoracic Surgery, Yonsei University College of Medicine, Seoul, Korea.  
<sup>4</sup>Yonsei Cancer Center, Yonsei University College of Medicine, Seoul, Korea.  
<sup>5</sup>ISU ABXIS CO., LTD, Seoul, Korea.

<sup>1</sup>Correspondence: Joo-Hang Kim, Department of Internal Medicine, Yonsei Cancer Center, C.P.O. BOX 8044, Seoul, Korea. (Tel) 82-2-361-7622, (Fax) 82-2-392-1508, Email: kjhang@yumc.yonsei.ac.kr

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Department of Internal Medicine, Yonsei University College of Medicine, Seoul, Korea.

**Abstract**

**PURPOSE:** A chemosensitivity test can reflect the differences in responses of individual cancer patients to chemotherapeutic agents. The adenosine triphosphate-based chemotherapy response assay (ATP-CRA) is an accurate method, which does not require a large amount of tissue specimen. So far, no studies have evaluated the utility of the ATP-CRA in Korea. Therefore, we investigated the clinical usefulness of the ATP-CRA in 53 patients with lung cancer. **MATERIALS AND METHODS:** Tumor tissues were obtained from bronchoscopic biopsies or surgical resections. The validity of ATP-CRA was assessed focusing on the success rate, experimental error level (intra-assay mean coefficient of variation [CV]) and reproducibility. **RESULTS:** The overall success rate of ATP-CRA was 90.6% (48/53). Normal cells were effectively eliminated from the tumor tissues with the use of ficol gradient centrifugation and immunomagnetic separation, which was confirmed using loss of heterozygosity analysis of the 3p deletion. The mean CV of ATP assays was 10.5% (-4.6%). The reproducibility of ATP assays was 94% (-3.8%). The results of the ATP assays were reported to physicians within 7 days of specimen collection. More than 6 anticancer drugs were tested on the tumor specimens obtained from bronchoscopic biopsies. **CONCLUSION:** The ATP-CRA is a stable, accurate and potentially practical chemosensitivity test in patients with lung cancer.

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\*Corresponding author.

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# Voice Access/Search

- Currently in implementation on Android phone
- KoreaMed App in Android market to be available by April 2011
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- Accuracy of dictation of voice search words greatly depends on the user's speech behaviors
- Pull down list of search words/phrases to help picking complicated words

