

電腦軟體輔助英文論文寫作



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臺中榮民總醫院
Taichung Veterans General Hospital

Why am I qualified?

- 162 papers (1989-2014)
- 4 review articles
- 3 book chapters
- 1 patent
- Review 300+/year
- (Proposals/Manuscripts)
- Structured Writing/Experimental Design/Computer-aided **Software & Applications**



電腦軟體輔助撰寫英文論文

- 一、英文論文寫作模版
- 二、電腦輔助軟體與網站
- 三、如何避免論文瓢竊
- 四、英文論文編修與實作





English Writing Strategies

- **Effective Thinking**
 - **Correct, Clear, Concise**
- **Structured Writing**
 - **Purpose, Method & Results**
 - **Meaning, Conclusion**
- **English Capability**
 - **Terminologies, Tenses, Verbs**



1. Position Your Research

- Search Research Topics
- Execute Research
- Results & Meaning
- Speak to Your Audience
- Submit to Right Journal



2. Organize Research and Submissions

- Keeping Track of Submissions
- Have You Tapped Into All Your Resources?
- References & Citations
- Format & Paper Length
- Cover Letter
- Figures & Images



3. Include Essential Details

- **Costs of Submission & Publishing**
- **Your Personal Information**
- **English Editing & Proofreading**
- **Do you have a Contingency Plan?**



4. Plagiarism & Citation

- **Copyright Infringement**
- **Plagiarism Detection**
- **Inadvertent Plagiarism**
- **Self-plagiarism**

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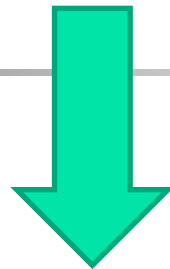
Journal Writing Skills: Know How & Know Why

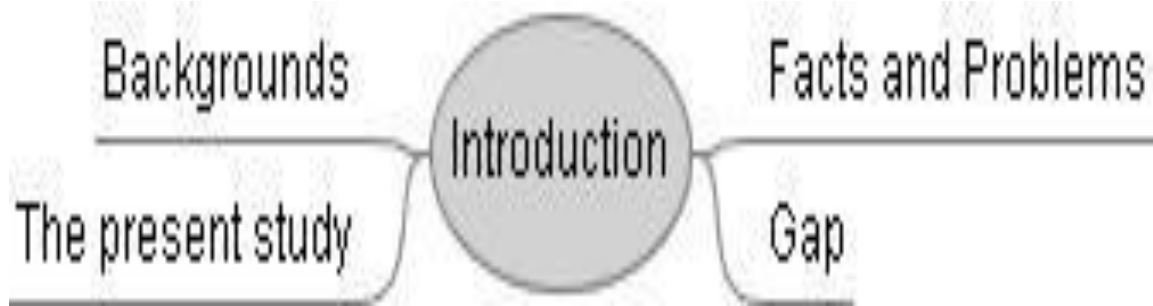
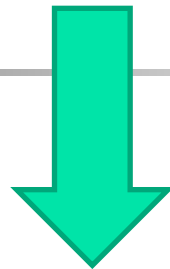




The IMRaD Format

- **I**ntroduction: What was the **question**?
 - **M**ethods: How did you try to **answer** it?
 - **R**esults: What did you **find**?
 - **D**iscussion: What does it **mean**?
-
- A format used in some journals: **IRDaM**
 - People read **sections** in various orders.





Population-based epidemiologic study of Wilson's disease in Taiwan

(Eur. J. of Neuro. 2010, 17: 830-833 SCI: 3.692)

Background: The purpose of the study is to investigate the epidemiology and medical expenses of Wilson's disease in Taiwan.

Methods: Cases of Wilson's disease were identified from the National Health Insurance Research Database with corresponding International Classification of Diseases, Ninth Revision (ICD-9) code 275.1 from January 2000 to December 2005. Age and sex-specific incidences were estimated by dividing the incidence number by population data obtained from the Department of Statistics, Ministry of the Interior.

Results: During the study period, 495 cases of Wilson's disease were identified. The male to female ratio was 1.28. The average annual incidence rate was 0.27 per 100 000, and the incidence rate peaked in the age group of 15–19 years. Most cases were juvenile and young adults. The prevalence increased steadily during the study period. Cirrhosis of the liver was the most common co-existing condition.

Conclusions: This is the first population-based epidemiologic study of Wilson's disease in Taiwan. Because of the effective and affordable treatment, the prevalence of Wilson's disease in Taiwan is expected to increase continuously.



Introduction

- Establish Facts and Problems
- Provide Previous and Current Research
- Locate a **Gap** to Solve the problems
- Describe the Present work

1. Facts and Problems

Wilson's disease is an autosomal-recessive disorder caused by a large number of different mutations in the *ATP7B* gene, with resultant impairment of biliary excretion of copper.

- Subsequent excessive copper accumulation in the liver, then in the brain and other tissues, produces **protean clinical manifestations**, including variable combinations of hepatic, neurological, psychiatric, ophthalmological and other derangements [1].



2. Mini-review

- **The onset** of symptoms is rare before age 6 and usually presents before the age of 30, although it has been described in those as young as 3 years old and patients in the seventies [2-4].
- **Wilson's disease can lead to** a miserable prognosis if treatment is inadequate or not started in a timely manner [5].
- **The discovery** of Wilson's disease is one of the milestones in the history of neurology [6,7], and effective treatment is usually available [8].
- **Few population-based epidemiologic studies** of Wilson's disease have been reported [9-11].



2. Mini-review

- **The discovery** of Wilsons disease is one of the milestones in the history of neurology [6,7], and effective treatment is usually available [8].
- **The onset** of symptoms is rare before age 6 and usually presents before the age of 30, although it has been described in those as young as 3 years old and patients in the seventies [2-4].
- **Wilson's disease can lead to** a miserable prognosis if treatment is inadequate or not started in a timely manner [5].
- **Few population-based epidemiologic studies** of Wilsons disease have been reported [9-11].



3. Gap

- Although **Wilson's disease** has been studied in Taiwan since the 1960s [7,12-19], population-based epidemiologic data have not been reported.



4. The present study

- We have previously established the population-based epidemiological data of motor neuron diseases [20], Creutzfeldt-Jakob disease and multiple sclerosis [21] in Taiwan from the National Health Insurance Research Database (NHIRD).
- Other studies utilizing the same database have also been published [22-26].
- In this study, we presented the epidemiology data of Wilsons disease in Taiwan during 2000-2005.



4. The present study

- Our previous and other studies have previously established several neurological diseases of the population-based epidemiological data of in Taiwan from the National Health Insurance Research Database (NHIRD) [20-26].
- In this study, we presented the epidemiology data of Wilsons disease in Taiwan during 2000-2005.



4. The present study

- We have previously established the population-based epidemiological data of neurologic diseases in Taiwan from the National Health Insurance Research Database (NHIRD) [20,21].
- In this study, we presented the epidemiology data of Wilsons disease in Taiwan during 2000–2005.



Materials and Methods

- **Study design** is selected & the subjects (patients, animals) to be studied are defined.
- **Interventions** (treatment) are decided on in detail.
- **Measurements** and other observations to be made.
- **Statistical procedures/limitations** for assessment of data.



Results to be Presented

- The **core** of the paper
- Often includes tables, figures, and the text should overlap with that in the tables and figures
- Should present results **but not comment on them**

Incidence & Prevalence of Wilson's disease (2000-2005)

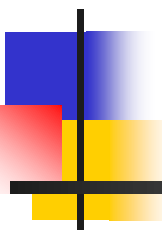
Table 1 Incidence and prevalence of Wilson's disease in Taiwan

	Total population (millions)			New cases			Total cases			Incidence rate per 10^5 /year			Prevalence per 10^5			M/F of incidence
	F	M	T	F	M	T	F	M	T	F	M	T	F	M	T	
2000	10.88	11.39	22.28				83	105	188				0.76	0.92	0.84	
2001	10.96	11.44	22.41	23	31	54	94	112	206	0.21	0.27	0.24	0.86	0.98	0.92	1.29
2002	11.04	11.49	22.52	36	45	81	121	143	264	0.33	0.39	0.36	1.10	1.25	1.17	1.20
2003	11.09	11.52	22.60	19	27	46	134	156	290	0.17	0.23	0.20	1.21	1.35	1.28	1.37
2004	11.15	11.54	22.69	24	29	54	149	177	327	0.22	0.25	0.24	1.34	1.53	1.44	1.17
2005	11.21	11.56	22.77	32	40	72	169	196	365	0.29	0.35	0.32	1.51	1.70	1.60	1.21

F, Female; M, Male; T, Total.

Age- and gender-specific incidence

Table 2 Age-specific incidence of Wilson's disease in Taiwan during 2001–2005



Age group	Case number			Incidence rate per 10 ⁵ /year		
	F	M	T	F	M	T
0–4	9	10	19	0.29	0.30	0.29
5–9	9	12	21	0.24	0.29	0.27
10–14	12	20	32	0.31	0.47	0.40
15–19	25	17	43	0.62	0.40	0.52
20–24	11	25	36	0.23	0.50	0.37
25–29	13	19	32	0.28	0.39	0.34
30–34	15	19	34	0.33	0.41	0.37
35–39	6	19	25	0.13	0.39	0.26
40–44	7	14	21	0.15	0.29	0.22
45–49	13	6	19	0.30	0.14	0.22
≥ 50	14	11	25	0.11	0.08	0.10

F, Female; M, Male; T, Total.



Results

- **Overview** of results
- **Viewing** results
- **Key results** in detail
- **Problems** with results



Discussion

- The **heart** of the paper
- State the **interpretations and opinions**, explain the implications of findings and make suggestions **for future research**
- Outline and organization of discussion
 - Outline items from **specific to general**
 - Expand each item
 - Cluster map and issue tree...etc



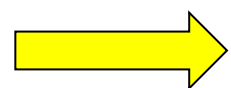
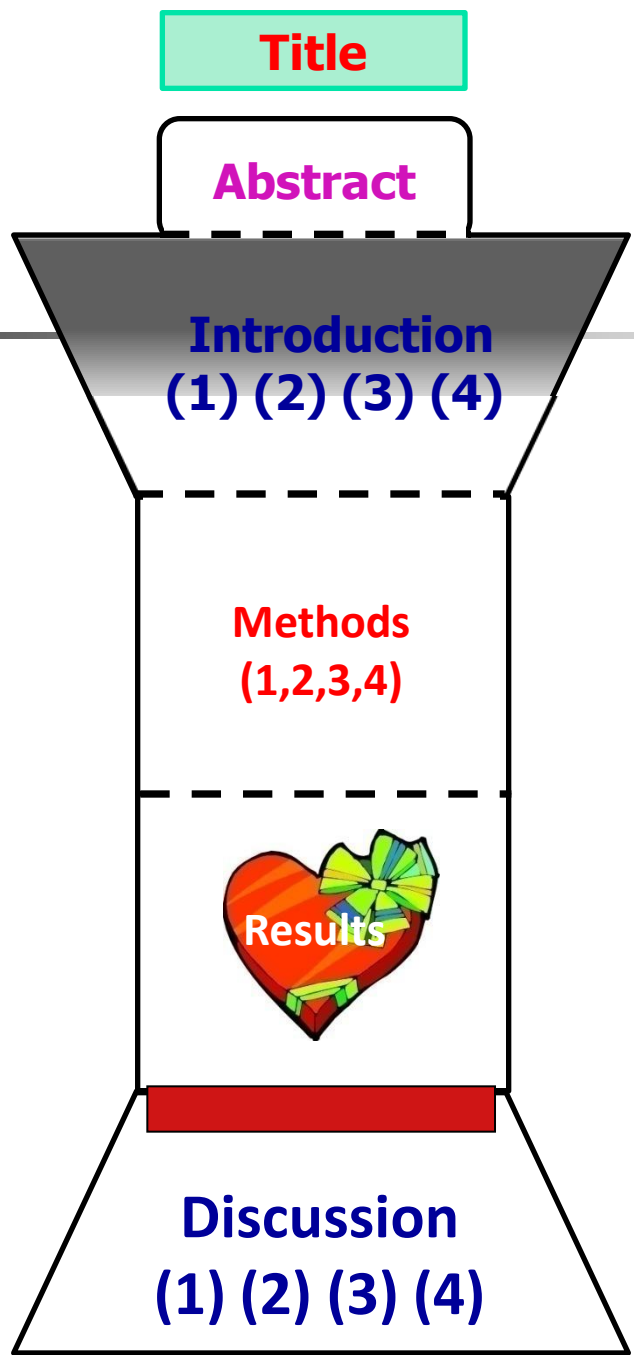
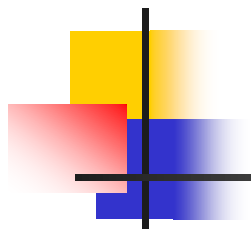
Discussion

- Revisiting previous sections & summarising **key results**
- **Mapping** (relationship to existing research)
- Achievement/Contribution refining the **implications**
- **Limitations**/current and future work/**applications**

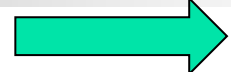


Conclusion

- A default approach is to treat it as **an extended abstract**. But this is also an opportunity to be reflective about what you learned, the uncertainties remaining, the links to other problems, etc.
 - **First paragraph:** focus on what you did. Begin with “We have used...”, “We have investigated...”
 - **Following paragraphs:** one major finding per paragraph. First sentence states the finding, following sentences elaborate.
 - **Final paragraph:** should have some forward-looking perspective. Don't let paper finish on a whimper!



Point



**Problems;
Gap**



**Core;
Key results**



Heart

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Computer Software Websites

- PubMed, Google, Wikipedia, **Clinicalkey**, ...
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- **Endnote**, Dr.Eyes, iCiba, Ninja Words, Tango, Writeahead, Corpus, **Antconc**, ...



Search Engine Websites

➤ **PubMed**

(<http://www.ncbi.nlm.nih.gov/pmc>)

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From today's featured article



Lionel Palairet (1870–1933) was an English amateur cricketer who played for Somerset and Oxford University. A graceful right-handed batsman, he was selected to play Test cricket for England twice in 1902; an unwillingness to tour during the English winter limited his Test appearances. For Somerset, he frequently opened the batting with Herbie Hewitt. In 1892, they shared a partnership of 346 for the first wicket, an opening stand that set a record for the County Championship and remains Somerset's highest first-wicket partnership. In that season, Palairet was named as one of the "Five Batsmen of the Year" by *Wisden*. Over the following decade, he was one of the leading amateur batsmen in England. He passed 1,000 first-class runs in a season on seven occasions, and struck two double centuries. After 1904, he appeared infrequently for Somerset, though he played a full season in 1907 when he was chosen to captain the county. He retired from first-class cricket in 1909, having scored over 15,000 runs. Contemporaries judged Palairet to have one of the most attractive batting styles of the period, and his obituary in *The Times* described him as "the most beautiful batsman of all time". (Full article...)

In the news

- Hamas and Israel agree to a long-term ceasefire brokered by Egypt after **seven weeks of conflict**.
- At the **66th Primetime Emmy Awards**, *Modern Family* wins Outstanding Comedy Series and *Breaking Bad* wins Outstanding Drama Series.
- A copy of the 1938 *Action Comics #1* is auctioned for US\$3.2 million, the highest price paid for a single issue of a comic book.
- Bank of America** agrees to pay more than US\$16 billion for the sale of risky mortgage-backed securities before the Great Recession.
- At least 72 people are killed by a **series of landslides** (damage pictured) in Hiroshima Prefecture, Japan.



