

# Ophthalmology

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in use. examination of eyes in an Ophthalmology Clinic Ophthalmology is the branch of medicine which deals with the diseases and surgery of the visual pathways, including the eye, brain, and areas surrounding the eye, such as the lacrimal system and eyelids. The word ophthalmology comes from the Greek roots ophthalmos meaning eye and logos meaning word, thought or discourse; ophthalmology literally means "The science of eyes." As a discipline it applies to animal eyes also, since the differences from human practice are surprisingly minor and are related mainly to differences in anatomy or prevalence, not differences in disease processes. However, veterinary medicine is regulated separately in many countries and states/provinces resulting in few ophthalmologists treating both humans and animals. By convention the term ophthalmologist is more restricted and implies a medically trained specialist. Since ophthalmologists perform operations on eyes, they are generally categorized as physicians and surgeons. ([From the Wikipedia article Ophthalmology](#) .)

## Recent Publications on Ophthalmology:



- [Toxic anterior segment syndrome after uncomplicated cataract surgery.](#)  
*Purpose. To evaluate the anterior segment examination findings and the...* 21st November, 2009  
Ophthalmology Department, Istanbul Education and Research Hospital,- Eur J Ophthalmol. 2009 Nov 17.
- [Course of intraocular pressure after intravitreal injection of 0.05 mL ranibizumab \(Lucentis\(R\)\).](#)  
*Purpose. This prospective study examines the changes in short-term...* 21st November, 2009  
Department of Ophthalmology, Ludwigshafen Hospital - Germany.- Eur J Ophthalmol. 2009 Nov 18.
- [The Prevalence and Causes of Visual Loss Among HIV-Infected Individuals With Visual Loss in Uganda.](#)  
*AIM:: To determine the prevalence of loss of visual acuity and to describe...* 21st November, 2009  
From the \*Department of Ophthalmology, Mulago Hospital/Makerere- J Acquir Immune Defic Syndr. 2009 Nov 19. ([DOI Direct Link](#))
- [Penetrating Keratoplasty for Unilateral Corneal Disease: Outcomes From a Tertiary Care Hospital in Australia.](#)  
*PURPOSE:: To assess the visual outcome after unilateral penetrating...* 21st November, 2009  
From the Department of Ophthalmology (V.J., S.M., J.B., R.B.V.), Royal- Eye Contact Lens. 2009 Nov 17. ([DOI Direct Link](#))
- [Epididymal sarcoidosis: a case report.\]](#)  
*A 33-year-old male complained of poor vision and visited the ophthalmology...* 21st November, 2009  
The Department of Nephrourologic Surgery and Andrology, Mie University- Hinyokika Kiyō. 2009 Oct;55(10):645-649.
- [Prevalence of Myopia and Hyperopia in 6- to 72-Month-Old African American and Hispanic Children:](#)

[The Multi-Ethnic Pediatric Eye Disease Study.](#)

*PURPOSE: To determine the age-, gender-, and ethnicity-specific prevalence...*21st November, 2009  
- Ophthalmology. 2009 Nov 17. ([DOI Direct Link](#))

- [Staphylococcus aureus Endophthalmitis: Antibiotic Susceptibilities, Methicillin Resistance, and Clinical Outcomes.](#)

*PURPOSE: To investigate the antibiotic susceptibility and clinical...*21st November, 2009  
Department of Ophthalmology, Bascom Palmer Eye Institute, University of- Am J Ophthalmol. 2009 Nov 17. ([DOI Direct Link](#))

- [Ten-Year Longitudinal Visual Function and Nd: YAG Laser Capsulotomy Rates in Patients Less Than 65 Years at Cataract Surgery.](#)

*PURPOSE: To investigate the longitudinal subjective and objective visual...*21st November, 2009  
Department of Clinical Sciences/Ophthalmology, Norrlands University- Am J Ophthalmol. 2009 Nov 17. ([DOI Direct Link](#))

- [Mitomycin C-augmented deep sclerectomy in primary open-angle glaucoma and exfoliation glaucoma: a three-year prospective study.](#)

*Purpose: To investigate the efficacy and safety of mitomycin C...*21st November, 2009  
Department of Ophthalmology, Kuopio University Hospital, Kuopio, Finland.- Acta Ophthalmol. 2009 Nov 19. ([DOI Direct Link](#))

- [Third nerve palsy following intravitreal anti-VEGF therapy for bilateral neovascular age-related macular degeneration.](#)

*Purpose: To investigate the efficacy and safety of mitomycin C...*21st November, 2009  
Department of Ophthalmology and Vision Sciences, Faculty of Medicine,- Acta Ophthalmol. 2009 Nov 19. ([DOI Direct Link](#))

- [Reappraisal of maximal paracentesis in central retinal artery occlusion.](#)

*Purpose: To investigate the efficacy and safety of mitomycin C...*21st November, 2009  
Departments of Ophthalmology, American University of Beirut and Rafic- Acta Ophthalmol. 2009 Nov 19. ([DOI Direct Link](#))

- [Endophthalmitis caused by Pseudomonas aeruginosa after phakic posterior chamber intraocular lens implantation to correct high myopia.](#)

*Purpose: To investigate the efficacy and safety of mitomycin C...*21st November, 2009  
Department of Ophthalmology, Graduate School of Medicine, Pusan National- Acta Ophthalmol. 2009 Nov 19. ([DOI Direct Link](#))

- [Prevalence of smoking and its associations with ocular parameters in adult Chinese: The Beijing Eye Study.](#)

*Purpose: To investigate the efficacy and safety of mitomycin C...*21st November, 2009  
Beijing Institute of Ophthalmology, Beijing Tongren Hospital, Capital- Acta Ophthalmol. 2009 Nov 19. ([DOI Direct Link](#))

