

PMC XML 소개: XML 작업과정에서 발견한 편집 에러사항을 중심으로

2008.02.22. 이남영-이상은.

목차

PubMed Central XML

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PMC XML 작업 환경 만들기

PMC XML Blank file

학술지에 나타난 편집 에러 (혹은 저자 에러)

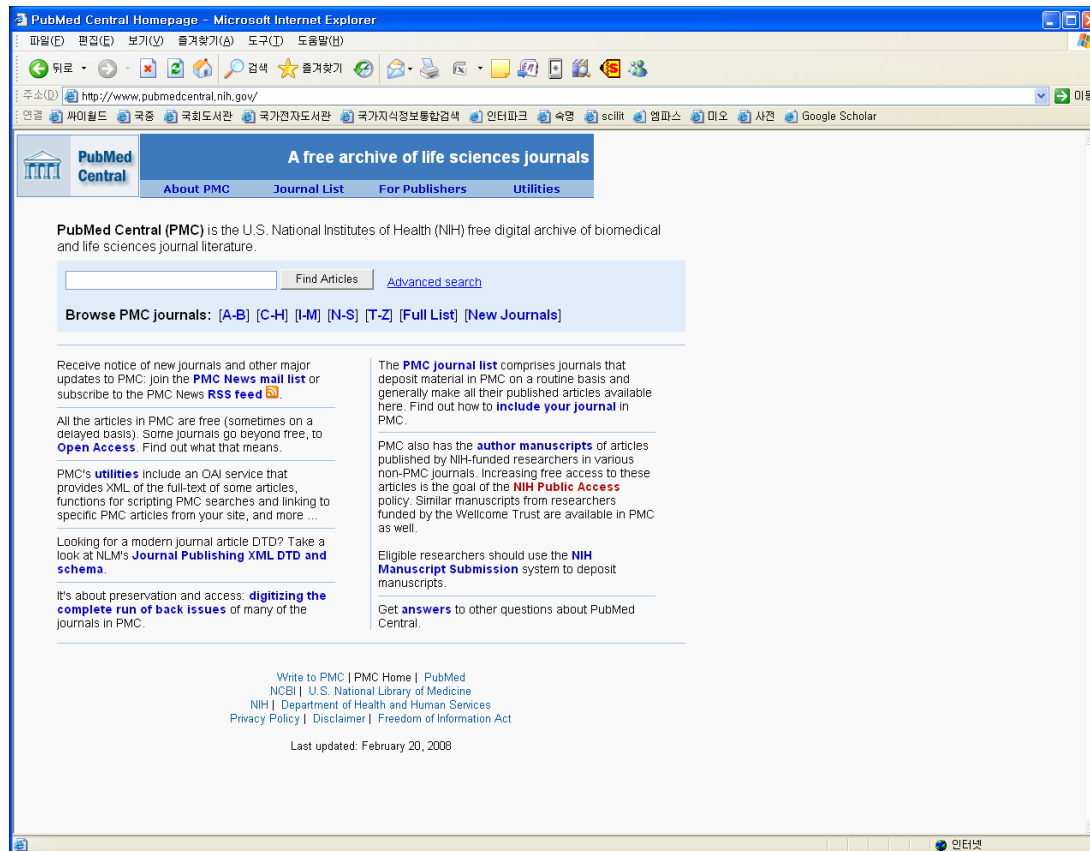
본문 에러

참고문헌 에러

실습

PubMed Central

- 학술지 논문의 full-text를 자유롭게 접근할 수 있도록 구현
- 참고문헌에서 PubMed 레코드로 linking 구현



PubMed Central

- PMC 학술지가 되기 위한 조건
 - 지원 대상 학술지가 MEDLINE에 색인되거나
 - Agricola, Biosis, CINAHL, Chemical Abstracts, EMBASE, PsycINFO, SCI 등의 DB에 수록되거나
 - 편집위원회 위원 중 적어도 3명이 NIH 혹은 이와 동급의 미국, 또는 국회의 연구 지원기관으로부터 연구기금을 받고 있는 연구책임자이어야 한다
(<http://www.pubmedcentral.nih.gov/about/pubinfo.html>)
- 2008년 2월 현재 약 400여종의 학술지 수록됨