Ongoing: Ebola outbreak – Ukrainian conflict

Recent deaths: Richard Attenborough – U. R. Ananthamurthy

On this day

- 我的圖書館
- 我的文章引用情況
- 快訊
- 指標
- 設定



- 搜尋所有網站
- 搜尋所有中文網頁
- 搜尋繁體中文網頁

站在巨人的肩膀上



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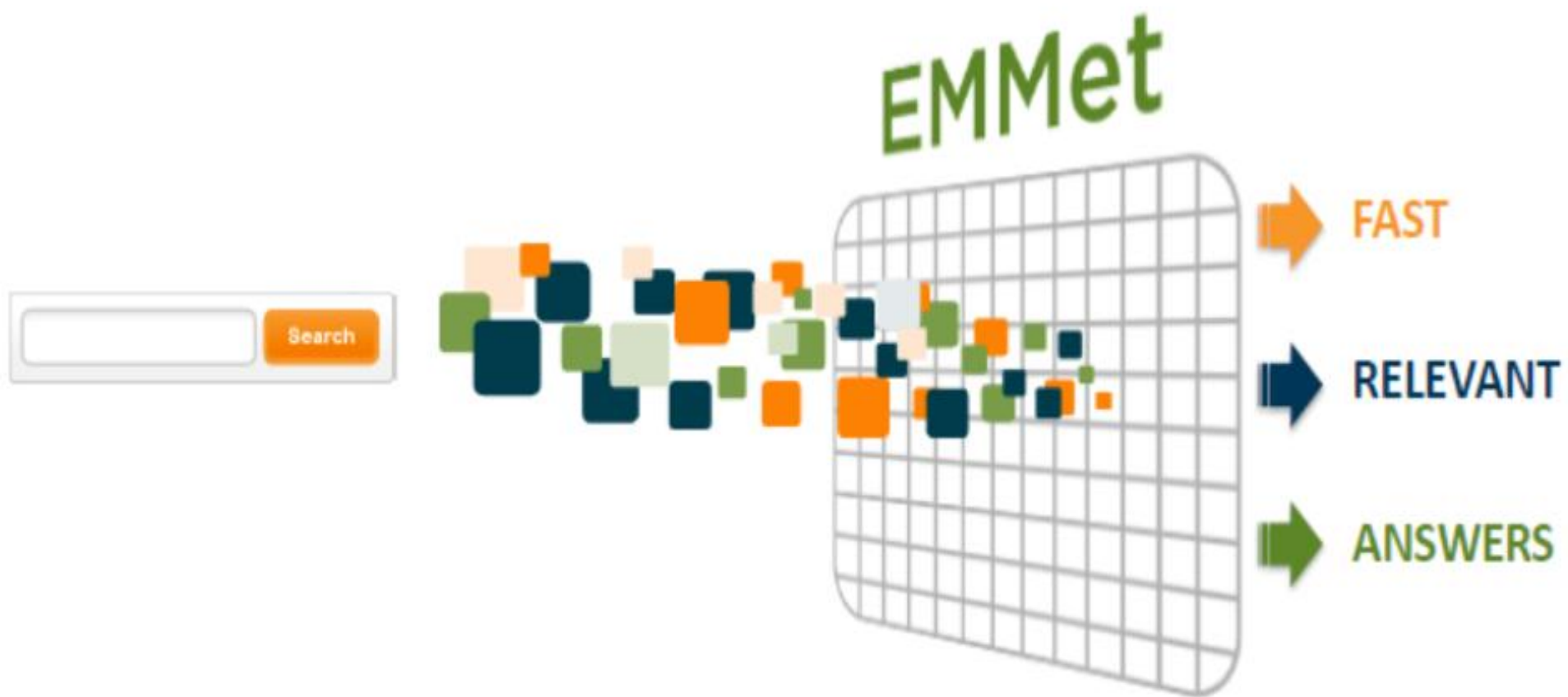
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 - Journals (1748)
 - Books (318)
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 - Clinical Trials (122)
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 - Images (1316)
- Subscribed Content

- M** [Nasopharyngeal Carcinoma Database.](#) [MEDLINE]
 Pua, K C,Khoo, A S B,Yap, Y Y,Subramaniam, S K,Ong, C A,Gopala Krishnan, G,Shahid, H,Malaysian Nasopharyngeal Carcinoma Study Group
Med. J. Malaysia, 2008-09-01,
 Nasopharyngeal carcinoma (NPC) is a cancer which is common in Asia. We report the establishment and early results of a multi-institutional prospective study of nasopharyngeal carcinoma, which seeks to systematically collect data as well as blood a...
- M** [Survival outcome of patients with nasopharyngeal carcinoma with first local failure: a study by the Hong Kong Nasopharyngeal Carcinoma Study Group.](#) [MEDLINE]
 Yu, Kwok Hung,Leung, Sing Fai,Tung, Stewart Yuk,Zee, Benny,Chua, Daniel T T,Sze, Wai Man,Law, Stephen C K,Kam, Michael K M,Leung, To Wai,Sham, Jonathan S T,Lee, Anne W M,Au, Joseph S K,Hui, Edwin P,Sze, Wing Kin,Cheng, Ashley C K,Yau, T K,Ngan, Roger K C,Wong, Frank C S,Au, Gordon K H,Chan, Anthony T C,Hong Kong Nasopharyngeal Carcinoma Study Group
Head Neck, 2005-05-01,
 The purpose of this article is to report the overall survival (OSacrm1) outcome of patients with nasopharyngeal carcinoma (NPCacrm1) with local failure who received salvage treatment and to identify prognostic factors for Overall. Between Januar...
- M** [Fingerprints of Epstein-Barr virus in nasopharyngeal carcinoma.](#) [MEDLINE]
 West, Robert B
Nat. Genet., 2014-07-30,
 The influence of Epstein-Barr virus (EBVacrm1) on cancer is not well understood. High-throughput sequencing of nasopharyngeal carcinoma (NPCacrm1) illustrates the influences of * Epstein-Barr virus * on oncogenesis and identifies driver pathways...
- M** [The genomic landscape of nasopharyngeal carcinoma.](#) [MEDLINE]
 Lin, De-Chen,Meng, Xuan,Hazawa, Masaharu,Nagata, Yasunobu,Varela, Ana Maria,Xu, Liang,Sato, Yusuke,Liu, Li-Zhen,Ding, Ling-Wen,Sharma, Arjun,Goh, Boon Cher,Lee, Soo Chin,Petersson, Bengt Fredrik,Yu, Feng Gang,Macary, Paul,Oo, Min Zin,Ha, Chan Soh,Yang, Henry,Ogawa, Seishi,Loh, Kwok Seng,Koeffler, H Phillip
Nat. Genet., 2014-09-02,

Abstract

Nasopharyngeal carcinoma (NPC) is a cancer which is common in Asia. We report the establishment and early results of a multi-institutional prospective study of nasopharyngeal carcinoma, which seeks to systematically collect data as well as blood and tumour tissue samples from patients diagnosed with nasopharyngeal cancer at six centres in Malaysia. A total of 484 confirmed NPC cases were reported from the six participating centres between 1st July 2007 and 29th February 2008. Of these, 225 were newly diagnosed cases, 53 were recurrent cases and 206 were in remission at the time of reporting. Amongst the newly diagnosed cases, the most common presenting symptom was the presence of neck lumps (42%). Ophthalmic-neurologic symptoms were the presenting symptoms of 11% of the new cases. The majority of cases (75%) presented at stage III/IV.

Keywords

Related Content

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- [Translational research in nasopharyngeal carcinoma](#) [Journal]
 Chiang, Alan K.S., Mak, N.K., Ng, Wai Tong
Oral Oncology, 2014-05-01, Volume 50, Issue 5, 345-352
 Introduction Nasopharyngeal carcinoma (NPCacrm1) is highly prevalent in Southern Chinese populations and has a predilection to affect young adult males. In this endemic region, non-keratinizing and undifferentiated carcinoma constitutes up to 99%...
 - [Non-viral environmental risk factors for nasopharyngeal carcinoma: A systematic review](#) [Journal]
 Jia, Wei-Hua, Qin, Hai-De
Seminars in Cancer Biology, 2012-04-01, Volume 22, Issue 2, 117-126
 1 Introduction Geographic variations in the prevalence of nasopharyngeal carcinoma (NPCacrm1) are remarkable. Epstein-Barr virus (EBVacrm1), as well as environmental factors and genetic components are involved in the aetiology of nasopharyngeal ...
 - [Surgical management of recurrent nasopharyngeal carcinoma](#) [Journal] **Article in Press: Corrected Proof**
 Chan, Jimmy Yu Wai
Oral Oncology, 2013-09-08
 Introduction Nasopharyngeal carcinoma (NPCacrm1) is unique among other head and neck malignancies in its epidemiology, pathology and treatment outcome. It is endemic in southern China and Southeast Asia, affecting 10–50 per 100,000 populations pe...
 - [Unlocking the Rosetta Stone enigma for nasopharyngeal carcinoma: Genetics, viral infection, and epidemiological factors](#) [Journal]
 Lung, Maria Li
Seminars in Cancer Biology, 2012-04-01, Volume 22, Issue 2, 77-78
 The Egyptian Rosetta Stone was originally inscribed in three scripts, which modern scholars used to decode the ancient

Reading List (6) Presentation (2)
 Content Preview
 Search Term 1 of 6
 Early genome-wide transcriptome analysis on microdissected cells from the tissues of nasopharyngeal carcinomas indicated that the Wnt/beta-catenin pathway was altered in nasopharyngeal carcinoma [67]. More recently, the promoter of Wnt inhibitory factor-1 (WIF-1) was found to be hypermethylated in NPC cell lines, and the silencing of WIF-1 is associated with the activation of the Wnt signaling [68]. Methylation was found in 85% (55/65) of NPC primary tumors [69]. Similar high frequency of WIF-1 promoter methylation was also found in 89.7% of the advanced stage of NPC in Tunisia [70]. PRDM5, a translational repressor, has been shown negatively regulate the expression of the Wnt signaling components. In NPC, epigenetic silencing of PRDM5 was frequently found in both the NPC tumors and the cell lines [71]. The activation of Wnt signaling was also observed in the Microarray analysis of NPC samples [72,73]. Components, such as Frizzled homolog 7, CK-II β , β -catenin, CREB-binding protein, and Dishevelled-associated activator of morphogenesis 2 (Daam2), were aberrantly expressed in the NPC tissue microarrays [74].
 Abstract
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- B** [Nasopharyngeal Carcinoma](#) [Book]

Clinical Radiation Oncology - Third Edition, Chapter 32, 619-638, © 2012

Anatomic relationships of the structures of the nasopharynx and adjacent structures. A, Coronal section through the center of the nasopharynx, with view of lateral structures. B, Sagittal section through the nasopharynx lateral to midline, with a ...
 - B** [Nasopharyngeal Carcinoma : 18 F-fluorodeoxyglucose-Positron Emission Tomography](#) [Book]

Cancer Imaging, 30, 505-512, © 2008

Nasopharyngeal carcinoma (NPC) is an epithelial malignancy that occurs worldwide with particularly high frequency in southern china, parts of Southeast Asia, Northern Africa, and Alaska. The etiological factors for endemic NPC include Epstein -Barr...
 - B** [Bone Metastasis in Endemic Nasopharyngeal Carcinoma : 18 F-Fluorodeoxyglucose-Positron Emission Tomography](#) [Book]

Cancer Imaging, 6, 321-326, © 2008

Nasopharyngeal carcinoma (NPC) occurs from the epithelial lining of the nasopharynx. Anatomically, the nasopharynx is bounded anteriorly by the nasal choanae, superiorly by the sphenoid, and posteriorly by the clivus and the first two cervical ver...
 - B** [Nasopharyngeal Carcinoma for Staging and Re-Staging with 18 F-FDG-PET/CT](#) [Book]

Cancer Imaging, 31, 513-521, © 2008

The epidemiology of nasopharyngeal carcinoma (NPCacrm1) suggests multiple determinants including diet, viral agents, and genetic susceptibility. Endemic areas include Southern China, North Africa, and regions within the far Northern Hemisphere. T...
 - B** [Benign and Malignant Tumors of the Nasopharynx](#) [Book]

Cummings Otolaryngology Head & Neck Surgery - Fifth Edition, CHAPTER 99, 1348-1357, © 2010

Reading List (6) + Presentation (2) +

Content Preview

Search Term 1 of 72

Diagnostic algorithm for [nasopharyngeal carcinoma](#).

Chapter Outline ▲

More Results From Book ▲

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- Pathology
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 - Patient Evaluation
 - Staging
- Primary Therapy
 - Single-Modality Therapy
 - Combined-Modality Therapy
- Locally Recurrent or Persistent Disease
 - Surgical Management
 - Reirradiation

B Clinical Radiation Oncology , Third Edition

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Chapter 32 Nasopharyngeal Carcinoma

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Key points

- Nasopharyngeal carcinoma (NPC) is a squamous cell cancer that presents most commonly with neck mass, nasal obstruction and/or drainage, aural dysfunction, and headache
- The most common findings on the initial examination are a neck mass and cranial nerve dysfunction
- The histologic appearance of type III nasopharyngeal carcinoma can be closely mimicked by the diffuse large B-cell subtype of [non-Hodgkin lymphoma](#)
- Positive Epstein-Barr virus (EBV) serology supports the diagnosis
- Radiotherapy is the treatment of choice for local disease
- Patients with persistent otitis that does not clear with conventional treatment should be checked for nasopharyngeal obstruction of the Eustachian tube by tumor. Evaluation by an otolaryngologist and oncologist should be arranged as soon as possible

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• Key points

Background

- Description
- Epidemiology
- Causes and risk factors
- Associated disorders

• Screening

Primary prevention

- Summary approach
- Population at risk
- Preventive measures

Diagnosis

- Summary approach
- Clinical presentation

Diagnostic testing

- Endoscopy with biopsy
- Epstein-Barr virus IgA serol
- Fine needle aspiration
- Magnetic resonance imagin
- Computed tomography
- Chest radiograph
- Bone scan (scintigraphy)
- Liver ultrasound
- Positron emission tomograr



- Study Type
- Date
- Specialty
- Content Type

- All
- J Journals (1748)
- B Books (318)
- FC First Consult (4)
- M MEDLINE (6422)
- CT Clinical Trials (122)
- V Videos (4)
- I Images (1316)

- CT** [Molecular Genetics Study of Nasopharyngeal Carcinoma: Characterization of NPC Susceptibility Gene\(s\)](#) [Clinical Trial]
Conditions: Nasopharyngeal Carcinoma
Interventions:
- CT** [Retrospective Study About Nasopharyngeal Carcinoma at C. S. Parc Tauli](#) [Clinical Trial]
Conditions: Nasopharyngeal Carcinoma
Interventions:
- CT** [Phase II Study of SOX in Patients With Platinum-resistant Nasopharyngeal Carcinoma](#) [Clinical Trial]
Conditions: Nasopharyngeal Carcinoma
Interventions: Drug: S-1 plus oxaliplatin
- CT** [Superiority of Intensity Modulated Radiotherapy in Recurrent T1-2 Nasopharyngeal Carcinoma](#) [Clinical Trial]
Conditions: Nasopharyngeal Cancer Recurrent
Interventions: Radiation: 3D-CRT, IMRT, BT, BT combined 3D-CRT or IMRT
- CT** [High Dose Conditioning With Ifosfamide, Carboplatin, and Etoposide With Autologous Stem Cell Transplantation for Patients With Recurrent Nasopharyngeal Carcinoma](#) [Clinical Trial]
Conditions: Recurrent Nasopharynx Carcinoma
Interventions: Drug: Etoposide phosphate, Drug: Carboplatin, Drug: Ifosfamide, Procedure: Autologous Stem Cell Transplantation
- CT** [Concurrent Cisplatin Chemoradiation With or Without Capecitabine as Adjuvant Chemotherapy in Local Advanced High Risk Nasopharyngeal Carcinoma: Phase II](#)

Purposes

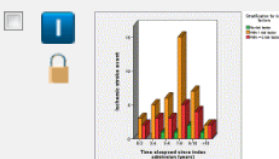
The objective of this study is to characterize genes associated either with susceptibility or resistance to the development nasopharyngeal carcinoma (NPC) in a Chinese population where the incidence of NPC is as high as 50 in 100,000. NPC has been and remains a unique model of human malignancy for understanding a multi-step carcinogenic process involving a ubiquitous virus (Epstein-Barr virus), environmental carcinogens, and an NPC susceptibility gene. Up to 95% of all NPC patients at early or late stage of the disease have IgA antibodies directed to the EBV virus VCA (viral capsid antigen). Environmental factors have also been implicated as significant risk factors in the development of NPC. In addition, certain alleles in HLA genes have shown associations with NPC, perhaps in concert with a family of T-cell receptor genes (TCR). Other data suggest that a microsatellite marker on Chromosome 6 may be associated with an NPC-disease associated gene.

