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### Corneal edema after phacoemulsification - NCBI - NIH

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5742966/> - 翻译此页

作者: N Sharma - 2017 - 被引用次数: 2 - 相关文章

However, retrospective studies and **case reports** were included if important. ... [1,2]. Among the several myriad complications that might ensue a cataract surgery, ... adenosine, sodium hyaluronate, superoxide dismutase, and **ascorbic acid**. ..... Factors **related** to **corneal endothelial damage** after **phacoemulsification** in eyes ...

### Factors related to corneal endothelial damage after ...

[https://www.jcrsjournal.org/article/S0886-3350\(07\)01751-8/pdf](https://www.jcrsjournal.org/article/S0886-3350(07)01751-8/pdf) - 翻译此页

作者: YC Ko - 2008 - 被引用次数: 25 - 相关文章

PURPOSE: To evaluate the influence of **preoperative** variables and early ... CONCLUSIONS: The **corneal endothelial** cell loss after **phacoemulsification** in eyes with occludable ... intraocular pressure (IOP) in postiridotomy eyes.2,4 ... This prospective interventional **case** series comprised 60 con- ... **Topical** steroid eyedrops.

### Factors related to corneal endothelial damage after ...

[https://www.jcrsjournal.org/article/S0886-3350\(07\)01751-8/fulltext](https://www.jcrsjournal.org/article/S0886-3350(07)01751-8/fulltext) - 翻译此页

作者: YC Ko - 2008 - 被引用次数: 25 - 相关文章

To evaluate the influence of **preoperative** variables and early postoperative ... adjusting for nuclear opalescence and **phacoemulsification** time ( $R^2 = 0.40$ ,  $P = .001$ ). Conclusions. The **corneal endothelial** cell loss after **phacoemulsification** in eyes with .... Some studies **report corneal** decompensation after uneventful cataract ...

### [PDF] THE ROLE OF ASCORBIC ACID IN CORNEAL ENDOTHELIAL ...

[repository-tnmgrmu.ac.in/3101/1/2203001sruthis.pdf](https://repository-tnmgrmu.ac.in/3101/1/2203001sruthis.pdf) ▼ 翻译此页

作者: S Sruthi - 2012 - 相关文章

Acid in **Corneal Endothelial Protection** during Small incision cataract surgery" .... Manual small incision cataract surgery offers **similar** ... and ultraviolet radiation in **phacoemulsification**, **both** in vivo and in vitro ... Some have **reported** a protective effect of ..... Effect of **topical ascorbic acid** on free radical tissue **damage** and.

## Match Overview

1 Internet 12 words  
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1 **Name of Journal:** *World Journal of Clinical Cases*

2 **Manuscript NO:** 44580

3 **Manuscript Type:** CASE REPORT

4

5 Perioperative topical ascorbic acid for the prevention of  
6 phacoemulsification-related corneal endothelial damage: Two cases of  
7 report and review of literature

8

9 Lee CY *et al.* AA for phaco-induced corneal endothelial damage

10

11 Chia-Yi Lee, Hung-Ta Chen, Yi-Jen Hsueh, Hung-Chi Chen, Chieh-Cheng

12 Huang, Yaa-Jyuhn James Meir, Chao-Min Cheng, Wei-Chi Wu

13

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### (PDF) Hydrogen prevents corneal endothelial damage in ...

[https://www.researchgate.net/.../306009539\\_Hydrogen\\_prevents\\_corneal\\_en...](https://www.researchgate.net/.../306009539_Hydrogen_prevents_corneal_en...) - 翻译此页

2018年7月31日 - PDF | In **phacoemulsification**, ultrasound induces hydroxyl radical ( $\cdot\text{OH}$ ) formation, ... In addition, **corneal endothelial** cell expressions of **two** oxidative stress ... (d) SOD2 mRNA in **corneal endothelial** cells in the **control** ( $n = 7$ ;  $1.92 \pm 0.36$ ) and ..... several **reports** have shown the effect of **ascorbic acid** as an ...

