KAMJE 논문작성 Workshop

# Supplemental Materials in Dynamic E-Journals

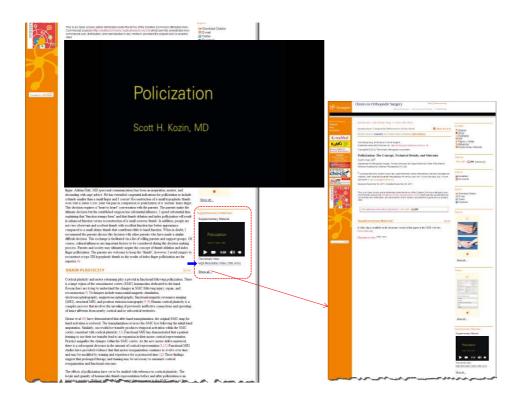
이 춘 실 숙명여대 문헌정보학과

# 목 차

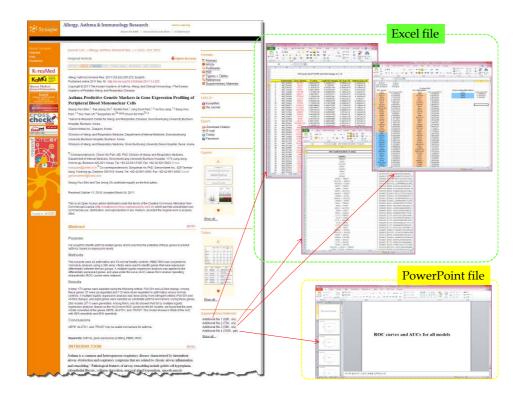
- E-journal의 진화
- 논문의 다양한 Supplemental Materials (보 조 자료)와 급격한 증가 현상
- Supplemental Materials를 적극적으로 수 용하기 위하여 필요한 조치
- 참고문헌

## E-journal의 진화

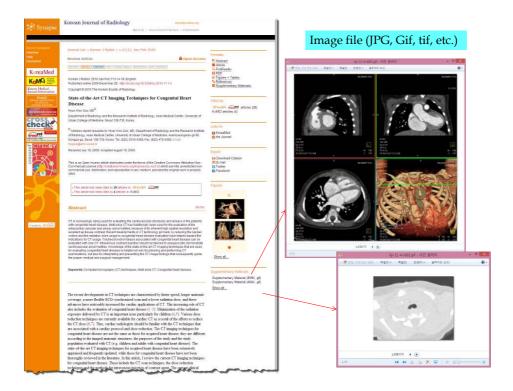
- 학술지 인쇄본 (Print Journal)에 수록하지 않은 (못한) 보충 자료
  → Online 학술지 (Electronic Journal)의 특 성을 적극적으로 활용한 다양한 내용과 다 양한 형식의 자료 제공, 또는 링크 제공
- Supplementary Materials
  - → Supplemental Journal Article Materials