- Conditions**
- Interventions**
- Keywords**

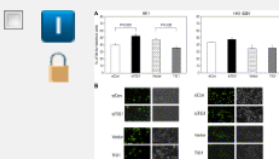


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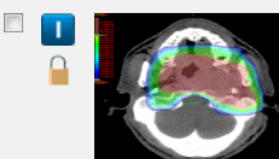
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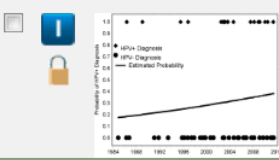
Increased Risk of Ischemic Stroke in Young Nasopharyngeal Carcinoma Patients [Image]
 Lee, Ching-Chih, M.D., Su, Yu-Chieh, M.D., Ho, Hsu-Chueh, M.D., Hung, Shih-Kai, M.D., Lee, Moon-Sing, M.D., Chiou, Wen-Yen, M.D., Chou, Pesus, Ph.D., Huang, Yung-Sung, M.D. - *International Journal of Radiation Oncology, Biology, Physics* - Volume 81, Issue 5, , e833-e838
 The distribution of elapsed duration since index admission in nasopharyngeal carcinoma (NPC) patients with ischemic stroke (n = 62).



Role of the RARRES1 gene in nasopharyngeal carcinoma [Image]
 Kwok, Wai Kei, Pang, Jesse Chung Sean, Lo, Kwok Wai, Ng, Ho-Keung - *Cancer Genetics and Cytogenetics* - Volume 194, Issue 1, , 58-64
 5-Bromo-2'-deoxyuridine incorporation (BrdU) assay. (A) HK1 nasopharyngeal carcinoma (NPCacrm1) cells show significant increase and decrease in proportions of BrdU-labeled cells upon RARRES1 (alias TIG1) knockdown and overexpression, respectivel...



Parapharyngeal Extension of Nasopharyngeal Carcinoma: Still a Significant Factor in Era of Modern Radiotherapy? [Image]
 Ng, Wai T., F.R.C.R., Chan, Siu H., F.R.C.R., Lee, Anne W.M., F.R.C.R., Lau, Kam Y., F.R.C.R., Yau, Tze K., F.R.C.R., Hung, Wai M., C.M.D., M.Sc., Lee, Michael C.H., Ph.D., Choi, Cheuk W., M.Sc. - *International Journal of Radiation Oncology, Biology, Physics* - Volume 72, Issue 4, , 1082-1089
 Dose coverage using conformal radiotherapy for nasopharyngeal carcinoma in presence of parapharyngeal space extension.



Nonendemic HPV-Positive Nasopharyngeal Carcinoma: Association With Poor Prognosis [Image]
 Stenmark, Matthew H., MD, McHugh, Jonathan B., MD, Schipper, Matthew, PhD, Walline, Heather M., MA, Komarck, Christine, BS, Feng, Felix Y., MD, Worden, Francis P., MD, Wolf, Gregory T., MD, Chepeha, Douglas B., MD, Prince, Mark E., MD, Bradford, Carol R., MD, Mukherji, Suresh K., MD, Eisbruch, Avraham, MD, Carey, Thomas E., PhD - *International Journal of Radiation Oncology, Biology, Physics* - Volume 88,

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Subscribed Content ?

-   [Video 1 - Awake uniportal video-assisted thoracoscopic metastasectomy after a nasopharyngeal carcinoma](#) [Video]
 Galvez, Carlos, MD, Bolufer, Sergio, MD, Navarro-Martinez, Jose, MD, DEAA, Lirio, Francisco, MD - *Journal of Thoracic and Cardiovascular Surgery, The* - Volume 147, Issue 3, e24-e26
 This video shows the main aspects of the awake procedure, including positioning of the patient, monitoring, uniportal approach, supplementary oxygen delivery, resection of the lesions, and removal of the specimen; and, at the end, we show how the ...
-   [Supplementary video 1 - Inhibition of store-operated Ca²⁺ entry suppresses EGF-induced migration and eliminates extravasation from vasculature in nasopharyngeal carcinoma cell](#) [Video]
 Zhang, Jinyan, Wei, Jiazhang, Kanada, Masamitsu, Yan, Libo, Zhang, Zhe, Watanabe, Hiroshi, Terakawa, Susumu - *Cancer Letters* - Volume 336, Issue 2, 390-397
 Live imaging of control-siRNA CNE2 cells arrested in vessels for 11 h. The movie was produced from 5 min-interval continuous fluorescence photographs presented in Fig. 4b. The frame rate is 6 fps.
-   [Supplementary video 3 - Inhibition of store-operated Ca²⁺ entry suppresses EGF-induced migration and eliminates extravasation from vasculature in nasopharyngeal carcinoma cell](#) [Video]
 Zhang, Jinyan, Wei, Jiazhang, Kanada, Masamitsu, Yan, Libo, Zhang, Zhe, Watanabe, Hiroshi, Terakawa, Susumu - *Cancer Letters* - Volume 336, Issue 2, 390-397
 Live imaging of Orai-siRNA CNE2 cells arrested in vessels for 11 h. (Fig. 4b, Orai-siRNA-2).
-   [Supplementary video 2 - Inhibition of store-operated Ca²⁺ entry suppresses EGF-induced migration and eliminates extravasation from vasculature in nasopharyngeal carcinoma cell](#) [Video]
 Zhang, Jinyan, Wei, Jiazhang, Kanada, Masamitsu, Yan, Libo, Zhang, Zhe, Watanabe, Hiroshi, Terakawa, Susumu -



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- J** [Expression of seven-in-absentia homologue 1 and hypoxia-inducible factor 1 alpha: Novel prognostic factors of nasopharyngeal carcinoma](#) [Journal]

Kitagawa, Noriko, Kondo, Satoru, Wakisaka, Naohiro, Zen, Yoh, Nakanishi, Yosuke, Tsuji, Akira, Endo, Kazuhira, Muro, Shigeyuki, Yoshizaki, Tomokazu
Cancer Letters, 2013-04-30, Volume 331, Issue 1, 52-57

1 Introduction Nasopharyngeal carcinoma (NPCacrm1) typically manifests with clinically invasive and metastatic features [1]. Despite recent advances in radiation techniques and chemotherapy, local failure and distant metastasis remain poor survi...
- J** [E2F transcription factor 1 overexpression as a poor prognostic factor in patients with nasopharyngeal carcinomas](#) [Journal]

Li, Chien-Feng, Chen, Li-Tzong, Lin, Ching-Yih, Huang, Hsuan-Ying, Hsing, Chung-Hsi, Huang, Chiang-Ting, Shiu, Yow-Ling
Biomarkers and Genomic Medicine, 2013-03-01, Volume 5, Issue 1-2, 23-30

Introduction Nasopharyngeal carcinoma (NPCacrm1) is an endemic head and neck epithelial malignancy in Southeastern Asia and Taiwan; strongly linked to Epstein-Barr virus. 1,2 The latter association is especially authentic for the differentiated an...
- J** [Oxidored-nitro domain containing protein 1 \(NOR1\) expression suppresses slug/vimentin but not snail in nasopharyngeal carcinoma: Inhibition of EMT in vitro and in vivo in mice](#) [Journal]

Wang, Wei, Li, Xiaoling, Zhang, Wenling, Li, Wenjuan, Yi, Mei, Yang, Jianbo, Zeng, Zhaoyang, Wanshura, Leah E. Colvin, McCarthy, James B., Fan, Songqing, Zheng, Pan, Chen, Shengnan, Xiang, Bo, Li, Guiyuan
Cancer Letters, 2014-06-28, Volume 348, Issue 1-2, 109-118

Introduction Nasopharyngeal carcinoma (NPCacrm1) is a significant health problem in south China. * nasopharyngeal carcinoma * frequently invades adjacent regions and metastasizes to regional lymph nodes and distant organs at early stage [1], lea...
- J** [Pathogenic role of Epstein-Barr virus latent membrane protein-1 in the development of](#)

Content Preview

Search Term 1 of 10

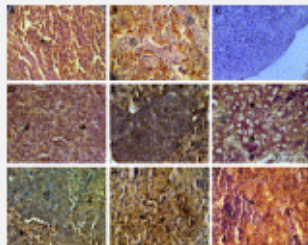
Nasopharyngeal carcinoma (NPC) typically manifests with clinically invasive and metastatic features [1]. Despite recent advances in radiation techniques and chemotherapy, local failure and distant metastasis remain poor survival in patients with advanced NPC [2].

Abstract ▲

Article Outline ▲

Keywords ▲

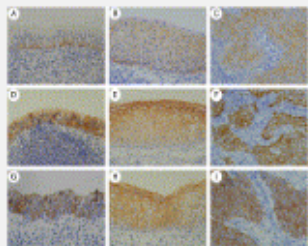
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[Expression and Clinical Significance of Latent Membrane Protein-1, Matrix Metalloproteinase-1 and Ets-1 Transcription Factor in Tunisian Nasopharyngeal Carcinoma Patients](#) [Image]

Ben Nasr, Hela, Chahed, Karim, Remadi, Sami, Zakhama, Abdelfettah, Chouchane, Lotfi - *Archives of Medical Research* - Volume 40, Issue 3, , 196-203

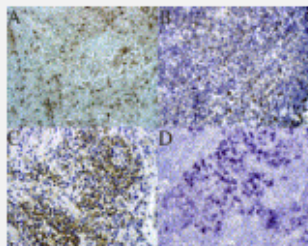
Immunohistochemical staining of paraffin-embedded nasopharyngeal carcinoma (NPC) sections with LMP-1 (A,B), MMP-1 (D-F) or Ets-1 (G,H,I) antibody. (C) LMP-1 staining in normal epithelial cells. Samples were developed using a diaminobenzidine subst...



[Expression pattern and prognostic significance of claudins 1, 4, and 7 in nasopharyngeal carcinoma](#) [Image]

Hsueh, Chuen, MD, Chang, Yu-Sun, PhD, Tseng, Ngan-Ming, MD, PhD, Liao, Chun-Ta, MD, Hsueh, Swee, MD, Chang, Jui-Hung, PhD, Wu, I-Chin, BS, Chang, Kai-Ping, MD, PhD - *Human Pathology* - Volume 41, Issue 7, , 944-950

Membranous expression of claudins 1, 4, and 7 proteins in respiratory type nasopharyngeal epithelium (A, D, and G) and in stratified squamous nasopharyngeal epithelium (B, E, and H). High expression of claudins 1, 4, and 7 in tumor cells of nasoph...



[Expression of seven-in-absentia homologue 1 and hypoxia-inducible factor 1 alpha: Novel prognostic factors of nasopharyngeal carcinoma](#) [Image]

Kitagawa, Noriko, Kondo, Satoru, Wakisaka, Naohiro, Zen, Yoh, Nakanishi, Yosuke, Tsuji, Akira, Endo, Kazuhira, Muro, Shigeyuki, Yoshizaki, Tomokazu - *Cancer Letters* - Volume 331, Issue 1, , 52-57

(A) Immunostaining for seven-in-absentia homologue (Siah1) is shown. Dark brown staining indicates nuclear and cytoplasmic expression of Siah1 in patients with NPC. (B) Immunostaining for hypoxia-inducible factor 1 alpha (HIF1alpha) is shown. Dark...

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Subscribed Content

- CT** [Phase II Trial of PS-341 \(Bortezomib, NSC-681239\) Followed by the Addition of Gemcitabine at Progression in Recurrent or Metastatic Nasopharyngeal Carcinoma](#) [Clinical Trial]
Conditions: Recurrent Nasopharyngeal Cancer, Stage IV Nasopharyngeal Cancer
Interventions: Drug: bortezomib, Drug: gemcitabine hydrochloride, Other: laboratory biomarker analysis
- CT** [Phase II Clinical Trial of Tumour Vaccination By Intradermal Delivery of Autologous Dendritic Cells Transduced With Adenoviral Vector \(AD5F35\) Expressing Latent Membrane Protein-1 \(LMP-1\) and Latent Membrane Protein-2 \(LMP-2\) Genes in Combination With Celecoxib in Patient With Metastatic Nasopharyngeal Carcinoma](#) [Clinical Trial]
Conditions: Head and Neck Cancer
Interventions: Biological: Ad5F35-LMP1/LMP2-transduced autologous dendritic cells, Drug: celecoxib, Other: flow cytometry, Other: immunoenzyme technique, Other: laboratory biomarker analysis
- CT** [Phase II Study of SOX in Patients With Platinum-resistant Nasopharyngeal Carcinoma](#) [Clinical Trial]
Conditions: Nasopharyngeal Carcinoma
Interventions: Drug: S-1 plus oxaliplatin
- CT** [Radiation Therapy in Combination With Indinavir / Ritonavir \(Crixivan / Norvir\) for the Treatment of Brain Metastases: a Randomized Phase II Study](#) [Clinical Trial]
Conditions: Cancer
Interventions: Drug: indinavir sulfate, Drug: ritonavir, Radiation: radiation therapy
- CT** [A Study of Lymphangiogenesis in Colorectal and Nasopharyngeal Cancer](#) [Clinical Trial]
Conditions: Colorectal Cancer, Nasopharyngeal Cancer
Interventions: Procedure: Tumor biopsies

Purposes

This phase II trial is studying how well giving bortezomib together with gemcitabine works in treating patients with recurrent or metastatic nasopharyngeal cancer. Bortezomib may stop the growth of tumor cells by blocking some of the enzymes needed for cell growth. Drugs used in chemotherapy, such as gemcitabine, work in different ways to stop the growth of tumor cells, either by killing the cells or by stopping them from dividing. Giving bortezomib together with gemcitabine may kill more tumor cells

Conditions

Interventions

Keywords



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Huntington's disease (HD) is a neurodegenerative disease characterized by some typical motor or cognitive defects including involuntary chorea, rigidity, dystonia, and cognitive impairment [1]. The symptoms of HD can manifest at any time between the age of 1 year and up to 80 years, but typically arise in the middle-age population [2]. The precise pathophysiological and genetic mechanisms of Huntington's disease are unknown, but evidence suggests that aberrant expansion of the CAG trinucleotide repeats in the Huntington gene (HTT gene) contributes significantly to the epidemiological characteristics of the disease [3,4]. Therefore, the epidemiological data may be a key to uncover the genetic mechanisms of HD. In Taiwan, population-based epidemiological data on HD for the years 2000 to 2007 has been reported [5], but current epidemiological data on HD is scant. Availability of the latest data may help clinicians determine whether

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spastic heart

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例句用法

查词历史

spastic heart

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spastic-heart

痉挛性心

此结果来自百度翻译，长句或段落建议您使用[翻译频道](#)

双语例句

1. He felt the quick, liquid , **spastic** lurching of the gun against his shoulder. 


他感到枪托迅速，滑溜，痉挛地撞在自己的肩头上。

来自辞典例句

2. **Spastic** paralysis is a **spastic** form of cerebral palsy. 

痉挛性瘫痪是一种脑性瘫痪形式。

来自互联网

3. **Spastic** limb paralysis recovery is an important issue to be resolved. 

肢体痉挛是偏瘫恢复中需要解决的重要问题。

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Huntington's disease (HD) is a neurodegenerative disease characterized by some typical motor or cognitive defects including involuntary chorea, rigidity, dystonia, and cognitive impairment [1]. The symptoms of HD can manifest at any time between the age of 1 year and up to 80 years, but typically arise in the middle-age population [2]. The precise pathophysiological and genetic mechanisms of Huntington's disease are unknown, but evidence suggests that aberrant expansion of the CAG trinucleotide repeats in the Huntington gene (HTT gene) contributes significantly to the epidemiological characteristics of the disease [3,4]. Therefore, the epidemiological data may be a key to uncover the genetic mechanisms of HD. In Taiwan, population-based epidemiological data on HD for the years 2000 to 2007 has been reported [5], but current epidemiological data on HD is scant. Availability of the latest data may help clinicians determine whether the change of incidence and prevalence of HD is a result of new CAG expansion of HTT loci, and in turn may lead to an improved health care policy for HD patients.