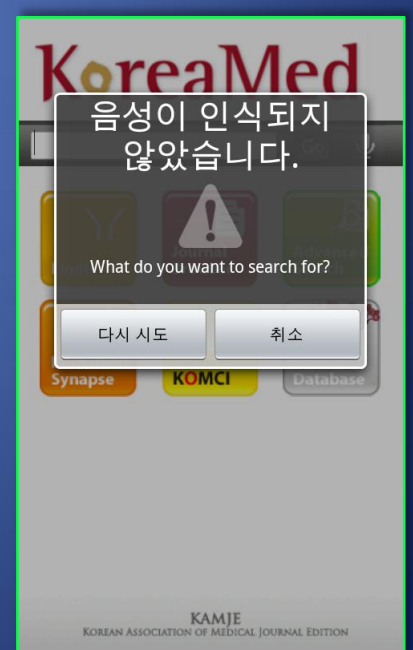
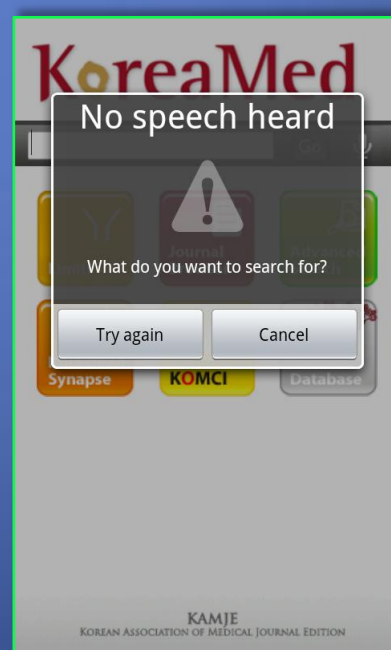
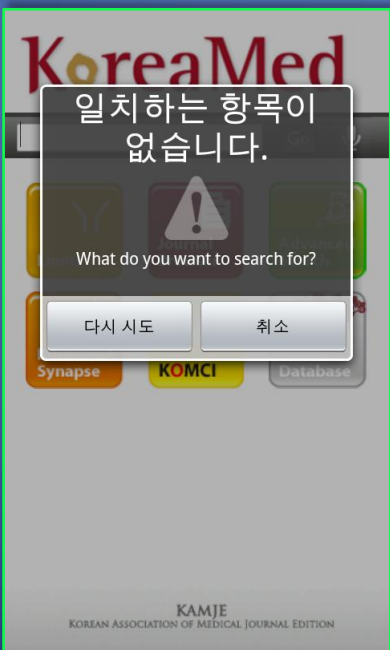
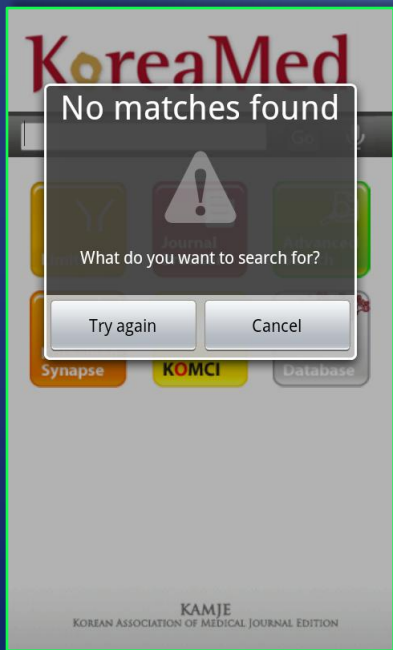
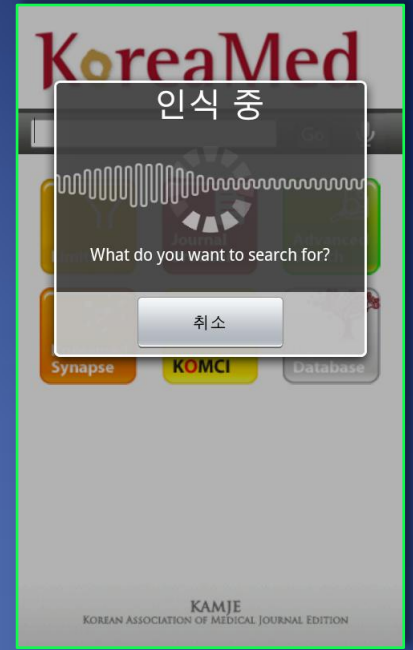
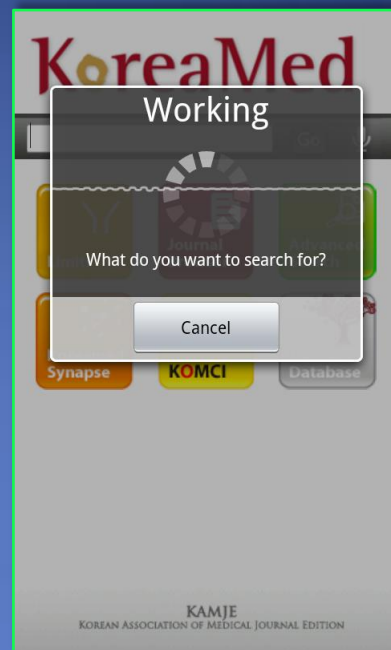