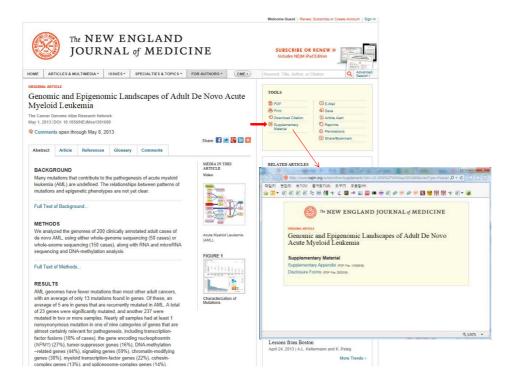






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|     | Copyright © The Korean Unotopical Association, 2010   | Supplementary Materials            |               |   |  |
|     |   |                                    | Carlor Carlos |   |  |
|     | Development and Validation of the Korean Version of Expanded<br>Prostate Cancer Index Composite: Questionnaire Assessing Health   | Lines to:                          | -             | Development and Validation of the Karean Versian of EPOC                                      |  |
|     | Related Quality of Life after Prostate Cancer Treatment   | KoreaMed                           | 1000          | Appendix  |  |
|     | Kinng Jin Chung, Jung Jun Kim, <sup>1</sup> Goo Hum Lim, <sup>1</sup> Tae Heon Kim, <sup>1</sup> Deok Hyun Han, <sup>1</sup> and Sung Wo  |                                    | <b>2</b>      | < The Expanded Prostate Cancer Index C  |  |
|     | Lea <sup>31</sup>   | Epot                               | 2             | < The Expanded Prostate Cancer Index C  | omposite 2                                     |
|     | Department of Urology, Gachan University Gil Hospital, Inchesin, Korea<br>"Department of Urology, Samsuno Neckal Center, Sunchrumminal University School of Neckare.  | re Download Citation               |               | 문 물문은 전형산한 환부의 삶의 성용 추정하기 위해 전동이로잡니다. 정확한 경기<br>지는 것이 무엇보며 주요합니다.                             | F 위해서는 또는 정문에 숨지하게 함?                          |
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|     | <sup>10</sup> Corresponding Author: Sung Won Lee. Department of Unology: Samsung Medical Center.<br>Sungsyuriwan University School of Neckine. 50. Iwon-dong, Gangnam gu, Sebul 135-710. Korea.   | 1.1                                |               |   | 4  |
|     | TEL +82-2-3410-3552 FAC +82-2-3410-3027, Email @xwfeegstolu.edu   | Tables                             |               | 4   | 4  |
|     | Received June 01, 2010; Accepted July 28, 2010.   |                                    |               |   |  |
|     |   | A                                  |               | 배노 영역   |  |
|     | This is an Open Access article distributed under the terms of the Creative Commons Attribution Nor<br>Commercial License (http://creativecommons.org/ticensecity-port).0) which permits unrestricted no   | 81 10                              |               | 다들 문항은 배도기들에 대한 내용성이다. 최근 4만주의 실패를 고려하여 당해  | P-0-1 - 2                                      |
|     | commercial use, distribution, and reproduction in any medium, provided the original work is properticated.  | 100                                |               |   |  |
|     |   | H m                                |               | 1. 개념 4루 중심 있거나 가우 소전이 내서 나원들니까?  |  |
|     | Abstract 60   | 1.22. 1 12 12                      |               | 태구대 한 번 이상 → 1<br>터무대 한 번 성도 → 2  |  |
|     |   |                                    |               | 일주입에 한 번 이상   |  |
|     | Purpose   |                                    |               | 전체, 또는 거제 없음 8  |  |
|     | Attrough the quality of life (CoL) of prostate cancer (PCe) patients is a major issue, there is no units<br>and useful methodology for assessing CoL. The Expanded Prostate Cancer Index Composite (EPK   | d 💗                                |               | 오 제관 4주 물란 얼마나 지주 소전에 저가 넣어 나왔습니까?  |  |