PubMed Central XML

- PubMed Central XML Tagging Guidelines
<http://www.pubmedcentral.nih.gov/pmcdoc/tagging-guidelines/article/style.html>
- Journal Publishing Tag Set Tag Library: version 2.3
<http://dtd.nlm.nih.gov/publishing/tag-library/2.3/index.html>
 - > Document Hierarchy Diagrams
 - > Index by Elements
 - > Index by Tags
 - > Full Article Samples

PubMed Central XML

- Special characters

SGML Entity List

<http://www.ncbi.nlm.nih.gov/entrez/query/static/entities.html>

Abbreviations, Acronyms & Initials

<http://kamje.or.kr/abbreviation/index.html>

----> 측정단위

PubMed Central XML

- References

Journal Publishing Tag Set Tag Library: version 2.3

<http://dtd.nlm.nih.gov/publishing/tag-library/2.3/index.html>

--> Index by Elements --> Reference Item, Reference List

PubMed Central XML Tagging Guidelines

<http://www.pubmedcentral.nih.gov/pmcdoc/tagging-guidelines/article/style.html#References>

Sample PubMed Central Citations

<http://dtd.nlm.nih.gov/publishing/coding/citations.html>

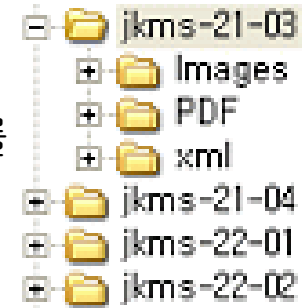
PMC XML 작업 환경 만들기

- Journal Publishing Tag Set (<http://dtd.nlm.nih.gov/publishing>)
Journal Publishing DTD Version2.3
Preview Stylesheet: ViewNLM-v2.3.zip 다운로드
- Editpad.exe
- Reference Converter: DrXML 9.4 ver.