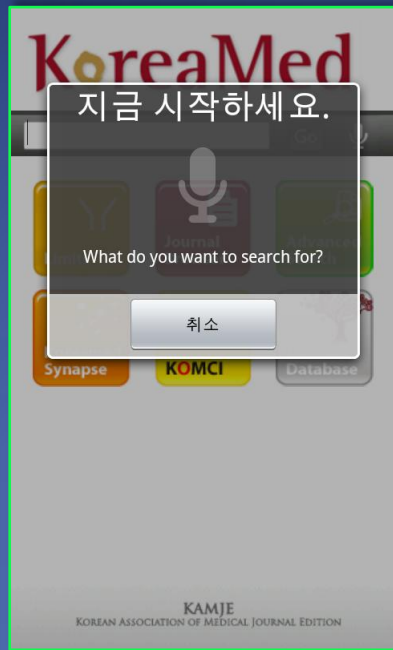
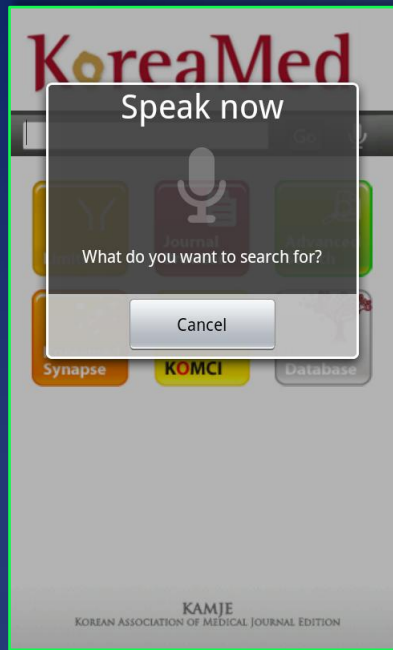
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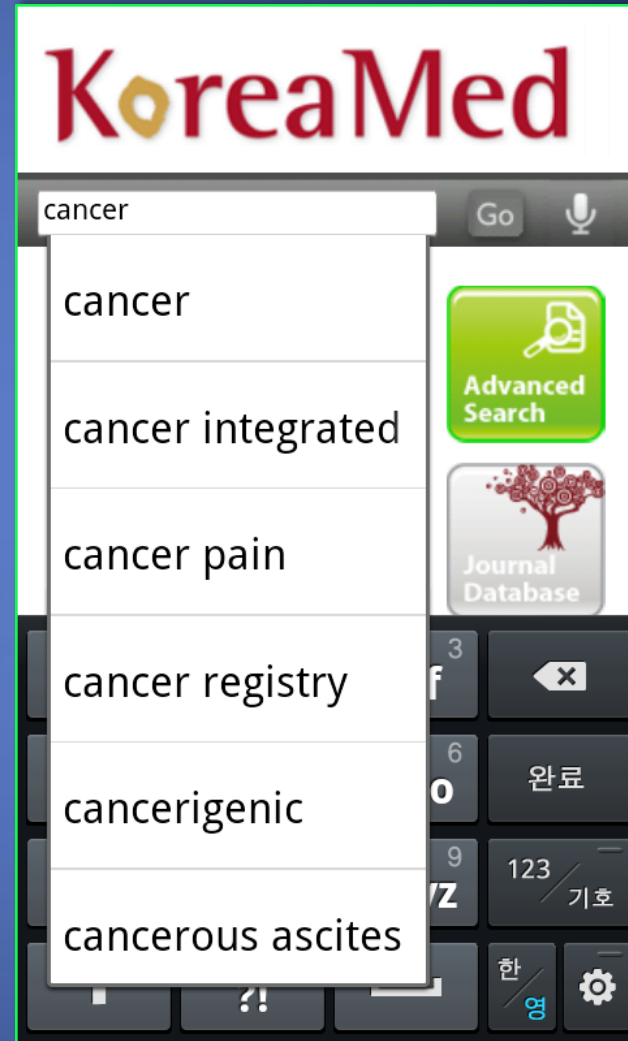
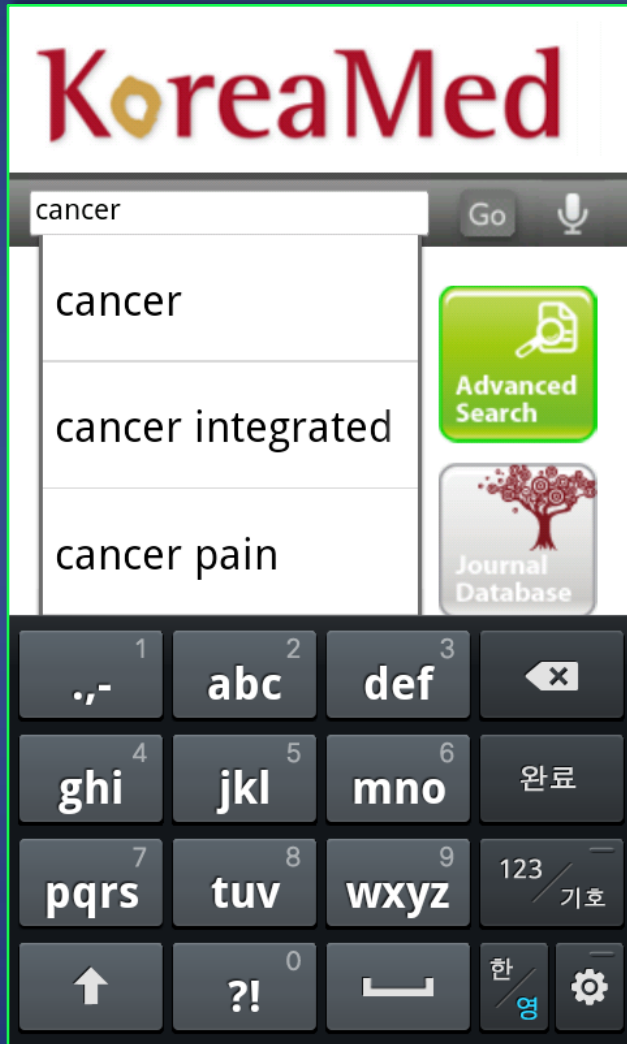