|     | a globally used tool to measure OoL after PCa treatment that comprises urinary, bowel, sexual, and<br>hormonal domains. Advisorated and the need for such a tool applicable to Korean PCa patients, we  | Show all                           | -             | 바무데 한 번 이 것 → 1<br>바무데 한 번 장치 → 2   |  |
|     | Itsestated EPIC into Korean and validated the new version.  |                                    |               | 월주명에 한 번 이상 → 3<br>일주일에 한 번 약도 → 4  |  |
|     | Materials and Methods   | Supplementary Materian             |               | (11년, 年七 기위 11년 5   |  |
|     | The Korean version of EPIC was devised by translation, back-translation, and reconciliation,<br>Subsequently, we randomly astected 153 patients with localized PCs treated with radical perine al   | Supplementary Material (225K, pdf) |               | 3. 해당 4주 중앙 소전 등 해 입이다. 가주 분준이다 매가들을 느꼈습니까?   |  |
|     | prostatedomy (67, 43,8%), radical retroputic prostatedomy (18, 12,4%), laparoscopic radical<br>prostatedomy (12, 7,8%), robot-assisted laparoscopic radical prostatedomy (36, 23,5%), and high-   | Stor al.                           |               | 태구에 한 년 이상 1<br>태구에 한 년 양고, 2   |  |
|     | Intensity focused ultrasound ablation of the prostate (19, 12,4%) and asked them to complete EPIC.<br>Reliability was assessed by test-retest constation and Cronthachts alpha. Validity was assessed by  |                                    |               | 일구입에 한 번 이상 · · · · · · · · · · · · · · · · · ·   |  |
|     | factor analysis, interscale correlation, and correlation with Functional Assessment of Cancer Therap<br>Prostate (FACT-P).  |                                    |               | 현상일에 안전 주도 ···································  |  |
|     | Results   |                                    |               | 4. 다음 준 계날 4주 중삼 귀하의 소변조절 실내용 가장 잘 방방하는 것은 여시 것?  | 21477  |
|     | Test-celet correlation and Contractive sights were trick in each of the domains (0.92, 0.91, 0.75, 0.9  | í.                                 |               | 프렌 프필이 전혀 12 편아 → 1<br>파주 프렌이 북국 및이 전다 → 2  |  |
|     | and 0.86, 0.84, 0.92, 0.83, p<0.0001) interacate correlation among the domains was low (r<0.37), which indicated that ERC is composed of many domains, interacting correlation between the fund   |                                    |               | ·사랑 소란이 북한 혐이지다 3   |  |
|     | and tothar subscales was high (0.94, 0.81, 0.84, and 0.80, p=0.0001). EPIC domains had low<br>correlation with FACT-P, permitting complementary use.  |                                    |               | ∴स्टर्य हे स्वयंत रोग → 4   |  |
|     | Conclusiona   |                                    |               |   |  |
|     | The Korean version of EPIC was developed by a proper process, as evident by its high reliability and  |                                    | 1000          |   |  |
|     | The potent version is the weak developed by a proper product, as weak to be a line method water<br>validity. Therefore, it is a reliable, comprehensive, systematic method that evaluates GaL in Korean<br>patients after PCa treatment. Furthermore, it can be adapted as an objective methodoring for reasian |                                    | Ċ             |   | Koowan J Uroi 1010 50 si                       |
|     | globally and recalled manners. Formal more, a carried adapted as an objective manufolding of nacional globally.   | 0                                  | -             |   |  |
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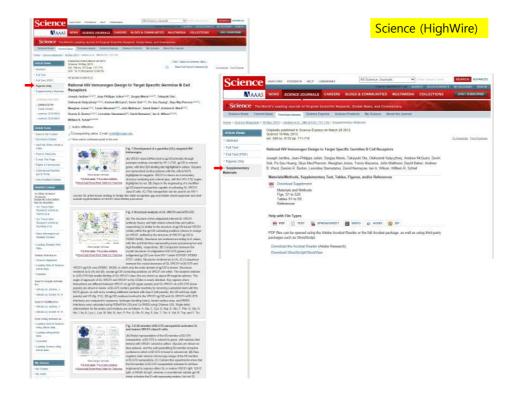