PMC XML 작업 환경 만들기

- PMC 폴더 생성

- Images, PDF, xml 폴더를 포함하는 학술지 각 호별 폴더를 zip으로 압축하여 PMC에 업로드 해야함



- xml & PDF 파일명 부여방법: Jour-vol-pg.ext

- jkms 21권 5페이지의 xml 문서 파일명 → jkms-21-5.xml

- jkms 21권 5페이지의 pdf 문서 파일명 → jkms-21-5.pdf

- 그래픽 & 부록 파일명 부여방법: Jour-vol-pg-typ000.ext

- g: figure graphic + alphanumeric identifier

- i: inline graphic + alphanumeric identifier

- s: supplementary data file + alphanumeric identifier

- e: equation + alphanumeric identifier

- a: appendix + alphanumeric identifier

PMC XML 에러 체크 순서

- PMC Style Checker

http://www.pubmedcentral.nih.gov/utis/style_checker/stylechecker.cgi

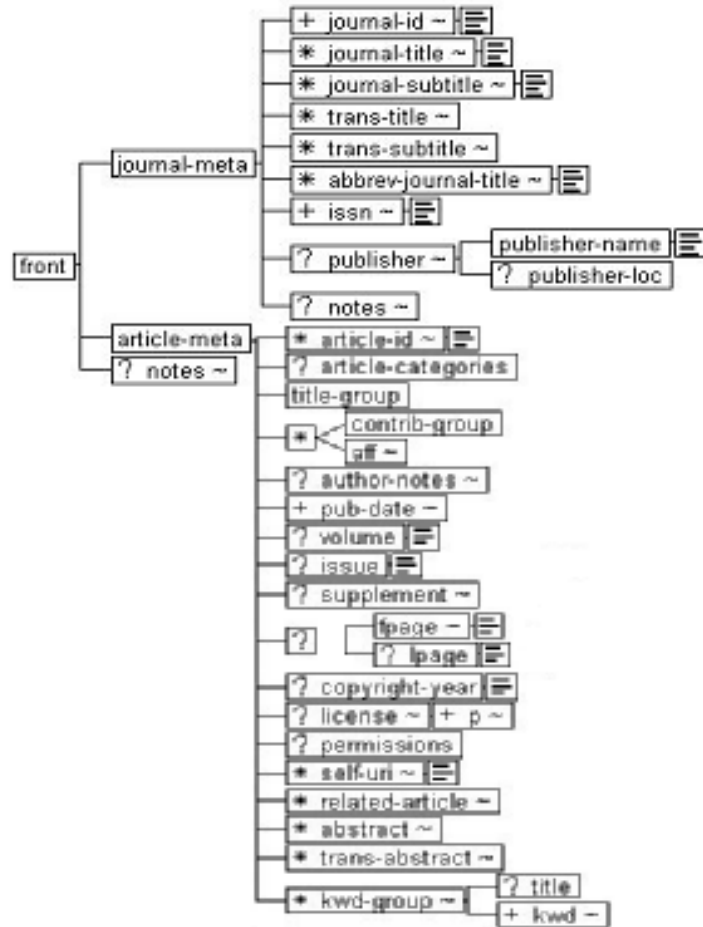
- PMC XML Validator

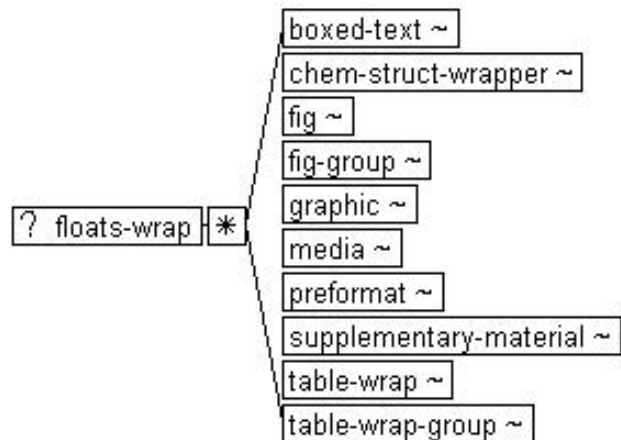
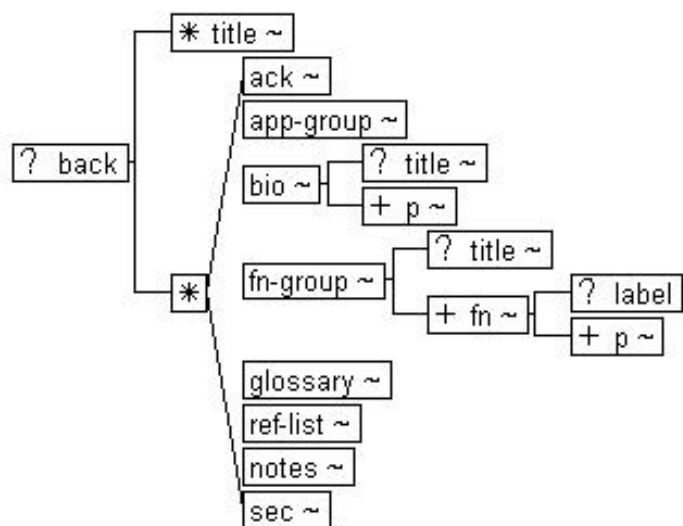
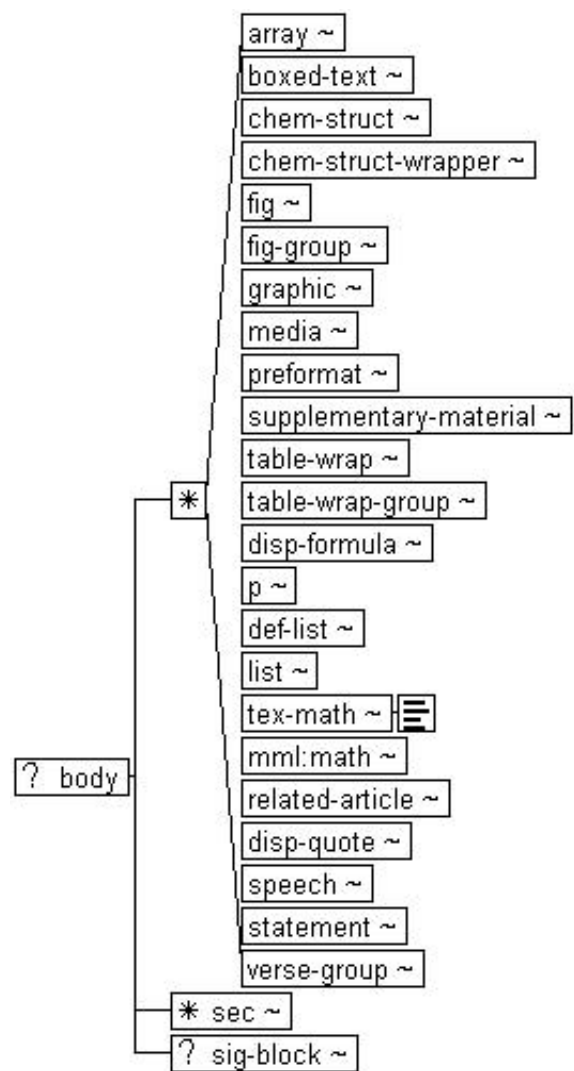
<http://www.pubmedcentral.nih.gov/utis/validate/xmlcheck.cgi>