亨廷顿氏病（HD）是一种神经退行性疾病的特点是一些典型的运动或认知缺陷包括无意识舞蹈病，刚度，肌张力障碍，认知功能障碍[1]。HD的症状可以表现在1岁和80岁之间的任何时间，但通常出现在中间年龄人口[2]。亨廷顿氏病的确切的病理生理和遗传的机制尚不清楚，但有证据表明，异常的扩张在亨廷顿基因CAG三核苷酸重复序列（HTT基因）有助于本病的流行病学特征明显[3,4]。因此，流行病学数据可以发现HD的遗传机制的一个关键。在台湾，以人群为基础的流行病学数据的HD 2000年据报道2007[5]，但是当前对HD的流行病学数据是很少的。最新的数据的可用性，可以帮助医生确定是否发病率及患病率的变化是由于HD基因CAG扩张HTT新，从而可能导致一种改进的HD患者的医疗保健政策。

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亨廷顿氏病（HD）是一种神经退行性疾病的特点是一些典型的运动或认知缺陷包括无意识舞蹈病，刚度，肌张力障碍，认知功能障碍[1]。HD的症状可以表现在1岁和80岁之间的任何时间，但通常出现在中间年龄人口[2]。亨廷顿氏病的确切的病理生理和遗传的机制尚不清楚，但有证据表明，异常的扩张在亨廷顿基因CAG三核苷酸重复序列（HTT基因）有助于本病的流行病学特征明显[3,4]。因此，流行病学数据可以发现HD的遗传机制的一个关键。在台湾，以人群为基础的流行病学数据的HD 2000年据报道2007[5]，但是当前对HD的流行病学数据是很少的。最新的数据的可用性，可以帮助医生确定是否发病率及患病率的变化是由于HD基因CAG扩张HTT新，从而可能导致一种改进的HD患者的医疗保健政策。

Huntington's disease (HD) is a neurodegenerative disease is some typical motor or cognitive defects include involuntary chorea, dystonia, rigidity, cognitive dysfunction [1]. HD symptoms can appear in the 1 and 80 years old between any time, but usually appear in middle age population [2]. The exact mechanisms in Huntington's disease pathophysiology and genetic is unclear, but there is evidence that abnormal expansion of trinucleotide repeat, Huntington in the sequence of CAG gene (HTT gene) contributes significantly to the epidemiological characteristics of the disease [3,4]. Therefore, the epidemiological data can be found a key genetic mechanism of HD. In Taiwan, population-based epidemiologic data of HD it is reported that in 2000 2007 [5], but the current epidemiological data on the HD is little. The availability of new data, can help doctors determine whether the incidence rate and prevalence rate of change is due to the HD gene of CAG HTT the new expansion, which may lead to an improved HD patients' medical treatment and health care policy.

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亨廷顿氏病（HD）是一种神经退行性疾病的特点是一些典型的运动或认知缺陷包括无意识舞蹈病，刚度，肌张力障碍，认知功能障碍[1]。HD的症状可以表现在1岁和80岁之间的任何时间，但通常出现在中间年龄人口[2]。亨廷顿氏病的确切的病理生理和遗传的机制尚不清楚，但有证据表明，异常的扩张在亨廷顿基因CAG三核苷酸重复序列（HTT基因）有助于本病的流行病学特征明显[3,4]。因此，流行病学数据可以发现HD的遗传机制的一个关键。在台湾，以人群为基础的流行病学数据的HD 2000年据报道2007[5]，但是当前对HD的流行病学数据是很少的。最新的数据的可用性，可以帮助医生确定是否发病率及患病率的变化是由于HD基因CAG扩张HTT新，从而可能导致一种改进的HD患者的医疗保健政策。

ハンチントン氏病（HD）は一種の神経変性疾患の特徴はいくつかの典型的な運動や認知欠陥は無意識の舞蹈病、剛度、ジストニア[1]、認知機能障害。HDの症状を表現できる1歳や80歳の間いずれかの時間が、通常が中間年齢人口[2]。ハンチントン氏病の適切な病態生理遺伝のメカニズムはまだ明らかでないが、証拠は、異常な拡張遺伝子CAGハンチントンで三核苷酸反復配列（HTT遺伝子）に役立つと病気の疫学特徴的[3、4。だから、疫学データを発見することができるHDの遺伝のメカニズムのキー。台湾では、人は基礎の疫学データのHD 2000年による2007[5]が、当面はHDの疫学データは少ない。最新のデータの有効性を助けることができるかどうか、医師の発症率及び罹患率の変化はHD遺伝子CAG拡張HTT新しいことによって、1種の改善につながる可能性のHD患者の医療保健政策。

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ハンチントン氏病（HD）は一種の神経変性疾患の特徴はいくつかの典型的な運動や認知欠陥は無意識の舞蹈病、剛度、ジストニア[1]、認知機能障害。HDの症状を表現できる1歳や80歳の間のいずれかの時間が、通常が中間年齢人口[2]。ハンチントン氏病の適切な病態生理遺伝のメカニズムはまだ明らかでないが、証拠は、異常な拡張遺伝子CAGハンチントンで三核苷酸反復配列（HTT遺伝子）に役立つと病気の疫学特徴的[3、4。だから、疫学データを発見することができるHDの遺伝のメカニズムのキー。台湾では、人は基礎の疫学データのHD 2000年による2007[5]が、当面はHDの疫学データは少ない。最新のデータの有効性を助けることができるかどうか、医師の発症率及び罹患率の変化はHD遺伝子CAG拡張HTT新しいことによって、1種の改善につながる可能性のHD患者の医療保健政策。

亨廷顿氏病（HD）是一种神经退行性疾病的特点是有几种典型的运动和认知缺陷是无意识的舞蹈病，刚度，肌张力障碍[1]，认知机能障碍。HD的症状表现1岁和80岁之间的任何时间，通常中间年龄人口[2]。亨廷顿氏病的适当的病态生理遗传的机制尚不清楚，但证据，异常的扩张基因CAG亨廷顿在三核苷酸反復配列（HTT基因）的帮助与疾病的流行病学特征[3、4。所以，学的数据可以发现HD的遗传的机制的钥匙。在台湾，人基础的流行病学数据的HD 2000年根据2007[5]，目前HD的流行病学数据很少。最新的数据的有效性，是否可以帮助医生的发病率及患病率的变化是HD基因CAG扩张HTT新，从而一种改善可能性的HD患者的医疗保健政策。

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亨廷顿氏病 (HD) 是一种神经退行性疾病的特点是有几种典型的运动和认知缺陷是无意识的舞蹈病, 刚度, 肌张力障碍[1], 认知机能障碍。HD的症状表现1岁和80岁之间的任何时间, 通常中间年龄人口[2]。亨廷顿氏病的适当的病态生理遗传的机制尚不清楚, 但证据, 异常的扩张基因CAG亨廷顿在三核苷酸反复配列 (HTT基因) 的帮助与疾病的流行病学特征[3, 4。所以, 学的数据可以发现HD的遗传的机制的钥匙。在台湾, 人基础的流行病学数据的HD 2000年根据2007 [5], 目前HD的流行病学数据很少。最新的数据的有效性, 是否可以帮助医生的发病率及患病率的变化是HD基因CAG扩张HTT新, 从而一种改善可能性的HD患者的医疗保健政策。

Huntington's disease (HD) is a neurodegenerative disease is to have several typical motor and cognitive defects is unconscious chorea, dystonia, rigidity, [1], cognitive function obstacle. HD manifestations of 1 and 80 years old between any time, usually an intermediate age population [2]. Mechanism of Huntington's disease genetic appropriate pathophysiology is unclear, but the evidence, abnormal expansion of CAG trinucleotide repeat gene Huntington in line (HTT gene) epidemiological characteristics [help with disease 3, 4. Therefore, the data can be found mechanism of HD genetic keys. In Taiwan, people of the epidemiological data based HD in 2000 according to 2007 [5], the epidemiological data of HD rarely. The effectiveness of the new data, whether the incidence rate could help physicians and the changing prevalence of HD gene CAG expansion HTT, health care policy and a possibility of improving HD patients.

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A really fast dictionary... fast like a ninja.

look up

random

soda pop

noun

- (regional in US) Any of several sweetened, carbonated beverages.

"On a hot day, there's nothing I like more than soda pop."

synonyms: pop, soda, fizzy, tonic *more»*

pop

noun

- A loud, sharp sound as of a cork coming out of a bottle.
"Listen to the pop of a Champagne cork."
- (colloquial) an effervescent or fizzy drink most frequently nonalcoholic; soda pop.

Your history

soda pop

pop

energy drink

energy

crash

jolt

suit

compound

Red Bull

red bull

« »



ninja words

A really fast dictionary... fast like a ninja.

look up

random

energy drink

noun

- A caffeinated soft drink containing added ingredients advertised as increasing alertness, performance etc.
-

soda pop

noun

- (regional in US) Any of several sweetened, carbonated beverages.

"On a hot day, there's nothing I like more than soda pop."

synonyms: pop, soda, fizzy, tonic [more»](#)

Your history

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Other Websites

➤ Tango

<http://candle.fl.nthu.edu.tw/collocation>

➤ WriteAhead

<http://newgenerationresearcher.blogspot.tw/2009/11/writeahead.html>

➤ Antconc

<http://www.antlab.sci.waseda.ac.jp/software.html>

➤ Translator websites



<http://candle.fl.nthu.edu.tw/collocation/>



Department of Computer Science
National Tsing Hua University
Natural Language Processing Lab.

Text collection:

Search word: (E)
(C)

Verb Noun Adjective

sort:

collocation types:



Search word: (E) Verb Noun Adjective
(C)

sort:

collocation types:

- | | | | | |
|---------------------------------|-------------------------------|------------------------------|---------------------------------|-------------------------------|
| 1. ~ problem | 2. ~ issue | 3. ~ concern | 4. ~ deficiency | 5. ~ jury |
| 6. ~ meeting | 7. ~ need | 8. ~ point | 9. ~ question | 10. ~ session |
| 11. ~ situation | 12. ~ subject | 13. ~ topic | | |

1 2 3

Search word: address

目前搜尋總筆數：13

[1. address problem \(6\)](#)

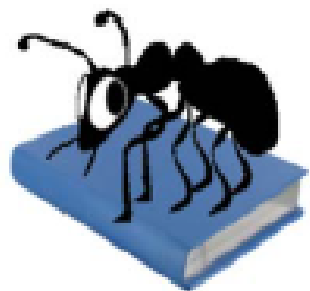
To **address** this **problem**, the Old Five Old Foundation is looking at setting up a communal kitchen in Puli 's Tanan neighborhood, to make meals less of a chore for the old people there. 因而老五老基金會評估在大湳社區設立一個共同廚房的可能性，讓老人家不用為吃飯辛勞。

[2. address issue \(5\)](#)

To **address** these **issues**, Taiwan has been learning hard from Silicon Valley in the US, striving to make drastic changes and improvements in terms of system, philosophy and cultural levels. 為了因應這樣的新趨勢，台灣近幾年不斷向美國矽谷取經，力求在制度上、觀念上，甚至文化素養上作大幅度的改變和提昇。

[3. address concern \(1\)](#)

Art often has the courage to do what people do 't dare do, and say what they dare not say, and the notion of artistic freedom is therefore like an amulet for artists. But when art is introduced to a relatively conservative community and comes into conflict with traditional ideas, it is all the more important for the curator to sincerely **address** the **concerns** of the local people. 藝術作品往往感人所未感，言人所不敢言，因此藝術自由一向為藝術家們的護身符，然而當作品到了較為保守的地方社區，與傳統觀念有了衝突時，策展人更應誠懇**面對**地方人士的質疑。



AntConc (Windows, Macintosh OS X, and Linux)

Build 3.2.4

Laurence Anthony, Ph.D.

Center for English Language Education in Science and Engineering, School of Science and Engineering, Waseda University, 3-4-1 Okubo, Shinjuku-ku, Tokyo 169-8555, Japan

October 4, 2011

Introduction

AntConc is a freeware, multiplatform tool for carrying out corpus linguistics research and data-driven learning. It runs on any computer running Microsoft Windows (tested on Win 98/Me/2000/NT, XP, Vista, Win 7), Macintosh OS X (tested on 10.4.x, 10.5.x, 10.6.x), and Linux (tested on Ubuntu 10). It is developed in Perl using ActiveState's PerlApp compiler to generate executables for the different operating systems.

Installation

Windows

On Windows systems, simply double click the *AntConc* icon and this will launch the program. No installation is necessary.

Macintosh OS X

On Macintosh systems, first install and launch X11. X11 is a graphical toolkit that is available on the disks included with the computer or via the Apple website. Next, double click double click the *AntConc* icon and this will launch the program. No installation is necessary.





Corpus Files

Empty area for listing corpus files.

Total No. 0

- Concordance
- Concordance Plot
- File View
- Clusters
- Collocates
- Word List
- Keyword List

Hit	KVWC	File
Empty concordance table.		

Search Term Words Case Regex

Advanced

Start Stop Sort

Concordance Hits

0

Search Window Size

50

Corpus Files

- Changes in brai
- depression in t
- High prevalence
- Magnesium in ma
- Nutritional Nev
- Schizophrenia F
- Zinc deficiency
- Magnesium intak
- magnesium statu
- Reversal of typ
- What about magr
- A connection be
- A connection be
- A model of the
- A TRPM7 variant
- Abstracts of 9t
- Abstracts of Jc
- Abstracts of Jc
- Abstracts of Jc
- Abstracts of Jc
- Abstracts of Jc
- Abstracts of Th
- Acid-base condi
- Ageing, hipposc
- Altered ionized
- Antagonism betw
- Anxiety and str
- Archives of Bic
- Are the transic

- Concordance
- Concordance Plot
- File View
- Clusters
- Collocates
- Word List
- Keyword List

Hit	KWIC	File
123	ne-Delalande B. Loss of MAGT1 abrogates the Mg2+ flux	Loss of MAGT
124	of the Mg2+ transporter MAGT1 as the cause of this d	Loss of MAGT
125	d an Mg2+ flux through MAGT1 that was important for	Loss of MAGT
126	we ruled out large MAGT1 in T cell signaling +	Loss of MAGT
127	nt in both patients in MAGT1 , a gene coding for a M	Loss of MAGT
128	on of the exon 7 of MAGT1 and induced the splicing	Loss of MAGT
129	led to a decrease of MAGT1 mRNA of .80 % by nonse	Loss of MAGT
130	leading to the loss of MAGT1 protein expression in th	Loss of MAGT
131	sion in the patients. MAGT1 deficiency impairs TCR-in	Loss of MAGT
132	about the function of MAGT1 in lymphocytes prior to	Loss of MAGT
133	AL. 293T) showed that MAGT1 induces a highly selecti	Loss of MAGT
134	ich was consistent with MAGT1 as a Mg2+ transporter i	Loss of MAGT
135	defect and the loss of MAGT1 in the patients, we loo	Loss of MAGT
136	h ectopic expression of MAGT1 , restoring the TCR-induce	Loss of MAGT
137	results established that MAGT1 mediated the Mg2+ influx	Loss of MAGT
138	cell activation. Thus, MAGT1 deficiency was the proba	Loss of MAGT
139	of PLC 1 activation in MAGT1 -deficient patients Sinc	Loss of MAGT
140	Mg2+ influx mediated by MAGT1 after TCR stimulation wa	Loss of MAGT
141	d for by overexpressing MAGT1 in the B cell line [21	Loss of MAGT

Search Term Words Case Regex **Concordance Hits** 263 **Search Window Size** 50

Translator websites

➤ Text Translator

(http://www.worldlingo.com/en/products/text_translator.html)

➤ Language Translation Online

(<http://www.all-translation.com/>)

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英文 (已自動偵測)

Huntington's disease (HD) is a neurodegenerative disease characterized by some typical motor or cognitive defects including involuntary chorea, rigidity, dystonia, and cognitive impairment [1]. The symptoms of HD can manifest at any time between the age of 1 year and up to 80 years, but typically arise in the middle-age population [2]. The precise pathophysiological and genetic mechanisms of Huntington's disease are unknown, but evidence suggests that aberrant expansion of the CAG trinucleotide repeats in the Huntington gene (HTT gene) contributes significantly to the epidemiological characteristics of the disease [3,4]. Therefore, the epidemiological data may be a key to uncover the genetic mechanisms of HD. In Taiwan, population-based epidemiological data on HD for the years 2000 to 2007 has been reported [5], but current epidemiological data on HD is scant. Availability of the latest data may help clinicians determine whether the change of incidence and prevalence of HD is a result of new CAG expansion of HTT loci, and in turn may lead to an improved health care policy for HD patients.