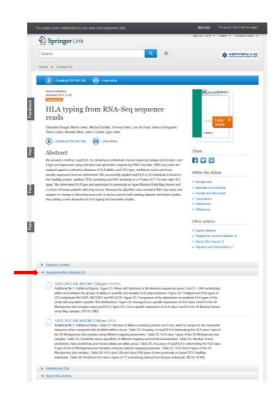






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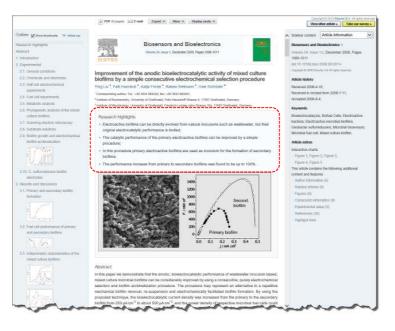




## 논문의 다양한 Supplemental Materials (보조 자료) 와 급격한 증가 현상

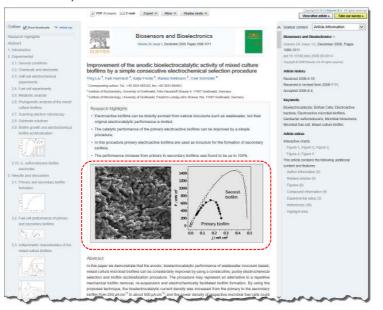
### **Research Highlights**

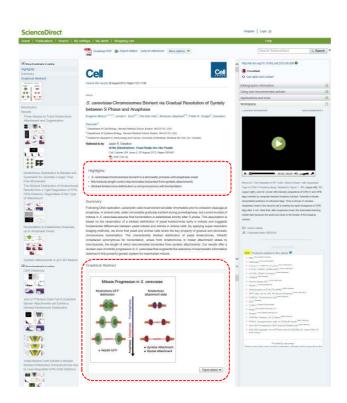
Research Highlights consist of a short collection of bullet points that convey the core findings of the article.



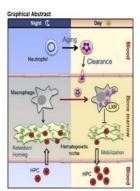
### Graphical Abstracts

A Graphical Abstract summarizes the contents of the article in a concise, pictorial form designed to capture the attention of a wide readership online.





# Abstract



Graphical Abstract

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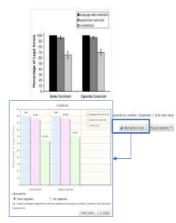


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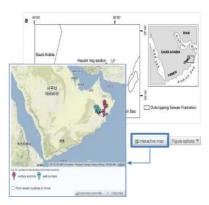
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# Semantic, Ontology, API 등 활용 → 고급 관련 정보 제공 및 연결





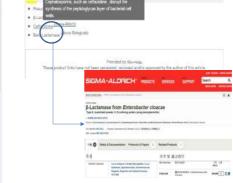
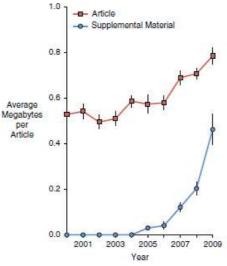


TABLE 4. File types commonly observed among the 100 SDRs sampled, particularly for export purposes.

| File type category             | File type/extension   | L      |
|--------------------------------|---|--------|
| Archives                       | .zip, .tar, .tar.gz, stuffit (binhex)   | Sı     |
| Statistical analysis           | R, SPSS, SAS, STATA   |        |
| GIS                            | many SDRs indicated using GIS related files<br>including raster formats like .bil, ESRI<br>map file formats like .e00, and vector | m      |
|                                | formats like .shp   | - Π    |
| Extensible markup              | .xml, .sgl, .eml (ecological metadata<br>language), VOTable (Virtual Observatory<br>Table)  |        |
| Flat file                      | .txt, .ascii, .csv  |        |
| Image                          | .tiff, .jpg, .gif, .pic, .fits and .png   |        |
| Movie/multimedia               | .wav, .swf, .mpg, .mov, .mp3, .mp4, .avi,<br>quicktime and anis (Flash animations<br>applet)                                      |        |
| Word processor                 | .pdf, .ps, .doc   |        |
| Spreadsheet                    | .xls  |        |
| Presentation                   | .ppt  |        |
| Proprietary or specific tools: |   |        |
| Geosciences                    | Open Geospatial Consortium's Web Map<br>Service (WMS) map and legend images,  |        |
|                                | Web Feature Service (WFS) vector  |        |
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| (Medicine) bioinformatics      | GO, FASTA, Contig   | initia |
| Web page                       | .html   | 61(20  |

### 다양한 Supplemental materials 파일 형식

Marcial LH and Hemminger BM. Scientific data repositories on the Web: An nitial survey. JASIST, 51(2010): 2029–2048.



only articles published in January of each year. Error bars are standard errors of the trimmed means.