- PMC Article Previewer

<http://www.pubmedcentral.nih.gov/utis/pv/>

PMC XML 파일 구조





PMC XML Blank file

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</article>
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학술지에 나타난 편집 에러 (혹은 저자 에러)

본문 에러

vein, and are carried to the liver (Leuttermoser, 1938). Larval maturation is swift, and female worms bearing ova may be seen 18-21 days after the ingestion of embryonated eggs by the host (Luttermoser, 1938; Wright 1961). Normal egg production increases rapidly from day 20 post-infection (PI) to its peak at day 40 PI, with no further egg production occurring after about day 70 PI (Lämmler et al., 1974).

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Korea Seoul Artificial Eye Center, Seoul National University Hospital Clinical Research Institute³, Seoul, Korea

Department of Ophthalmology, Seoul National University Bundang Hospital², Seoul, Korea

Purpose: To compare forward shift of posterior corneal surface and higher-order aberration (HOA) changes after LASIK, LASEK, and wavefront-guided LASEK surgery in moderate myopia

Methods: One hundred eighty four eyes undergoing LASIK, LASEK and wavefront-guided LASEK with VISX STAR S4 were included in this study. The posterior corneal elevation was measured with Orbscan before, 2 and 4 months after surgery. Changes of the elevation were assessed using the difference map generated from preoperative and postoperative elevation maps. The values of higher-order aberrations were evaluated preoperatively and 2 months postoperatively with Wavefront aberrometer.

To determine the risk factors for consecutive ET, the patient's age, refractive error, type of surgery, deviation angle, and lateral incomitancy were analyzed for each group. Lateral incomitancy was defined as a condition in which the angle of exotropia for lateral gaze was 20% or less than the angle for primary gaze.

Pearson's chi-square test was used for statistical analysis.

Generally, the age of onset for solitary fibrofolliculoma is the sixth decade, in contrast to the much earlier onset (in the third decade) of the multiple hereditary form.³ However, reports of solitary fibrofolliculoma in Korea reveal that the lesion has arisen

in patients between 1 and 36 years of age, indicating that the lesion can arise in patients at any age.^{10,11}

* Fig & Table 번호가 틀린 경우

- 학술지에는 Fig. 2B라고 나와 있지만, 표 2에는 A, B가 없고, 표 1이 A, B로 나뉘져 있음.

- Table 1, 2 다음에 3번 없이 Table 4가 나오는 경우

Fig 2A와 Fig 2B가 나뉘져 있는데, 본문에서는 Fig 2로만 언급한 경우

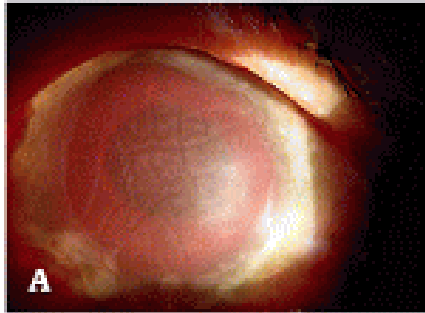


Fig. 1A. Slit lamp photograph at initial presentation: lower corneal edema, hyphema, exudative membranes on anterior lens surface, and mottled pupil.

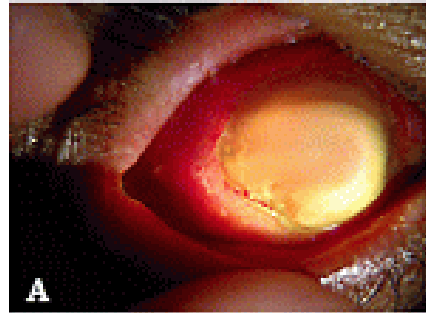


Fig. 2A. Slit lamp photograph on the day 2 after intravitreal injections: Totally opaque cornea and inferior protrusion of the eyeball.

