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Iatrogenic Crystalline Lens Injury during Intravitreal Injection of Triamcinolone A



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Complications in patients after intravitreal injection of ...

https://www.researchgate.net/publication/5819555_Complications_in_patients_after...

Complications in patients after **intravitreal injection** of bevacizumab. ... The use of **intravitreal bevacizumab** in treating ocular diseases was first reported in 2005 for choroidal neovascularization (CNV) caused by **AMD**. One of the side effects is related to the rise of intraocular pressure (IOP), which can be transient or permanent [3].

[PDF] Intravitreal Triamcinolone Acetonide Injection at the ...

<https://synapse.koreamed.org/Synapse/Data/PDFData/0065KJO/kjo-23-13.pdf>

complicated cataract surgery in which **lens** material was dropped into the vitreous cavity were reviewed retro-spectively. Results: Five eyes of five patients were treated by vitrectomy and removal of the dislocated **lens** material and were administered an adjuvant **intravitreal injection** of 4 mg **triamcinolone acetonide** at the end of surgery. IVTA

Short-term complications of intravitreal injections of ...

<https://www.nature.com/articles/eye200810>

Feb 22, 2008 · Short-term complications of **intravitreal injections** of **triamcinolone** and **bevacizumab** ... after **intravitreal triamcinolone acetonide** ... of **iatrogenic crystalline lens injury** occurred during ...

Cited by: 113

Author: J B Jonas, U H Spandau, F Schlichtenb...

Publish Year: 2008

Author: J B Jonas, U H Spandau, F Schlichtenb...

Complications in patients after intravitreal injection of ...

<https://onlinelibrary.wiley.com/doi/10.1111/j.1600-0420.2007.01067.x>

Ocular complications possibly related to the **bevacizumab intravitreal injection** included corneal abrasion (n = 2, 0.28%), chemosis (n = 2, 0.28%), **lens injury** (n = 1, 0.14%), **ocular inflammation** (n = 2, 0.28%), retinal pigment epithelial (RPE) tear (n = 1, 0.14%) and acute vision loss (n = 1, 0.14%).

Cited by: 227

Author: Chiharu Shima, Hirokazu Sakaguchi, F...

Publish Year: 2008

Management of iatrogenic crystalline lens injury occurred ...

<https://link.springer.com/article/10.1007/s10792-015-0156-5> ▾

Management of **iatrogenic crystalline lens injury** occurred during **intravitreal injection**. **Phacoemulsification surgery** was performed in patients with cataract formation with lower fluidic settings. A total of 9 cases included in the study. Seven cases underwent phacoemulsification with **intraocular lens implantation**.

Cited by: 2

Author: Gurkan Erdogan, Betul Onal Gunay, Cih...

Publish Year: 2016

Match Overview

1	Crossref 42 words Carsten H. Meyer. "Incidence of Damage to the Crystalline Lens During Intravitreal Injections", Journal of Ocular Phar	2%
2	Crossref 26 words Sakuma, T.. "Intravitreal Injection of Autologous Plasmin Enzyme for Macular Edema Associated with Branch Retinal ...	1%
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6	Crossref 13 words N. Taright, G. Guedira, H. Morfeq, A. Drimbea, S. Milazzo. "Prevention of accidental injection of dexamethasone intravi...	<1%

Iatrogenic crystalline lens injury during intravitreal injection of triamcinolone acetonide: A report of two cases

Jing Su, Li-Jun Zheng, Xin-Quan Liu

Abstract

BACKGROUND

Intravitreal injection has become an efficient approach to deliver drugs at therapeutic levels to the posterior segment in retinal diseases. The increased frequency and number of intravitreal injections, however, have raised concerns about their side effects. Because the manipulation is relatively simple, details of the procedure are easily overlooked. Iatrogenic crystalline lens injury is a rare complication caused by improper manipulation during surgical procedures. We here report two cases of crystalline lens injury during intravitreal injection of triamcinolone acetonid, and hope to provide an insight into this treatment.

iatrogenic crystalline lens injury during intravitreal injection of



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13,500 Results

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Management of iatrogenic crystalline lens injury occurred ...

https://www.researchgate.net/publication/285572672_Management_of_iatrogenic...

The main outcome measure was the **incidence of lens damage**. A total of 32,318 **intravitreal injections** were performed, and 3 cases of **iatrogenic lens damage** were reported during 36 consecutive months.

Incidence of Damage to the Crystalline Lens During ...

<https://www.liebertpub.com/doi/10.1089/jop.2010.0045>

Results: A total of 32,318 **intravitreal injections** were performed, and 3 cases of **iatrogenic lens damage** were reported during 36 consecutive months. All affected eyes were hyperopic. All affected eyes were hyperopic.

Cited by: 32

Author: Carsten H. Meyer, Eduardo B. Rodrigues,...

Publish Year: 2010

Intravitreal Injection of Triamcinolone for Diffuse ...

<https://jamanetwork.com/journals/jamaophthalmology/fullarticle/414998> ▾

Jan 01, 2003 · The results of the present study suggest that the **intravitreal injection of triamcinolone** may be beneficial as a **treatment** for diffuse diabetic macular edema. The patients of the study group showed a significant improvement in **visual acuity** compared with that seen at baseline (Figure 1 and Figure 2). In contrast, the visual acuity of patients receiving **macular grid laser therapy** did not improve.

Cited by: 778

Author: Jost B. Jonas, Ingrid Kreissig, Antje Söfk...

Publish Year: 2003

Author: Jost B. Jonas, MD

GMS | GMS Ophthalmology Cases – An Open Access Journal ...

www.egms.de/static/en/journals/oc/2017-7/oc000067.shtml ▾

The reported incidence of **iatrogenic lenticular injury** following **intravitreal injection** ranges from 0–0.07% , , . Though the reported **incidence for cataract formation and lenticular touch** after **intravitreal injection** is quite low, **inadvertent injection** directly into the **crystalline lens** is even rarer and only three such instances have been reported in the literature till date.

Inadvertent steroid injection into the crystalline lens