### Supplemental Material의 급증

Year INEUrosci 3 Figure 1. Average size of a kumul of Neuroscience article and supplemental material in megabytes. Values are trimmed means (5th–55th percential to exclude a handhul of unaccountably large articles and supplemental files. Supplemental movies are excluded to facilitate comparisons because a megabyte of a movie is arguably easier to evaluate than a megabyte of text, figures, or tables. Data indude

Journal of Neuroscience Announcement Regarding Supplemental Material. J Neurosci 30(32):10599 –10600. August 11, 2010. Data include only articles published in January of each year.

## Supplemental Materials를 적극적으 로 수용하기 위하여 필요한 조치

- 각 보조 자료 (object)를 식별할 수 있는 충 분한 정보를 논문 본문에 표기 (제목, 요약, 파일 형식, meta data, DOI 등)
- 투고규정에 명시
- E-Journal platform에서 이용 가능하도록 user friendly interface 구현

(다양한 링크, interactive multimedia, 보조 자료 검색 기능)



Highlights Required for papers published from January 2010 onward. Highlights are a short collection of bullet points that convey the core findings of the article. This list of points will be displayed online with the summary of the article but will not appear in print. Specifications: up to 4 bullet points can be included; the length of an individual bullet point should not exceed 85 characters (including spaces); only the core results of the paper should be covered.

Graphical Abstract A graphical abstract should allow readers to quickly gain an understanding of the main take-home message of the paper and is intended to encourage browsing, promote interdisciplinary scholarship, and help readers identify more quickly which papers are most relevant to their research interests. Examples of this feature can be seen in the online version of articles published in Cell from January 2010 onwards. Graphical abstracts may be submitted at any stage but are only required once a paper has been accepted for publication (it is not necessary to provide a graphical abstract for a new submission). Graphical abstracts can be uploaded in EES by selecting "Graphical Abstract" when uploading files. Preparation guidelines: A graphical abstract should be one image and should not contain multiple panels; visualize one process or make one point clear; have a clear start and end, preferably 'reading' from top to bottom or left to right, for ease of browsing; try to reduce distracting and cuttering elements as much as possible; and provide a visual indication of the biological context of the results depicted (subcellular location, tissue or cell type, species, etc.). Simple labels are often useful. Please also try to avoid including features that are more speculative (unless the speculative nature can be made apparent visually), and highlight the new findings from the current paper without including excess details from previous literature. Specifications: the maximum size of the image should be 400 x 400 pixels, using Arial font with a size of 12–16 points. Preferred file types are .ai, .psd, and .eps; .jpg and .tif are also acceptable.

## THE LANCET

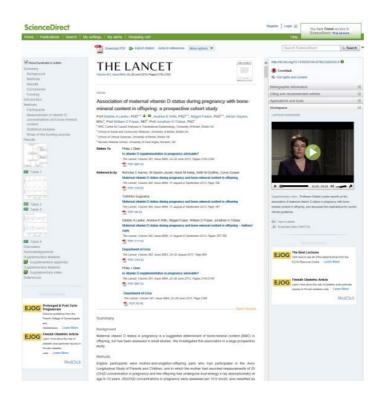
### Guidelines for web extra material

### Audio/video material

- Audio/video material
  The paper to which the audio or video clip relates should be mentioned in the recording
  Audio clip and video files should be accompanied with brief text explaining the content of the audio, names of interviewers/interviewees, date of recording, and place of recording if relevant
  Written consent from all parties must be supplied at submission

- Audio
  Audio material submitted as an mp3 file, no larger than 50 Mb
  Your paper may be selected for a podcast. If so, the Web Editor will contact you to arrange a pre-recorded interview to discuss your paper. For more information, see Audio.

- Video Video material should preferably be submitted in .mpg (or .mov, .avi, or .gif) format with aspect ratio of 16:9, no larger
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- · All video files can be submitted alongside your article in EES.



# NISO RP-15-2013

 Recommended Practices for Online Supplemental Journal Article Materials





# References

Article of the Future http://www.articleofthefuture.com

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