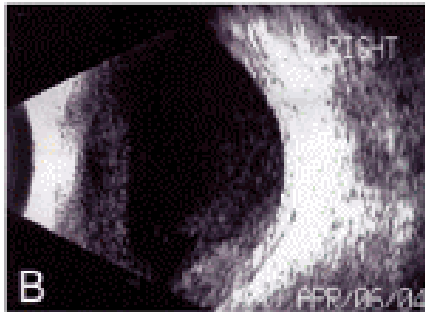


Fig. 1B. B-scan ultrasonography at initial presentation: Moderate vitreous opacities.

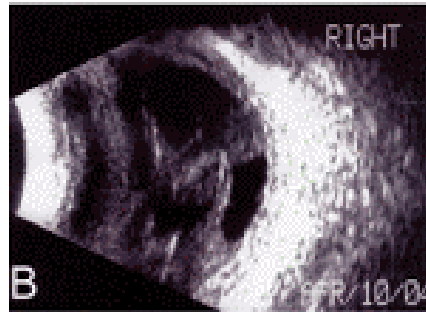


Fig. 2B. B-scan ultrasonography on the day 2 after intravitreal injections: Increased and condensed vitreous opacities.

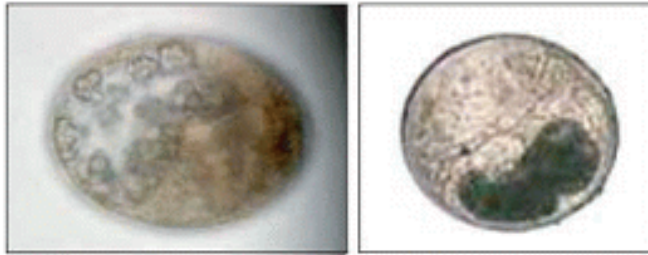
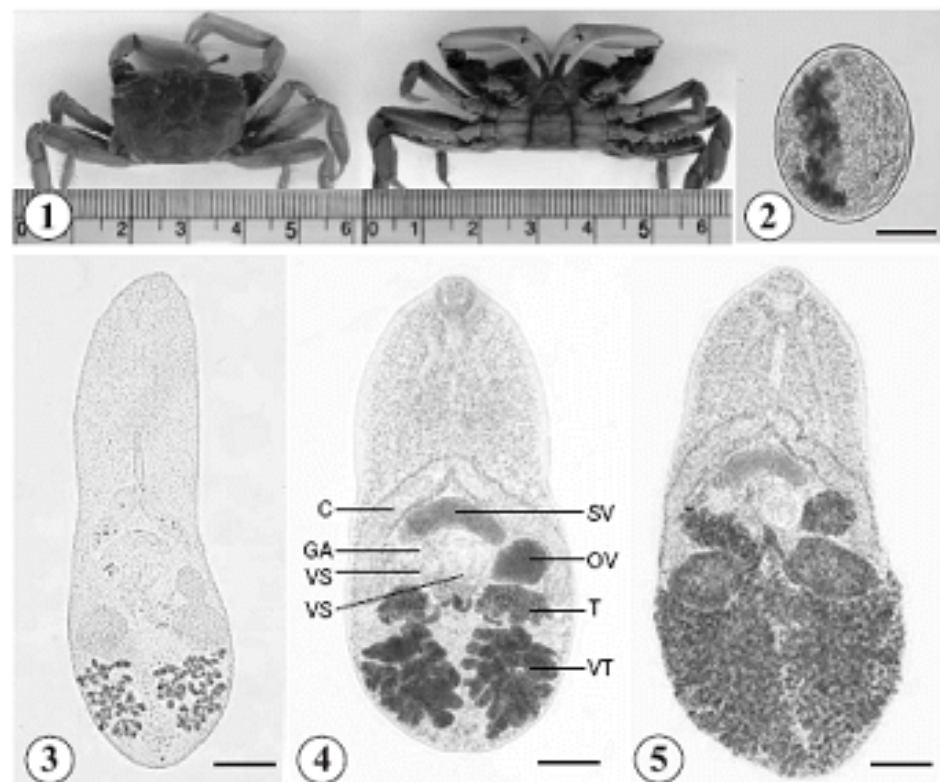