1105/5000



繁體中文

聽譯


亨廷頓氏舞蹈病（HD）是一種神經退行性疾病特點是由一些典型電機或認知缺陷包括非自願舞蹈病、剛度、肌張力障礙和認知功能障礙 [1]。症狀的房屋署可在 1 年的年齡之間的任何時間清單和達 80 多年，但通常出現在中年時期人口 [2]。亨廷頓氏病的精確的病理生理和遺傳機制是未知的但證據表明異常擴張的 CAG 三核苷酸重複序列在亨廷頓基因（HTT 基因）大大有助於疾病 [3，4] 的流行病學特徵。因此，流行病學資料可能揭開高清的遺傳機制的關鍵。在臺灣，基於人口的流行病學資料上高清年 2000 年到 2007 年已報導 [5]，但當前的流行病學資料上高清是很少。最新資料的可用性可能有助於確定是否變化的發生率和患病率的高清新 CAG 擴張的 HTT 基因位點，結果以及反過來可能會導致改善衛生保健政策為 HD 患者的臨床醫生。





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Plagiarism



Oxford English Dictionary

What is plagiarism?

The Oxford English Dictionary (2011) defines the verb to "plagiarize" as

I

- "to take and use as one's own (the thoughts, writings, or inventions of another person);"
- "to copy (literary work or ideas) improperly or without acknowledgement; (occas.) to pass off as one's own the thoughts or work of (another)"

The Oxford English Dictionary (2011) defines "plagiarism" with more criminal terms, or as

- "literary theft."



Types of Plagiarism

Many types of plagiarism exist; some are obvious and some are not. A writer must know what constitutes plagiarism because ignorance of the facts will not excuse him or her from the consequences. The University of Pittsburgh's undergraduate plagiarism policy (University of Pittsburgh, 2008) lists examples of plagiarism:

- Copying text "as is" without quotation marks and with no citation or source.
- Reordering the elements of the source text without citation.
- Copying pieces (sentences, key phrases) of the source text without citation.
- Paraphrasing without citation.
- Reproducing information that is not common knowledge or self-evident without citation.
- Incorporating an idea heard in conversation without citation.
- Using your own past material or another student's material as a new idea without citation.
- Paying for another to contribute to your work without citation.
- Using software or online translators to translate material without citation.
- Paying someone else to do your work, purchasing material, or translating from someone else's material (web-based or hard copy). (Calvano, 2011, p.1)





Plagiarism



No credit given

"Stealing of published material"

Small modifications made



One form of academic plagiarism involves appropriating a published article and modifying it slightly to avoid suspicion.



Plagiarism is the "wrongful appropriation" and "purloining and publication" of another author's "language, thoughts, ideas, or expressions," and the representation of them as one's own original work.^{[1][2]} The idea remains problematic with unclear definitions and unclear rules.^{[3][4][5][6]} The modern concept of plagiarism as immoral and originality as an ideal emerged in Europe only in the 18th century, particularly with the Romantic movement.

Plagiarism is considered academic dishonesty and a breach of journalistic ethics. It is subject to sanctions like expulsion.

Plagiarism is not a crime *per se* but in academia and industry it is a serious moral offence,^{[7][8]} and cases of plagiarism can constitute copyright infringement.



In academia and journalism

[edit]

Within **academia**, plagiarism by students, professors, or researchers is considered **academic dishonesty** or academic fraud, and offenders are subject to academic censure, up to and including **expulsion**. In **journalism**, plagiarism is considered a breach of **journalistic ethics**, and reporters caught plagiarizing typically face disciplinary measures ranging from suspension to termination of employment. Some individuals caught plagiarizing in academic or journalistic contexts claim that they plagiarized unintentionally, by failing to include **quotations** or give the appropriate **citation**. While plagiarism in scholarship and journalism has a centuries-old history, the development of **the Internet**, where articles appear as electronic text, has made the physical act of copying the work of others much easier.

For professors and researchers, plagiarism is punished by sanctions ranging from suspension to termination, along with the loss of credibility and perceived integrity.^{[13][14]} Charges of plagiarism against students and professors are typically heard by internal disciplinary committees, by which students and professors have agreed to be bound.^[15]



Self-plagiarism (also known as "recycling fraud"^[24]) is the reuse of significant, identical, or nearly identical portions of one's own work without acknowledging that one is doing so or without citing the original work. Articles of this nature are often referred to as duplicate or **multiple publication**. In addition to the ethical issue, this can be illegal if copyright of the prior work has been transferred to another entity. Typically, self-plagiarism is only considered to be a serious ethical issue in settings where a publication is asserted to consist of new material, such as in publishing or factual documentation.^[25] It does not apply (except in the legal sense) to public-interest texts, such as social, professional, and cultural opinions usually published in newspapers and magazines.

In academic fields, self-plagiarism occurs when an author reuses portions of his own published and copyrighted work in subsequent publications, but without attributing the previous publication.^[26] Identifying self-plagiarism is often difficult because limited reuse of material is accepted both legally (as **fair use**) and ethically.^[27]

It is common for university researchers to rephrase and republish their own work, tailoring it for different academic journals and newspaper articles, to disseminate their work to the widest possible interested public. However, these researchers also obey limits: If half an article is the same as a previous one, it will usually be rejected. One of the functions of the process of **peer review** in academic writing is to prevent this type of "recycling"..

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Top 10 FREE Plagiarism Detection Tools

The act of taking someone else's ideas and passing them off as your own defines the concept of "plagiarism". As it is shown by the growing educational concerns, plagiarism has now become an integral part of our digital lives as technology, with the billions of information it gives us access to, led to the exacerbation of this phenomenon.

1. [Anti-Plagiarism](#) Anti-Plagiarism is a software designed to effectively detect and thereby prevent plagiarism. It is a versatile tool to deal with World Wide Web copy-pasting information from the assignment of authorship. The goal of this program is to help reduce the impact of plagiarism on education and educational institutions. At present, it distributes free software to detect plagiarism. Checking documents in a format *.rtf, *.doc, *.docx, *.pdf
2. [DupliChecker](#) DupliChecker is a tool 100% free to use. Just copy-paste, or upload your essay, thesis, website content or articles, and click 'search', and you'll get the analysis reports within seconds.

3. [PaperRater](#) Paper Rater offers three tools: Grammar Checking, Plagiarism Detection and Writing Suggestions. It is a free resource that is developed and maintained by linguistics professionals and graduate students. It is absolutely free to use and it allows you to check for plagiarized parts in your students' essays.
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5. [PlagiarismChecker](#) PlagiarismChecker.com makes it simple for educators to check whether a student's paper has been copied from the Internet. Users can also use the "Author" option to check if others have plagiarized their work online. It is very easy to use as it does not require any download or installation.
6. [Plagium](#) Plagium is a free plagiarism detection tool. It's very easy to use. All you have to do is paste in the original portion of text (max 250 characters) and hit "search. It is available in six languages and an Alert feature is also available.

7. [PlagTracker](#) Plagtracker is another online plagiarism detection service that checks whether similar text content appears elsewhere on the web. It starts scanning all internet pages and more than 20 million academic works for any plagiarized copy. After scanning, you will receive a report with details about your work.
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9. [SeeSources](#) SeeSources is an online, automatic and free plagiarism checker. Choose MS Word in the formats (.doc/ .docx) or HTML in the formats (.htm) or text (.txt) or text document (max. 300kB, 1000 words). With "Start Analysis" the source search begins. You will be updated about the progress continuously, search takes about 1 minute per document.
10. [Plagiarism Detector](#) Plagiarism Detector is a software especially designed keeping the growing content requirement over the internet in mind. Equally useful for teachers, students and website owners. It scans the documents and detects plagiarism and provides an instant report. Your content should not be in a specific format. You simply need to copy/paste your content in the provided window and press search button. This is it!

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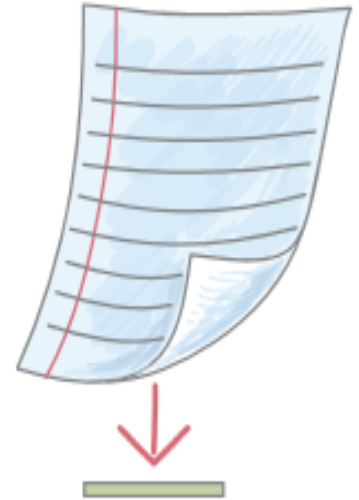
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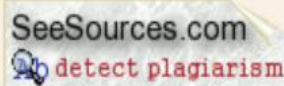
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"MRO" is the designation of an individual who has a vital role in the overall drug-testing process.

"MRO" is the designation of an individual who has a vital role in the overall drug-testing

"Medical Review Officer" who (medical doctor). The MRO

the employee being tested and the employer requiring the

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patients with and without diabetes. Our findings that the CKD patients with diabetes had lower serum albumin and a higher proportion of hypomagnesaemia and osteoporosis. Moreover, hypomagnesaemia may cause low iPTH level and bone diseases in CKD patients with diabetes. Serum Mg was positively correlated with iPTH, ALP and P in the CKD patients with diabetes. For CKD patients without diabetes, serum Mg showed an inverse correlation with 25 (OH) D. In addition, serum Mg was significant inversely correlated with serum Ca and eGFR in the CKD patients with and without diabetes.

In the present study, CKD patients with diabetes had lower serum albumin and a higher proportion of hypomagnesemia and osteoporosis than those of CKD patients without diabetes. The possible explanations for this are that diabetic nephropathy is characterized by decreased renal function and significant albuminuria [20]. Serum albumin acts as a transport protein for numerous substances include Mg and Ca [27]. Therefore, the amount of total Mg and Ca may lower with the serum albumin decreasing in CKD patients with diabetes. A retrospective cohort study reported that the subjects with low serum Mg had higher proteinuria and lower serum albumin levels among CKD patients with and without diabetes. In particular, CKD patients with diabetes had more serious proteinuria and low level of serum albumin and Mg than those of nondiabetic CKD patients [28]. Dewitte et al. also reported that renal failure patients with diabetes had lower blood Mg level than that of the nondiabetic patients [29]. Hypomagnesemia is common in patients with diabetes [22], and it is the association with osteoporosis [13]. Our findings suggest the presence of low serum albumin and hypomagnesemia may be related to the development of osteoporosis in CKD patients



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It is known that inappropriate management and or control of abnormal bone mineral metabolism predisposes CKD patients to some complications. The aim of the present study is to investigate the effects of serum Mg levels on bone mineral metabolism among the CKD patients with and without diabetes. Our findings that the CKD patients with diabetes had lower serum albumin and a higher proportion of hypomagnesaemia and osteoporosis. Moreover, hypomagnesaemia may cause low iPTH level and bone diseases in CKD patients with diabetes. Serum Mg was positively correlated with iPTH, ALP and P in the CKD patients with diabetes. For CKD patients without diabetes, serum Mg showed an inverse correlation with 25 (OH) D. In addition, serum Mg was significant inversely correlated with serum Ca and eGFR in the CKD patients with and without diabetes.

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In the CKD patients with and without diabetes. Our finding in CKD patients without diabetes was consistent with Sakaguchi et al. reported that serum Mg level was a negative correlation with creatinine clearance in patients without type 2 diabetes [28]. Dewitte et al. also reported that serum Mg level increases when creatinine clearance from 115 falls to 30 ml/min in renal failure patients without diabetes. Nevertheless, Sakaguchi et al. indicated that serum Mg level was not **increasing** with creatinine clearance declines in the diabetic patient [28]. Dewitte et al. also showed **serum Mg level** was not **increasing** with creatinine clearance declines in the diabetic patient [29]. Although CKD patients with diabetes had higher proteinuria levels and lower serum Mg level than those of nondiabetic CKD patients [28, 29], serum Mg may be raised with renal functional declines. As GFR falls to below 30 ml/min, urinary Mg excretion may be insufficient to balance **intestinal Mg absorption** [14]. Thus, CKD patient with diabetes may be similar to **CKD patient** without diabetes in declining renal function was accompanied by increases in serum Mg level. Our data suggested that there is an inverse correlation between serum Mg level with **eGFR** in the CKD patients with and without diabetes. This **also point** dietary Mg intake should be a major determinant of serum Mg levels when serum Mg is raised with renal functional declines.

Our findings may have policy implications for medical care in CKD patients with and without diabetes. In general, CKD disrupts **Ca** and P homeostasis and causes alterations of PTH and vitamin D. These alterations may lead to bone diseases. Nevertheless, the importance of Mg imbalance in disorders of bone mineral metabolism has been neglected in clinical management of patients with CKD. Our findings suggested that low serum Mg may cause insufficient parathyroid hormone action and further may lead to bone diseases in CKD patients with diabetes. For these patients, adequate Mg intake by diet or supplement may reduce **development** of low-turnover bone disease. In contrast, inhibit effect of high serum Mg level on PTH secretion may be offset by the stimulation **produced though** low serum **Ca in** moderate-severe CKD patients are not receiving dialysis. We suggest that these patients maintain serum Ca level within the optimal range and avoided consuming **excess amount** of Mg and P should be **considering** for reducing risks of high -turnover bone diseases. Moreover, routine monitoring of serum Mg levels and pay attention to balance of serum Ca and Mg are important in the assessment and **management of bone mineral disorders in CKD patients with and without**.



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in the CKD patients with and without diabetes. Our finding in CKD patients without diabetes was consistent with Sakaguchi et al. reported that serum Mg level was a negative correlation with creatinine clearance in patients without type 2 diabetes [28]. Dewitte et al. also reported that serum Mg level increases when creatinine clearance from 115 falls to 30 ml/min in renal failure patients without diabetes. Nevertheless, Sakaguchi et al. indicated that serum Mg level was not **increasing** with creatinine clearance declines in the diabetic patient [28]. Dewitte et al. also showed **serum Mg level** was not **increasing** with creatinine clearance declines in the diabetic patient [29]. Although CKD patients with diabetes had higher proteinuria levels and lower serum Mg level than those of nondiabetic CKD patients [28, 29], serum Mg may be raised with renal functional declines. As GFR falls to below 30 ml/min, urinary Mg excretion may be insufficient to balance **intestinal Mg absorption** [14]. Thus, CKD patient with diabetes may be similar to **CKD patient** without diabetes in declining renal function was accompanied by increases in serum Mg level. Our data suggested that there is an inverse correlation between serum Mg level with **eGFR** in the CKD patients with and without diabetes. This **also point** dietary Mg intake should be a major determinant of serum Mg levels when serum Mg is raised with renal functional declines.

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in the CKD patients with and without diabetes. Our finding in CKD patients without diabetes was consistent with Sakaguchi et al. reported that serum Mg level was a negative correlation with creatinine clearance in patients without type 2 diabetes [28]. Dewitte et al. also reported that serum Mg level increases when creatinine clearance from 115 falls to 30 ml/min in renal failure patients without diabetes. Nevertheless, Sakaguchi et al. indicated that serum Mg level was not **increasing** with creatinine clearance declines in the diabetic patient [28]. Dewitte et al. also showed **serum Mg level** was not **increasing** with creatinine clearance declines in the diabetic patient [29]. Although CKD patients with diabetes had higher proteinuria levels and lower serum Mg level than those of nondiabetic CKD patients [28, 29], serum Mg may be raised with renal functional declines. As GFR falls to below 30 ml/min, urinary Mg excretion may be insufficient to balance **intestinal Mg absorption** [14]. Thus, CKD patient with diabetes may be similar to **CKD patient** without diabetes in declining renal function was accompanied by increases in serum Mg level. Our data suggested that there is an inverse correlation between serum Mg level with **eGFR** in the CKD patients with and without diabetes. This **also point** dietary Mg intake should be a major determinant of serum Mg levels when serum Mg is raised with renal functional declines.