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*J Korean Med Sci.* 2010 Oct;25(10):1443-1448. English. doi: 10.3346/jkms.2010.25.10.1443.
3. Clinicopathological Significance of Expression of Tspan-1, Jab1 and p27 in Human Hepatocellular Carcinoma.  
Chen L, Yuan D, Wang GL, Wang Y, Wu YF, Zhu J.  
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Seo DW.  
*Gut Liver.* 2010 Sep;4(Suppl. 1):S82-S88. English. doi: 10.5009/gnl.2010.4.S1.S82.
9. EUS-Guided Biliary Drainage.  
Yamao K, Hara K, Mizuno N, Sawaki A, Hijioka S, Niwa Y, Tajima M, Kawai H, Kondo S, Shimizu Y, Bhatta V.  
*Gut Liver.* 2010 Sep;4(Suppl. 1):S67-S75. English. doi: 10.5009/gnl.2010.4.S1.S67.
10. Photodynamic Therapy for Cholangiocarcinoma.  
Talreja JP, Kahaleh M.  
*Gut Liver.* 2010 Sep;4(Suppl. 1):S62-S66. English. doi: 10.5009/gnl.2010.4.S1.S62.

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1. *J Korean Med Sci.* 2010 Oct;25(10):1518-1521. English. doi: 10.3346/jkms.2010.25.10.1518.

**JKMS** **Synapse**

**A Case of Spontaneous Regression of Advanced Gastric Cancer.**

Lee HS, Cheung DY, Kim JI, Cho SH, Park SH, Han JY, Kim JK.

Division of Gastroenterology, Department of Internal Medicine, The Catholic University of Korea School of Medicine, Seoul, Korea.  
jkkim488@yahoo.co.kr

**Abstract**  
An 84 yr.-old male with a history of nausea and vomiting for 3 weeks was admitted to our hospital. Esophagogastroduodenoscopy showed the diffuse infiltrative type of gastric cancer encircling from the cardia to the lower body. On abdominal computerized tomography, the gastric wall was diffusely thickened with overlying mucosal enhancement without lymph node involvement. Histologic examination revealed poorly differentiated adenocarcinoma. So surgical resection was planned. However, patient refused all medical care, and then he was discharged. He lived without any medical support and then he revisited our hospital and showed relieved symptoms on the follow-up exam. On esophagogastroduodenoscopy, the gastric mucosa of the body looked normal without any dysplastic change. Abdominal CT revealed a decreased thickening of the gastric wall of the body. The histology from the endoscopic forceps biopsy showed no evidence of malignancy. The patient is alive without any sign of tumor recurrence after 14 months.

**Author Keywords:**

2. *J Korean Med Sci.* 2010 Oct;25(10):1443-1448. English. doi: 10.3346/jkms.2010.25.10.1443.

**JKMS** **Synapse**

**Preoperative Nomograms for Predicting Extracapsular**

- KoreaMed App in Android market to be available by April 2011



- App is required for the “voice access/search” application
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- MeSH terms
  - Check Tags
  - Publication Types
  - Subject terms
  - Major Topics
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# Mobile Service Development Plans

Phases 1-4

1. Mobile optimization for Internet Access
  - Various hypertext links
  - Interface design
  - Visual enhancements
2. Mobile Web (<http://m.koreamed.org>)
3. Voice Access/Search

Began implementation with Android phone
4. App Service



# RECOMMENDATIO

# 3 major trends of DBs

- Linking
  - DOI (Digital Object Identifier)
  - Hypertext links
- Visualization
  - Figures & Tables
  - Design
  - Citation map/Graphics (Visual impact)
- Full text → Citation Index
  - Citing & Cited by
  - Utilize various internal & external sources
  - Citation statistics/Analytic tools

# Please . . .

- No editing errors
  - Title
  - Abstract
  - References
  - Figure/Table legends
- “Quality” Figures & Tables
  - Symbolic/Research value/Conceptual
  - High resolution
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