Fig. 2. Photos of an unidentified metacercaria type 1 (Us-1) (left) and an unidentified metacercaria type 2 (Us-2) (right). $\times 40$.

recovered only from the cage-reared catfish. The only species of zoonotic metacercariae recovered was *Haplorchis pumilio*, whose prevalence was 0.7% (3/459). These encysted metacercariae were identified by their elliptical shape, size (0.16-0.19 \times 0.14-0.16 mm), possession of 36-42 hooklets on the ventral sucker, and O-shaped excretory bladder. The putative non-zoonotic *Exorchis oviformis* was identified by its 0.18-0.20 \times 0.14-0.15 mm size, thin transparent cyst wall, prominent eye spots lateral to the pharynx, and ventral sucker smaller than the oral sucker; it occurred in 0.9% of catfish (4/459). An unidentified metacercaria species (Us-1, Fig. 2a) was present in 1.1% (5/459). Among the 3 districts, the prevalence of *H. pumilio* was 0.5% in Chau Phu (involving 2 communes), and 1.8% in Chau Thanh district (one commune); no metacercariae were recovered from catfish



Figs. 1-5. The crab host, a metacercaria and adults of *Gynacostylis squaterolae*. Fig. 1. Dorsal (left) and ventral (right) views of the shore crab, *Macrophthalmus dilatatus*, the second intermediate host. Fig. 2. A metacercaria from the crab, encysted. Bar = 120 μ m. Fig. 3. An excysted metacercaria, showing the oral, ventral suckers, ovary, testes, cirrus sac, genital atrium, and vitelline follicles. Bar = 50 μ m. Fig. 4. A 2-day-old juvenile worm recovered from an experimental rat, stained with Semichon's acetocarmine. Two ceca (C), an ovary (OV), 2 ventral suckers (VS), genital atrium (GA), testes (T), vitellaria (VT), and cirrus pouch with seminal vesicle (SV) are easily recognized. Bar = 60 μ m. Fig. 5. A 6-day-old adult fluke recovered from a rat, stained with Semichon's acetocarmine. Numerous eggs are seen in the uterine loop, and the size of testes remarkably enlarged. Bar = 70 μ m.

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1: [Pediatr Infect Dis J](#), 2005 Jan; 24(1):86-8.

Cryptosporidium infection in diarrheic children in southeastern Iran.

[Hamedì Y](#), [Safa O](#), [Haidari M](#).

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In a cross-sectional study conducted in children referred to Bandar Abbas Pediatric Hospital in southeastern Iran, the prevalence of *Cryptosporidium* infection was 7%. Diarrhea lasted significantly longer in children infected with *Cryptosporidium*. There were also a significant association between *Cryptosporidium* infection and underweight children and no association with parent's occupation, breast-feeding, source of drinking water, vicinity or presence of sewage or animal exposure.

PMID: 15665718 [PubMed - indexed for MEDLINE]

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Intravitreal triamcinolone acetonide for diabetic diffuse macular edema: preliminary results of a prospective controlled trial.

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Department of Ophthalmology, Hôpital Lariboisière, Assistance Publique-Hôpitaux de Paris, Université Paris 7, Paris, France.

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Decreased intraocular pressure induced by nitric oxide donors is correlated to nitrite production in the rabbit eye.

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저자의 경우 수술 중 열공을 보인 5안 중 4안에서 내경계막하출혈이 동반되어 내경계막 제거술을 시행하였고, 열공의 위치가 모두 10시 방향 공막절개하 부위였던 점을 미루어 볼 때, 안내 기구의 조작이 허혈로 인해 약해진 망막조직에서 열공이 발생하는데 위험 요인으로 작용할 수 있으리라 짐작된다. 따라서 수술 중에는 공막절개부위의 망막열공 발생 가능성을 염두에 두고 조심스러운 안내 기구의 조작이 필요하다 하겠다. 또한 본 연구에서는 열공이 발견되지는 않았으나 2안에서 10시 방향에 망막변성을 보여 예방적 냉응고술을 시행하여 망막박리로 진행하지 않았으며 Murjaneh et al¹³은 터슨 증후군에서 평면부유리체절제술 시 포트를 삽입하기 위한 공막절개하 부위에 예방적 냉응고 또는 냉응고 치료가 필요하다고 제안하였다.

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