Our findings may have policy implications for medical care in CKD patients with and without diabetes. In general, CKD disrupts **Ca** and P homeostasis and causes alterations of PTH and vitamin D. These alterations may lead to bone diseases. Nevertheless, the importance of Mg imbalance in disorders of bone mineral metabolism has been neglected in clinical management of patients with CKD. Our findings suggested that low serum Mg may cause insufficient parathyroid hormone action and further may lead to bone diseases in CKD patients with diabetes. For these patients, adequate Mg intake by diet or supplement may reduce **development** of low-turnover bone disease. In contrast, inhibit effect of high serum Mg level on PTH secretion may be offset by the stimulation **produced though** low serum **Ca in** moderate-severe CKD patients are not receiving dialysis. We suggest that these patients maintain serum Ca level within the optimal range and avoided consuming **excess amount** of Mg and P should be **considering** for reducing risks of high -turnover bone diseases. Moreover, routine monitoring of serum Mg levels and pay attention to balance of serum Ca and Mg are important in the assessment and **management of bone mineral disorders in CKD patients with and without**.



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In the present study, CKD patients with diabetes had lower serum albumin and a higher proportion of hypomagnesemia and osteoporosis than those of CKD patients without diabetes. The possible explanations for this are that diabetic nephropathy is characterized by decreased renal function and significant albuminuria [20]. Serum albumin acts as a transport protein for numerous substances include Mg and **Ca** [27]. Therefore, the amount of total Mg and **Ca** may lower with the serum albumin decreasing in CKD patients with diabetes. A retrospective cohort study reported that the subjects with low serum Mg had higher proteinuria and lower serum albumin levels among CKD patients with and without diabetes. In particular, CKD patients with diabetes had more serious proteinuria and low level of serum albumin and Mg than those of nondiabetic CKD patients [28]. Dewitte et al. also reported that renal failure patients with diabetes had **lower blood Mg level** than that of the nondiabetic patients [29]. Hypomagnesemia is common in patients with diabetes [22], and it is the association with osteoporosis [13]. Our findings suggest the presence of low serum albumin and hypomagnesemia may be related to the development of osteoporosis in CKD patients with diabetes.

Differences of **relationship** between **serum Mg level**s with bone mineral metabolism among CKD patients with and without diabetes are still under controversy. Our finding showed that **serum Mg level** was positively correlated with iPTH and inversely correlated with serum **Ca** and 25(OH) D before stratifying the CKD patients by

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There is elements of language that allow us to beter understand the world. Abstractions in language help us classify ideas into groups so that we may generalize or specify parts within a label. For instance a car is made up of many parts, such as the engine, the wheels, the body, etc. We call it a car instead of “an engine driving the wheels with a body attached to carry passengers”, to make it easier for us not only to transfer the thought within our mind, but also to others. Also, by calling it a car, we have differentiated the object from a train or a bike, both being other modes of transportation. Abstractions are part of our mental grids that help us by chopping reality into fragments so that we may organize it and put it into our grasp of understanding. Something such as temperature cannot be measured because it is infinitely variable. It is just our environment reduced to numbers so that we can conceive it in our minds. Again, our world is divided into pieces so the human mind can understand it bit buy bit. From seeing a car to measuring the temperature, language offers a explanation to our experiences and is powerful tool to help us think.



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Background:

We investigated effects of dietary calcium (Ca) and magnesium (Mg) intakes on cardiovascular diseases risks in older diabetes patients.

Methods:

In this cross-sectional study, 197 type 2 diabetes patients aged 65 years and above were recruited. The 24-h dietary recalls and 1-week self-reported typical dietary intake patterns were collected. Intakes of Ca and Mg less than 67% of recommended dietary allowance (RDA), 67 -100 % of RDA, and more than 100% of RDA were defined as low, moderate, and high Ca and Mg intakes. **Anthropometric measurements and biochemical analysis of blood and urine were determined.**

Results:

Our data indicated that 60.9% and 87.3% of our patients had Ca and Mg intakes below RDA, respectively. High or low Ca intakes patients (81.2%) had significantly higher C-reactive protein (CRP) than that of moderate Ca intakes patients ($p = 0.043$). In addition, low Mg intakes patients (87.3%) also had significantly higher CRP than that of adequate Mg intakes patients ($p = 0.025$). Dietary Ca to Mg intakes ratios were highly correlated with CRP, platelet counts, and red blood cell distribution ($p < 0.05$). A dietary Ca to Mg intakes ratio of 2.0-2.5 was significantly correlated with lower CRP levels ($n=0.013$).

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Methods

Study design

The investigation employed a cross-sectional research design targeting type 2 diabetic patients aged 65 years and above. Diabetes was diagnosed in the Endocrine and Metabolism Clinic according to the guidelines of the American Diabetes Association (ADA-1997) [31]. The inclusion criteria for patients were as follows: 1) type 2 diabetes for more than 6 months; 2) no change in any medications for the past 3 months; 3) stable lifestyle for the past 3 months; and; 4) without heart failure, cirrhosis, current malignancy, chronic renal failure, or clinically relevant infection (CRP levels > 10 mg/ L). Patients with signs of serious deterioration in comprehension and memory were excluded. A total of 197 patients were included in the study. This investigation was performed in compliance with the Helsinki Declaration, and approved by the Changhua Christian Hospital Institutional Review Board (CCHIRB: 090419).

Assessment of dietary intakes, lifestyle and body mass index

Dietary intakes were assessed using 24-hour recall and 7-day typical dietary intake by interview and dietary records [32, 33]. During the interview, quantitative tools including standard measuring spoons and cups, food models, food pictures and photos, as well as traditional household bowls, cups and spoons were used to help these elderly subjects properly estimate dietary intake [34]. Intakes of calcium, Mg, and other nutrients were analyzed using Taiwan's Nutrition Database and the EKitchen

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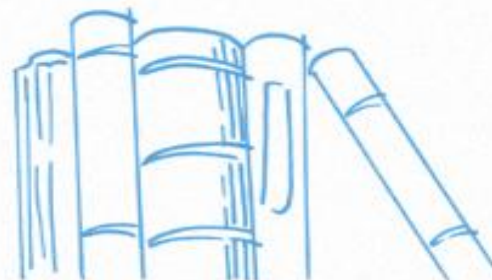
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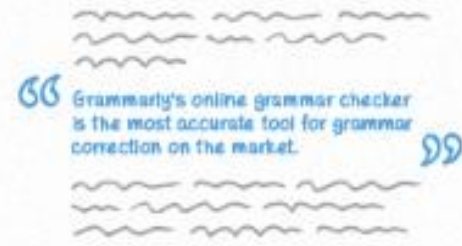
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Preposition	<i>Be careful for the ice, the steps are slippery!</i>
Punctuation	<i>"Let's go outside"; said the boy.</i>
Quantifier	<i>Do you want more or less apples?</i>

Review this sentence for comma use.

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Materials and methods Animals Adult male Sprague-Dawley rats (weighing 200-220 g at the

commencement of experiments)

were purchased from Shanghai SLAC Laboratory Animal Co., Ltd.

(SCXK 2007-0005). Animals were maintained under conditions of controlled temperature (22 ± 2 °C), humidity (50-70%) and illumination (12-h light-dark cycles with lights on at 07:00 h) with free access to food and water. All treatments were approved by the Institutional Animal Care and Use Committee of Fujian Medical University

and were carried out in accordance with the National Institute of Health Guide for the Care and Use of Laboratory Animals.

Intracerebral 6-OHDA injections One week after arriving at our facility, rats were anesthetized with 2% pentobarbital (40 mg/kg, i.p.). The

PD rat model was established

by unilateral infusion of the neurotoxin 6-hydroxydopamine (6-OHDA)

(9 µg in 3 µl

of 0.02% ascorbic acid in saline) into the right

SNc (AP: -5.0 mm, ML: +1.5 mm, DV: -7.5 mm) and the right MFB (AP: -1.4 mm, ML: +2.3 mm, DV: -7.7 mm) according to the atlas of Paxinos and Watson. At 2, 4 and 6 weeks after surgery,



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a p-value of less than 0.05 was considered statistically significant. Before analysis, any data that had more than 25% of the questions incomplete were excluded to ensure the credibility of results. **For categorical variables in the contingency table, data were presented in numbers (n) and percentages (%), and were analyzed by the Chi-square test. For continuous variables, data were presented in the mean \pm SD, and mean comparisons were analyzed by a 2-tailed t-test (2 groups) or a one-way ANOVA (>2 groups). The post-hoc Scheffe method was then used to determine the pairwise differences between the group means**

1 For categorical variables in the contingency table, data were presented in numbers (*n*) and percentages (%), and were analyzed by the Chi-square test. For continuous variables, data were presented in median and range (25th pctl-75th pctl) and medians comparisons were analyzed by a Wilcoxon rank-sum test, or data were presented in the mean \pm SD and mean comparisons were analyzed by a 2-tailed t-test. Multiple regression was applied to determine the relationships of serum Mg with renal function and bone mineral metabolism parameters. The values on serum Mg, bone mineral metabolism parameters and renal function indicators were log transformed before analysis because of the data's skewed distribution. The regression analysis outcomes are presented in unstandardized coefficients (*B*) and standardized coefficients (β), at a 95% Confidence Interval (CI) for *B*. 1 All statistical procedures were performed using

1. Germain DP. Fabry disease. Orphanet Journal of Rare Diseases 2010, 5:30.
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4. Aerts JM, Groener JE, Kuiper S, Donker-Koopman WE, Strijland A, Ottenhoff R, van Roomen C, Mirzaian M, Wijburg FA, Linthorst GE, Vedder AC, Rombach SM, Cox-Brinkman J, Somerharju P, Boot RG, Hollak CE, Brady RO, Poorthuis BJ. Elevated globotriaosylsphingosine is a hallmark of Fabry disease. Proc Natl

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represent about only 1% of the increase in LV mass [5]. The fibrotic process in Fabry cardiomyopathy starts with intramural involvement with later transmural involvement. Fibrosis is invariably present in the basal posterolateral segments [16]. Magnetic resonance imaging showed increased gadolinium uptake involving the basal segment of the LV posterolateral wall, typical for myocardial fibrosis in advanced Fabry cardiomyopathy. End-diastolic thicknesses of the LV septum and posterolateral walls were 16 mm and 15 mm, respectively [17]. Cardiac magnetic resonance imaging is the imaging modality of choice in these cases. Globotriaosylceramide accumulation has been observed in vascular endothelial and smooth muscle cells, cardiomyocytes, conduction tissue, and valvular fibroblasts [18]. Recently, Sachdev et al. [19] showed that about 6% of male patients with late onset and about 1% of patients with early onset of hypertrophic cardiomyopathy have low α -Gal activity and Fabry disease. They screened plasma α -Gal activity in a group of 79 hypertrophic cardiomyopathy

Match Overview

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disease should be considered in the differential diagnosis of LV hypertrophy patients.

Valvular changes

16

Valvular changes are believed to be caused by the lipid storage and fibrosis of

valvular tissue [8]. The incidence of valvular changes does not differ between

hemizygotés and heterozygotés [20]. Postmortem examinations of the heart of

patients with Fabry disease illustrated the maximal accumulation of the major

glycosphingolipd substrate, and trihexosyl ceramide, in the lysosomes of all the cardiac

tissues examined; the greatest concentrations were found in the mitral valve in

addition to the LV myocardium [21]. Estimates about the valvular involvement in

Fabry disease differ significantly. Minor structural abnormalities of the mitral valve

were found in 17 subjects (57%). The aortic valve was affected in 14 patients (47%).

Valvular abnormalities were often associated with minor/mild degrees of regurgitation

[9]. In Fabry cardiomyopathy, echocardiography may reveal very prominent papillary

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MATERIALS AND METHODS

Under general anesthesia, PEID was performed on patient in prone position. A vertical small ¹ skin incision (8.0mm) was made in the midway between the medial margin of the facet joint and the spinous process of the ⁹ lesion side interlaminar window.^[7] After fascia incision, a dilator was docked under the inferior edge of the lamina. ¹ A working channel with a beveled opening (8.0mm outer diameter) was introduced over the dilator and a rigid endoscope (Vertebis system; Richard Wolf, Knittlingen, Germany) was inserted after the removal of the obturator. Paraspinal muscles were cleaned to reveal the ligamentum flavum. Endopunch was used to cut the ligamentum flavum to expose underlying dura margin and nerve root. To avoid overtraction of the nerve root, we use an

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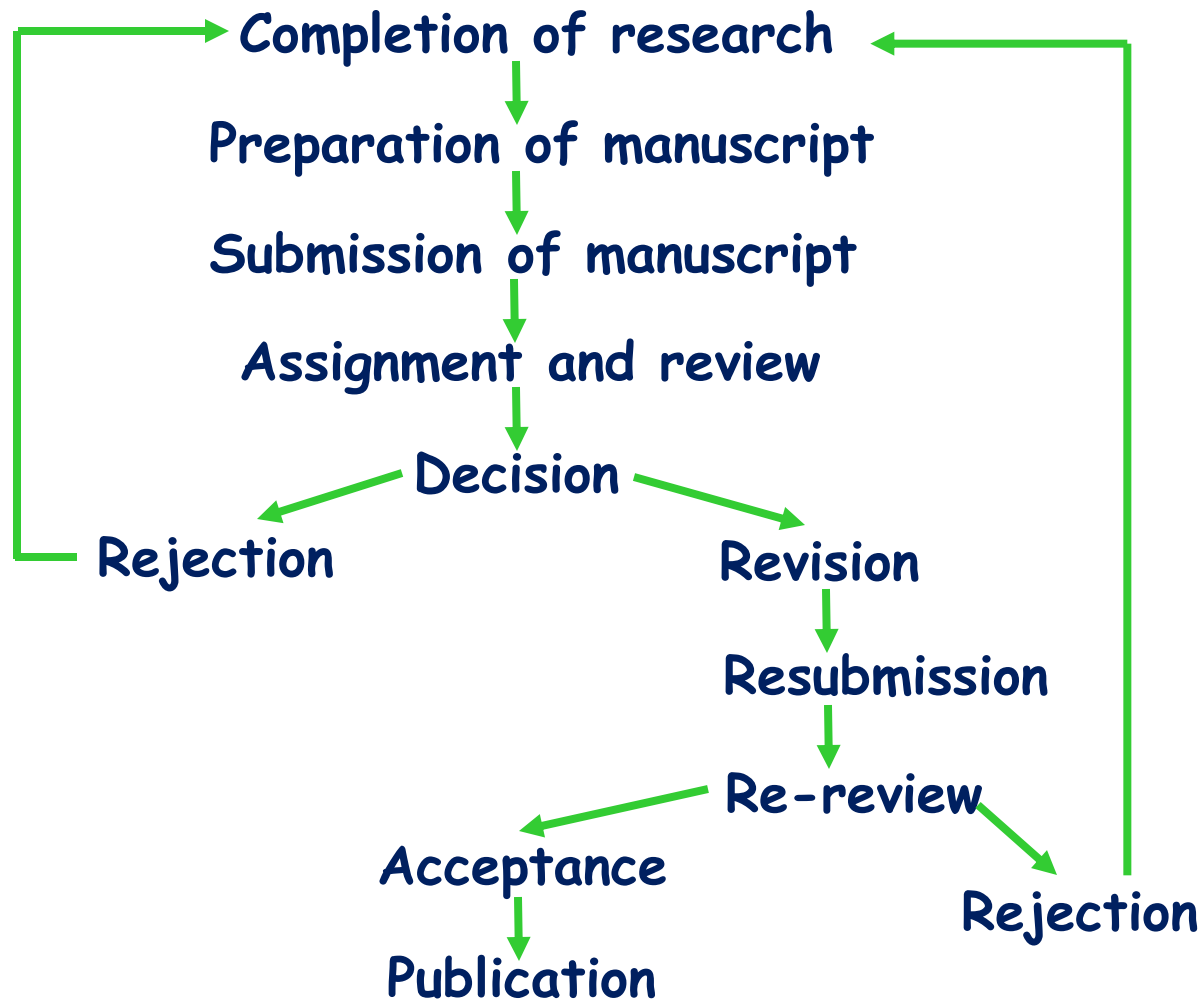
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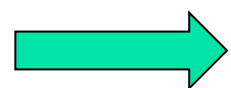
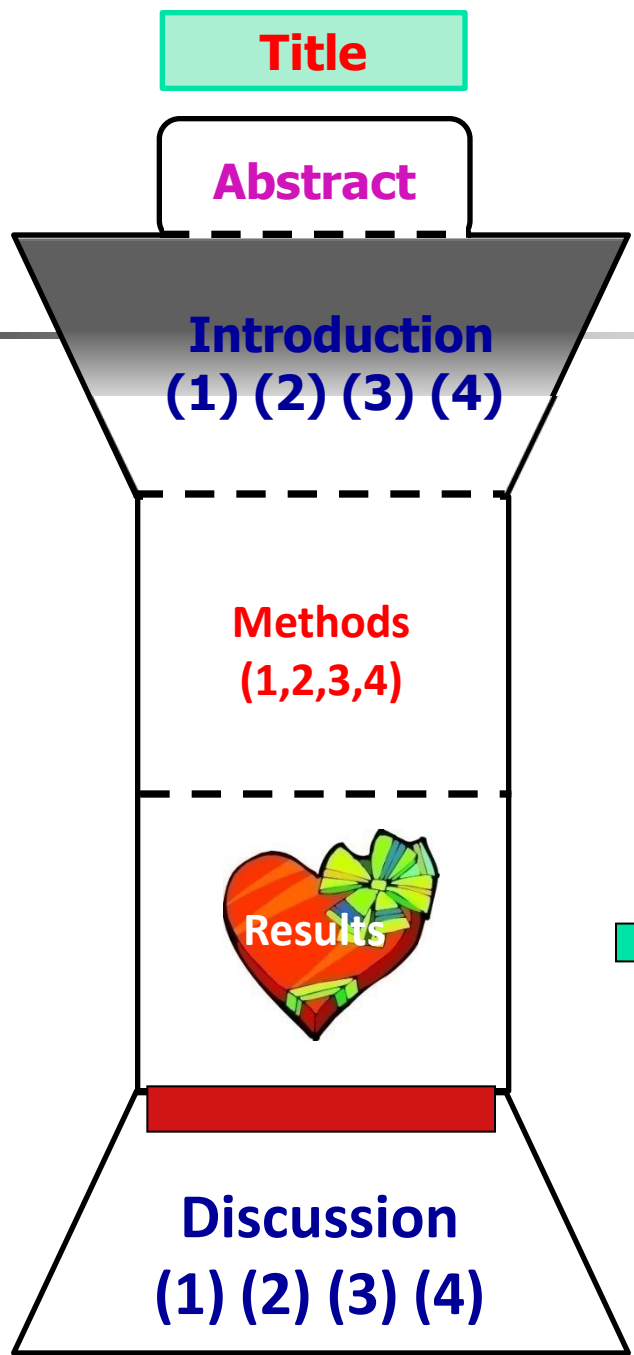
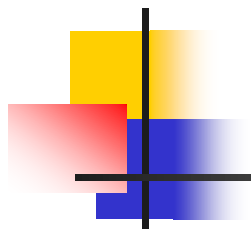
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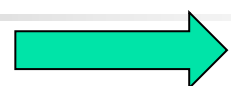