### Phacoemulsification-induced injury in corneal endothelial cells ... - NCBI

<https://www.ncbi.nlm.nih.gov/pubmed/19027574> - 翻译此页

作者 : N Geffen - 2008 - 被引用次数 : 22 - 相关文章

**Phacoemulsification**-induced injury in **corneal endothelial** cells mediated by apoptosis: in ... protective effect of **ascorbic acid** in cultured bovine **corneal endothelial** cells (CECs). ... Results were **similar** in CECs exposed to hydrogen peroxide for 48 hours as a positive **control** (mean  $345 \pm 6$  and  $376 \pm 1$  at hydrogen peroxide ...

缺少字词 : Perioperative topical two case reports

### Corneal edema after phacoemulsification - NCBI - NIH

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5742966/> - 翻译此页

作者 : N Sharma - 2017 - 被引用次数 : 2 - 相关文章

However, retrospective studies and **case reports** were included if important. ... The post-**phacoemulsification** **corneal** edema may occur due to endothelial pump failure ... adenosine, sodium hyaluronate, superoxide dismutase, and **ascorbic acid**. ..... Factors **related** to **corneal endothelial damage** after **phacoemulsification** in ...

### Reduced aqueous humour ascorbic-acid concentration in women with ...

<https://www.nature.com/scientific-reports/articles> - 翻译此页

2 天前 - Scientific **Reports** volume 9, Article number: 372 (2019) | Download Citation ... **Ascorbic acid** (AA) concentration in the human aqueous humour (AqH) is .... in **phacoemulsification** and reduces **corneal endothelial-cell damage**. ... However, in **both cases**, we collected samples after the patients had fasted for ...

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## Corneal edema after phacoemulsification - NCBI - NIH

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5742966/> - 翻译此页

作者: N Sharma - 2017 - 被引用次数: 2 - 相关文章

The post-phacoemulsification corneal edema may occur due to endothelial pump failure ... adenosine, sodium hyaluronate, superoxide dismutase, and ascorbic acid. .... Factors related to corneal endothelial damage after phacoemulsification in eyes .... following phacoemulsification: Case report and review of literature.

## Phacoemulsification-induced injury in corneal endothelial cells ... - NCBI

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作者: N Geffen - 2008 - 被引用次数: 22 - 相关文章

Phacoemulsification-induced injury in corneal endothelial cells mediated by apoptosis: in ... protective effect of ascorbic acid in cultured bovine corneal endothelial cells (CECs). ... Results were similar in CECs exposed to hydrogen peroxide for 48 hours as a positive control (mean 345+/-6 and 376+/-1 at hydrogen peroxide ...

缺少字词: Perioperative topical Two cases report review literature

## PROF Rasik Vajpayee - The University of Melbourne

<https://findanexpert.unimelb.edu.au/display/person152940> ▼ 翻译此页

Anterior Segment including Cornea, Cataract and Refractive Surgery ... late onset Fuchs endothelial corneal dystrophy in patients from northern India. .... 2010; Preoperative evaluation. .... nodular degeneration: report of two cases and review of literature. ... 2005; Topical ascorbic acid after LASIK: Short term effects 2005 ...

## Recovery after cataract surgery - Porela-Tiihonen - 2016 - Acta ...

<https://onlinelibrary.wiley.com/doi/full/10.1111/aos.13055> - 翻译此页

作者: S Porela-Tiihonen - 2016 - 被引用次数: 7 - 相关文章

2016年4月25日 - In most cases, recovery after modern phacoemulsification cataract ... The present review of the literature examines studies reporting ... significantly affect the extent of corneal endothelium trauma during ... inflammation which occurs after cataract surgery in both the anterior and posterior segments of the eye.

## Effects of intracameral ascorbic acid on the corneal endothelium of ...

[onlinelibrary.wiley.com/doi/10.1111/vop.12490/pdf](https://onlinelibrary.wiley.com/doi/10.1111/vop.12490/pdf) - 翻译此页

the corneal endothelium. Key Words: ascorbic acid, cataract, cornea, dog, endothelial cells phacoemulsification. INTRODUCTION AND LITERATURE REVIEW.