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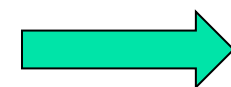




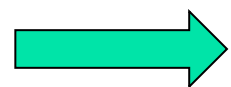
Point



**Problems;
Gap**



**Core;
Key results**



Heart



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a systematic review was undertaken exploring the experiences of hypoglycaemia in

16

community-dwelling people with diabetes mellitus.

Objective This review aimed to synthesise evidence on the

16

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and were carried out in accordance with the National Institute of Health Guide for the Care and Use of Laboratory Animals.

Intracerebral 6-OHDA injections One week after arriving at our facility, rats were anesthetized with 2% pentobarbital (40 mg/kg, i.p.). The

PD rat model was established

by unilateral infusion of the neurotoxin 6-hydrodopamine (6-OHDA)

(9 μg in 3 μl)

of 0.02% ascorbic acid in saline) into the right

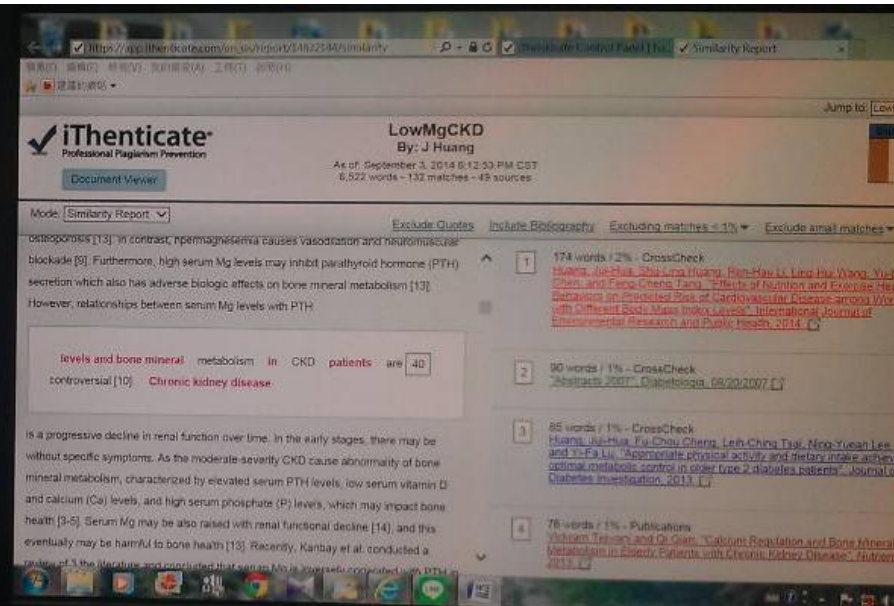
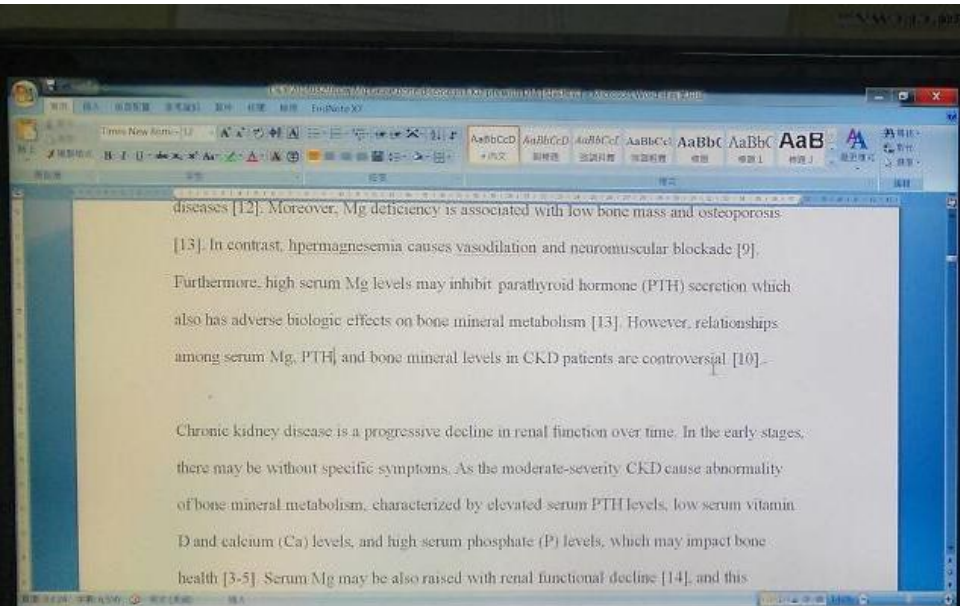
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apomorphine (APO) - induced rotational behavior contralateral to the lesioned side was monitored for 30 min. Only animals that showed

experiments) were purchased from Shanghai SLAC Laboratory Animal Co., Ltd. (SCXK 2007-0005). Animals were maintained under conditions of controlled temperature (22 ± 2 °C), humidity (50-70%) and illumination (12-h light-dark cycles with lights on at 07:00 h) with free access to food and water. All treatments were approved by the Institutional Animal Care and Use Committee of Fujian Medical University and were carried out in accordance with the National Institute of Health Guide for the Care and Use of Laboratory Animals.

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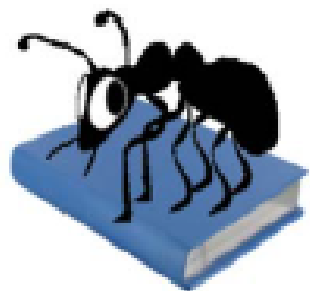
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AntConc (Windows, Macintosh OS X, and Linux)

Build 3.2.4

Laurence Anthony, Ph.D.

Center for English Language Education in Science and Engineering, School of Science and Engineering, Waseda University, 3-4-1 Okubo, Shinjuku-ku, Tokyo 169-8555, Japan

October 4, 2011

Introduction

AntConc is a freeware, multiplatform tool for carrying out corpus linguistics research and data-driven learning. It runs on any computer running Microsoft Windows (tested on Win 98/Me/2000/NT, XP, Vista, Win 7), Macintosh OS X (tested on 10.4.x, 10.5.x, 10.6.x), and Linux (tested on Ubuntu 10). It is developed in Perl using ActiveState's PerlApp compiler to generate executables for the different operating systems.

Installation

Windows

On Windows systems, simply double click the *AntConc* icon and this will launch the program. No installation is necessary.

Macintosh OS X

On Macintosh systems, first install and launch X11. X11 is a graphical toolkit that is available on the disks included with the computer or via the Apple website. Next, double click double click the *AntConc* icon and this will launch the program. No installation is necessary.



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124	of the Mg2+ transporter MAGT1 as the cause of this d	Loss of MAGT
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126	we ruled out large MAGT1 in T cell signaling +	Loss of MAGT
127	nt in both patients in MAGT1 , a gene coding for a M	Loss of MAGT
128	on of the exon 7 of MAGT1 and induced the splicing	Loss of MAGT
129	led to a decrease of MAGT1 mRNA of .80 % by nonse	Loss of MAGT
130	leading to the loss of MAGT1 protein expression in th	Loss of MAGT
131	sion in the patients. MAGT1 deficiency impairs TCR-in	Loss of MAGT
132	about the function of MAGT1 in lymphocytes prior to	Loss of MAGT
133	AL. 293T) showed that MAGT1 induces a highly selecti	Loss of MAGT
134	ich was consistent with MAGT1 as a Mg2+ transporter i	Loss of MAGT
135	defect and the loss of MAGT1 in the patients, we loo	Loss of MAGT
136	h ectopic expression of MAGT1 , restoring the TCR-induce	Loss of MAGT
137	results established that MAGT1 mediated the Mg2+ influx	Loss of MAGT
138	cell activation. Thus, MAGT1 deficiency was the proba	Loss of MAGT
139	of PLC 1 activation in MAGT1 -deficient patients Sinc	Loss of MAGT
140	Mg2+ influx mediated by MAGT1 after TCR stimulation wa	Loss of MAGT
141	d for by overexpressing MAGT1 in the B cell line [21	Loss of MAGT

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t of drinking water have been shown to determine the concentration of plasma-Mg in anima.
or conversely, changes in Mg;PATP could determine the activity of PKA and TRPM7;is endog:
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strowski The aim of this study was to determine the effect of coffee intake on the le:
zin;iska The aim of this study was to determine the level of Ht, Hb, Mg in erythrocyt:
nce (ANOVA), Fisher;is PLSD was used to determine significant differences in multiple comp:
erythrocyte Mg content, we attempted to determine Mg fluxes in erythrocytes from tumor-be:
Counter, Strasbourg, France) was used to determine hematological parameters. In order to ol
al magnesium load test was performed to determine whether migraineurs had a disorder of
ences. It seems therefore necessary to determine the therapeutic index (LD 50 / ED 50)
icient rats, this study was designed to determine whether endotoxin directly enhances nitr:
ible for iNOS gene induction [23]. To determine the involvement of the above LPS recept
entrifuged at 1000 x g for 10 min. To determine Mg2+, the supernatant was diluted with
The aim of the present study was to determine whether there is a difference in eryth:
etric method using spectrofluorimeter. To determine the fluorescence ratio correlating with
strowski The aim of this study was to determine, the effect coffee intake on content o
ezin;iska The aim of the study was to determine level of Ht, Hb, Mg in erythrocytes a
rats [37]. Their study was designed to determine whether chronic Mg sulfate administratio
a Some investigators have attempted to determine whether high serum cholesterol levels c
load should be performed, i.e. find and determine free and bound forms of Mg(II) ions a
st technique using Mg stable isotope to determine intestinal Mg absorption and urinary ex

Improve

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of other minerals like Mg, Fe, and Zn may also improve haematopoiesis and oxidative stress because b
(NA) may reduce cardiac arrhythmias and improve the prognosis of heart failure. It is l
elet effect, oral Mg therapy has been shown to improve endothelial function significantly in patient:
water. may be a useful natural drink to improve lipid metabolism and to prevent atherosc.
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UDRAY, ET AL. verify this hypothesis and improve our understanding of the significance of
Postnatal MgSO₄ infusion is safe and can improve short-term outcome in infants with sever
r brain damage, enter injured tissue and improve neurologic outcomes [29]. These results
minerals like Mg, Fe, and Zn may also improve haematopoiesis and oxidative stress becau:
ll against damage caused by ischemia and improve its ability to resist the effects of c:
ar disease [39]. Moreover, Mg supplements improve diabetic state. Eight elderly, moderately
lism Some diabetic treatments appear to improve Mg metabolism. Ewis showed a state of
; Onofrio F. Dietary magnesium supplements improve B-cell response to glucose and arginine
Two polyol, low digestible carbohydrates improve the apparent absorption of magnesium but
sium therapy (magnesium polygalacturonate) may improve the function of the antioxidant system in hyp
values (11/19), while only 8/19 did not improve or improved with a decrease in Erc-Mg
s and magnesium salt administration could improve motor outcome [11]. One of the most im
was found, psycho-stimulants are used to improve mental health, probably through increasin
supplementation during pregnancy did not improve pregnancy outcome. Between 13 and 24 we
drug mixture, among other things, could improve the absorption of magnesium [22]. Furthe
ure elevation and cardiovascular disease. Mg++ improve lipid metabolism through the activation of LC.
of combined magnesium/mild hypothermia to improve patient outcome following cerebral ischaem
of particular importance to significantly improve our understanding of the cellular basis
atment could easily be applied either to improve the recovery after noise induced hearing
ogical states including hypomagnesemia. To improve the general health state, it is necessa:
2+ supplementation has been documented to improve flow mediated brachial vasodilation (endot
homeostasis in large populations [5]. To improve the understanding of the genetic factors



perform

KVMC

Analysis System (SAS) system was used to perform the statistical analyses. A conditional metric assay (i-Ca) (Bayer Diagnostics). To perform Erc-Mg measurements, red blood cells (Rts indicate that the choline exchanger can perform Mg²⁺ efflux via choline/Mg²⁺ exchange. alleviated muscle spasms occurring with intense perform vigorous physical activity, and physical exertion. Fertilization also uses micro-elements that perform a lot of important physiological functions as could be expected that deficient mice would perform poorly in this task. The purpose of reference (PLSD) test (one-tailed) was used to perform individual group comparisons when a student data on ionized calcium and albumin to perform additional analyses. We calculated mean The function of Na⁺/Mg²⁺ antiport is to perform efflux of Mg²⁺, to establish a low and an efflux [2]. The Na⁺/Mg²⁺ antiporter can perform 28Mg²⁺/24Mg²⁺ exchange [2]. Net uptake S significantly. It would be also of interest to perform other tests of nociception regarding the electrolyte balance. Consequently, the ability to perform physical work may be compromised. Many neurological outcomes. Moreover, we did not perform pre-and postoperative neuropsychological of the present study is that we could not perform the assessment of total intracellular Mg participant, all the women were advised to perform mild to moderate physical activity with metabolism. It is therefore appropriate to perform regression analysis, both with S and M their relative paucity in the diet and the body, perform important roles in regulating whole-body metabolism of the influence of mineral status on ability to perform under conditions that a physically active individual nevertheless, it is evident that it could perform a physiological function within cells to

suggest

in the sward samples from the area investigated suggest that fertilization and liming treatments on the soil suggest that magnesium depletion demonstrated that recently, it has been clinical findings suggest that this hormone could be involved in weight and energy metabolism, some data suggest a mechanism for atherothrombotic disease platelet aggregation and arterial thrombosis suggest that the decrease in melatonin levels at an insufficient medical survey. But we suggest the measurement of melatonin, extra-and i: itability, respectively. This leads us to suggest an environmental depletion which may not be to magnesium. Such geographical distribution may suggest how it would be possible to become subsing quantitative pharmacokinetic models to suggest that TRPM7's role in cellular ion homeo-nase activity. Taken together, these data suggest the involvement of this ion in human de-ces antidepressant effects in rodents and suggest a common pathophysiological correlate. Mag-ptoms of migraine and postspinal headache suggest an autosomal dominant inheritance of IMVP that IMVP may predispose to complications. The data suggest an autosomal dominant inheritance of the trait and cardiac skeleton. Recently published reports suggest that metabolism in IMVP is associated with incyperlactataemia [27, 51]. Cohen et al. [28] suggest a MD in MVPS and indicate the low level of use-sma in the two groups. These results strongly suggest that the lessening of symptoms could be due to-ol group who received a placebo. These results suggest a relationship between these two pathological-ients. Certain clinical features in both groups suggest that deep sea water may be a useful-elled water (control group). These results suggest that Mg²⁺ extrusion is steeply regulated-ween [Mg²⁺]_c and Mg²⁺ flux thus obtained suggest that higher levels of Mg may prevent th-tered Ca EP metabolism. Our results also suggest that Mg bone, and plays important roles-ts of bone loss [13]. These observations suggest that increased dietary Mg supplementation-high P diet. The results of this study suggest that dietary Mg supplementation decreased-n the intestinal lumen [18]. Our results suggest that suppression of bone resorption with-less of circulating PTH concentration. We suggest that bone resorption induced by a high-h P diet. In other words, these results suggest that high Ca intake had no preventive e-group. The results in the present study suggest



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There is elements of language that allow us to beter understand the world. Abstractions in language help us classify ideas into groups so that we may generalize or specify parts within a label. For instance a car is made up of many parts, such as the engine, the wheels, the body, etc. We call it a car instead of “an engine driving the wheels with a body attached to carry passengers”, to make it easier for us not only to transfer the thought within our mind, but also to others. Also, by calling it a car, we have differentiated the object from a train or a bike, both being other modes of transportation.

Abstractions are part of our mental grids that help us by chopping reality into fragments so that we may organize it and put it into our grasp of understanding. Something such as temperature cannot be measured because it is infinitely variable. It is just our environment reduced to numbers so that we can conceive it in our minds. Again, our world is divided into pieces so the human mind can understand it bit buy bit. From seeing a car to measuring the temperature, language offers a explanation to our experiences and is powerful tool to help us think.



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Ca and Mg less than 67% of recommended dietary allowance (RDA), 67 -100 % of RDA, and more than 100% of RDA were defined as low, moderate, and high Ca and Mg intakes. **Anthropometric measurements and biochemical analysis of blood and urine were determined.**

Results:

Our data indicated that 60.9% and 87.3% of our patients had Ca and Mg intakes below RDA,

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Methods

Study design

The investigation employed a cross-sectional research design targeting type 2 diabetic patients aged 65 years and above. Diabetes was diagnosed in the Endocrine and Metabolism Clinic according to the guidelines of the American Diabetes Association (ADA-1997) [31]. The inclusion criteria for patients were as follows: 1) type 2 diabetes for more than 6 months; 2) no change in any medications for the past 3 months; 3) stable lifestyle for the past 3 months; and; 4) without heart failure, cirrhosis, current malignancy, chronic renal failure, or clinically relevant infection (CRP levels > 10 mg/ L). Patients with signs of serious deterioration in comprehension and memory were excluded. A total of 197 patients were included in the study. This investigation was performed in compliance with the Helsinki Declaration, and approved by the Changhua Christian Hospital Institutional Review Board (CCHIRB: 090419).

Assessment of dietary intakes, lifestyle and body mass index

Dietary intakes were assessed using 24-hour recall and 7-day typical dietary intake by interview and dietary records [32, 33]. During the interview, quantitative tools including standard measuring spoons and cups, food models, food pictures and photos, as well as traditional household bowls, cups and spoons were used to help these elderly subjects properly estimate dietary intake [34]. Intakes of calcium, Mg, and other nutrients were analyzed using Taiwan's Nutrition Database and the EKitchen

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華樂絲十年的學術編修與翻譯經驗讓我們的學術專業團隊支援台灣學術界如何利用華樂絲的編修流程成功投稿SCI/SSCI期刊？華樂絲的編修理念是如何發展？

華樂絲的編修流程，是經由Dr. Steve Wallace累積超過十年先後於國立交通大學、清華大學、中央大學工程學院及台灣大學醫學院教授科技英文寫作的經驗所發展出來的。此編修流程的研發也參考了台灣研究

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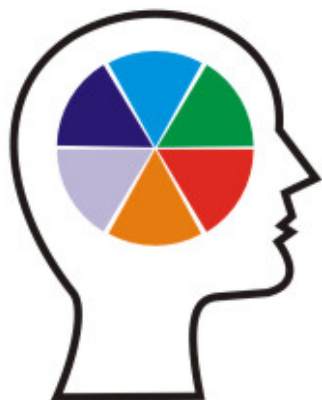
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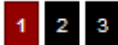
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评分等级

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- 3: 中等
- 4: 熟练
- 5: 高级

2 评分等级

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3 评分的英语内容

共有三大类内容被评估: 语言、语法及文体规范。原稿作者的英语语言水平将分门别类得到评价。比如词语的选择,学术写作规范的遵守情况,以及冠词的使用等。

语言	平均分	3.7
句子结构	4	Tip! Contractions are shortened forms of words. They are formed by replacing some words with an apostrophe ('). For example, "couldn't" is a contraction for "could not" and "didn't" is a contraction for "did not." Although widely used in speeches and also accepted in fields such as philosophy, contractions should generally be avoided when writing a scientific paper. Instead, the spelled out forms should be used.
流畅性与自然过渡	4	
词汇选择	3	
语法	平均分	3.7
主谓一致	4	Tip! Visit http://www.learnenglish.de/grammar/article/text.htm for valuable insights into the world of Article Usage. Learn about conditions where articles should not be used. For example, do not use indefinite articles before uncountable nouns: "an inflation is rising" -> "inflation is rising"
冠词的使用	3	
时态	4	
语言与文体规范	平均分	4.0
标点符号	4	Tip! Use the set off comma to set apart non-restrictive information in a sentence. If you can remove the information from the sentence without restricting its meaning, then that information is considered as non-restrictive, and should be set off with commas. Set off commas are, in fact, most often used to add additional information to a sentence. Example: The people of Nepal, who got news from the BBC and CNN, were shocked to learn of the massacre.
参考文献	3	
学术风格	3	

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编辑工作总结

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✓ 摘要: 是否清楚地传达了您的研究?	文章概要
✓ 研究方法: 您对研究过程进行了清晰且详细的描述,包括研究目的和研究的范围?	您对研究进行了详细描述。(此部分仅对高级编辑服务适用。)
✓ 研究结果: 您将与研究中的主要结果清楚地传达给读者了吗?	您对研究进行了详细描述。(此部分仅对高级编辑服务适用。)
✓ 结论: 您用研究结果来支持您的结论,是否清晰地对它们进行了总结?	您对研究进行了详细描述。(此部分仅对高级编辑服务适用。)

注: 详细情况请参考备注。

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6

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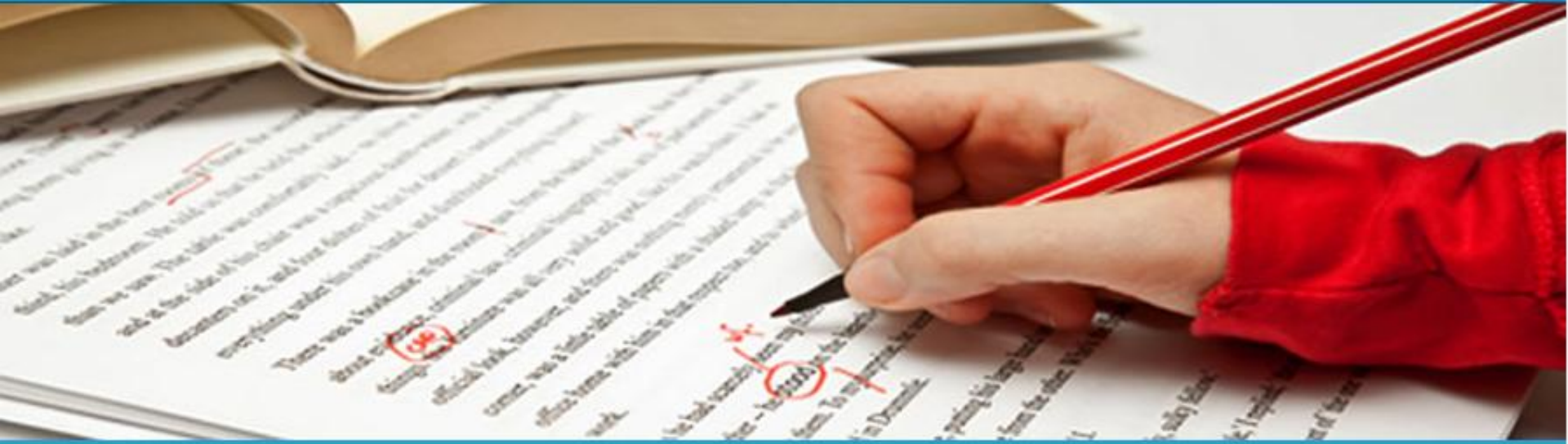
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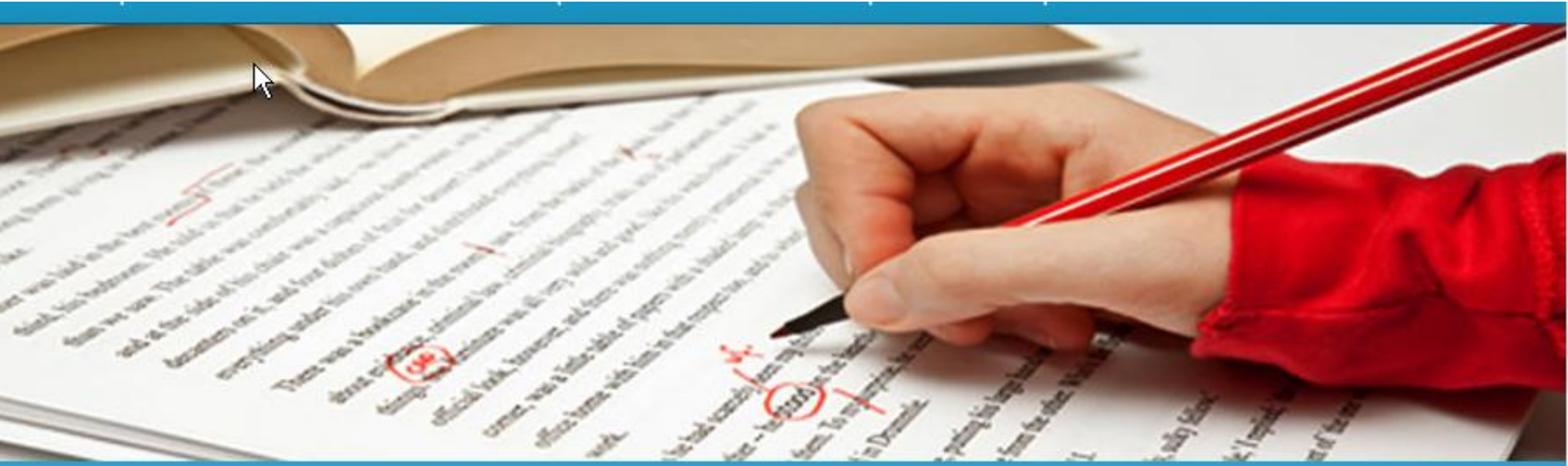
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We have substantially revised ~~the our~~ manuscript ~~according after reading to~~ the comments ~~made provided~~ by the two reviewers. ~~We employed an English-language editing service, LetPub, to polish our wording, and the paper in revision has been English polished by the Letpub, which was demonstrated by the eCertification as is attachment attached.~~

~~Additional note: we~~ ~~We also~~ have performed ~~expanded part of~~ the ~~further~~ experiment, ~~providing details in and part of it was added to~~ the current ~~revision version~~, ~~therefore, w~~ ~~We need~~ ~~would like to~~ make some minor modifications ~~to the our list of authors according to~~ reflect their separate contributions ~~to the new version of the paper if it is permitted.~~

Answers to reviewers:

Reviewer #1:

[1] Results, page 11: ~~authors~~ Authors go straight to antibodies against HPA and brief introduction sentence and a description of the vaccination procedure is missing. Please add.

~~Answers:~~ The description of the vaccination procedure was given in the materials and methods ~~and materials part section under with the subtitle~~ "Vaccine immunization in murine and *Macaca fascicularis* models." ~~We did not feel it necessary to repeat this information therefore, no more description about it appeared in the results section.~~ ~~Nevertheless, the current version of the paper describes the modified~~ vaccination procedure ~~descriptions were modified~~ in the ~~current paper (methods and materials)~~ section. ~~The~~ We have provided additional figures were provided to make reviewer know better the describe the electroporation procedure used.

It is not clear which HPA cDNA is used. Human or mouse? What are the effects of immune tolerance? What is the identity/similarity of human HPA vs macaca HPA and mouse HPA? This is an essential piece of information. Xenogeneic vaccination can induce much more easily immune response. This issue is only briefly mentioned in the discussion, page 18.

Answers: The HPA cDNA used in ~~the~~ this paper was constructed by inserting ~~the~~ human HPA sequences into the plasmid ~~DNA~~-pcDNA3.1 (+), (+), ~~which~~ This is now ~~was elaborately~~ illustrated in the ~~modified~~ current paper (first paragraph in the materials and "methods and materials" section part). The similarity of human HPA ~~vs to macaca macaque HPA~~ and mouse HPA ~~were~~ has been evaluated compared, as shown in the following figure. Xenogeneic vaccination ~~indeed~~ was found to can induce immune response much more easily ~~immune response~~, ~~which~~ This might lead to the better ~~therapy~~ therapeutic effects in the ~~mice~~ subject. We have included ~~made~~ a discussion of this about the issue in the paper.

In our study, ~~apart from the unknown transcripts,~~ predicted ~~or~~ and known transcripts ~~se~~ were ~~categorized according to their~~ divided into groups: molecular function transcripts, cellular component transcripts, and biological process transcripts. Of these, 4813 differentially expressed transcripts ~~can be~~ were categorized divided into 50 functional groups (Figure 2). ~~In~~ ~~aspect of the~~ For molecular function, the most significant enrichment was observed among ~~the~~ the various binding genes (GO: 0005488), including 40 DEGs encoding ~~eneoded~~ calcium ion binding proteins (GO: 0005509), 66 DEGs encod~~inged~~ iron ion binding proteins (GO: 0005506), 55 DEGs ~~eneoded~~ encoding zinc ion binding proteins (GO: 0008270), and 4 DEGs ~~eneoded~~ encoding potassium ion binding proteins (GO: 0030955). ~~280~~ Two hundred and eighty DEGs were found to ~~encode~~ transferase activity (GO: 0016740). ~~which~~ ~~These~~ included ~~the~~ kinase activity genes (GO: 0016301), 94 Ninety-four DEGs were found to

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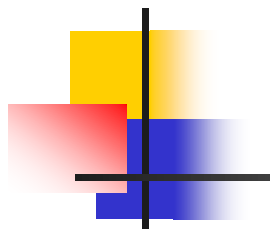


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