- [Analysis of SERPING1 and its association with age-related macular degeneration.](#)

*Purpose: To investigate the efficacy and safety of mitomycin C...*21st November, 2009  
Academic Unit of Ophthalmology, University of Bristol, Bristol, UK.- Acta Ophthalmol. 2009 Nov 19. ([DOI Direct Link](#))

- [Consecutive exotropia after surgical treatment of childhood esotropia: a 40-year follow-up study.](#)

*Purpose: To determine the incidence of consecutive exotropia (XT)...*21st November, 2009  
Department of Ophthalmology, Sultan Qaboos University, Muscat, Oman.- Acta Ophthalmol. 2009 Nov 19. ([DOI Direct Link](#))

## BioNews Results for Ophthalmology

- [Finding a protective mechanism for retinal cells could save sight](#)  
*Bionity.com: Nov 21 2009 5:25AM Matching: ophthalmology*

- [Retinal Arteriolar Vascular Reactivity in Untreated and Progressive Primary Open Angle Glaucoma](#)  
MDLinx: Nov 20 2009 12:12PM Matching: ophthalmology
- [Effects of Topical and Subconjunctival Bevacizumab \(Avastin\) in High-Risk Corneal Transplant Survival](#)  
MDLinx: Nov 20 2009 12:12PM Matching: ophthalmology
- [Timing of Corticosteroid Therapy is Critical to Prevent Retinal Ganglion Cell Loss in Experimental Optic Neuritis](#)  
MDLinx: Nov 20 2009 12:12PM Matching: ophthalmology
- [The Role of 11beta-Hydroxysteroid Dehydrogenase 1 in Adipogenesis in Thyroid-Associated Ophthalmopathy](#)  
MDLinx: Nov 20 2009 12:12PM Matching: ophthalmology
- ["Treat and Extend" Dosing of Intravitreal Antivascular Endothelial Growth Factor Therapy for Type 3 Neovascularization/Retinal Angiomatous Proliferation](#)  
MDLinx: Nov 20 2009 12:12PM Matching: ophthalmology
- [Effect of Cutting Phases on Flow Rate in 20-, 23-, and 25-Gauge Vitreous Cutters](#)  
MDLinx: Nov 20 2009 12:12PM Matching: ophthalmology
- [Comparison of Preoperative Nd:YAG Laser Anterior Capsulotomy Versus Two-Stage Curvilinear Capsulorhexis in Pha](#)  
PCON SuperSite: Nov 20 2009 8:53PM Matching: ophthalmology
- [FDA Panel Finds Tiotropium Safe for COPD Patients](#)  
MedPage Today: Nov 20 2009 8:31PM Matching: ophthalmology
- [Patients Win With Immediate Avastin Payment Reversal](#)  
Medical News Today: Nov 20 2009 4:10PM Matching: ophthalmology
- [Doctors Say Low Pay for Diabetes Care Shortchanges Patients](#)  
MedPage Today: Nov 20 2009 4:01PM Matching: ophthalmology
- [Medical News: Patients Win With Immediate Avastin Payment Reversal](#)  
BioFind: Nov 20 2009 3:20PM Matching: ophthalmology
- [Autoimmune Polyglandular Syndrome Type 2 With Myasthenia Gravis Crisis](#)  
MDLinx: Nov 20 2009 12:37PM Matching: ophthalmology
- [Current and future immunotherapy in myasthenia gravis](#)  
MDLinx: Nov 20 2009 12:37PM Matching: ophthalmology
- [Early Intervention of Tyrosine Nitration Prevents Vaso-obliteration and Neovascularization in Ischemic Retinopathy](#)  
MDLinx: Nov 20 2009 12:12PM Matching: ophthalmology

## Ophthalmology Patents:



- 7588566- [Electrothermal instrument for sealing and joining or cutting tissue](#)
- 7593549- [Apparatus and method for utilizing biometrics in medical applications](#)
- 7593559- [Method and system of coregistrating optical coherence tomography \(OCT\) with other clinical tests](#)
- 7594728- [Adjustable device for vision testing and therapy](#)
- 7595058- [Chlamydia antigens and vaccine uses of the protein](#)
- 7595430- [Methods and animal model for analyzing age-related macular degeneration](#)
- 7597878- [Optical fluorescent imaging](#)

- 7597886- [Tumor necrosis factor-gamma](#)
- 7597901- [System for delivering a composition to the nasal membrane and method of using the same](#)
- 7598252- [Compounds specific to adenosine A<sub>2</sub> receptors and uses thereof](#)
- 7598288- [Inhibitors of glycogen synthase kinase-3 \(GSK-3\) for treating glaucoma](#)
- 7593156- [Microscope with micro-mirrors for optional deflection and/or beam splitting](#)
- 7592449- [Structural carotenoid analogs for the inhibition and amelioration of disease](#)
- 7592418- [Biocompatible crosslinked polymers with visualization agents](#)
- 7589057- [Oil-in-water method for making alpha-2 agonist polymeric drug delivery systems](#)
- 7589107- [Amelioration of vitrectomy-induced cataracts](#)
- 7589190- [Potent LNA oligonucleotides for the inhibition of HIF-1A expression](#)
- 7589200- [5-Fluoro-4N-phenyl-4-pyrimidineamine compounds](#)
- 7590493- [Methods for determining hepatotoxins](#)
- 7591556- [Scleral contact lens with grooves and method of making lens](#)
- 7592143- [Methods of treating diseases responsive to induction of apoptosis and screening assays](#)
- 7592324- [RNAi-mediated inhibition of ocular targets](#)
- 7592325- [Methods and compositions for the treatment of eye disorders with increased intraocular pressure](#)
- 7592330- [Methods and compositions for preserving the viability of photoreceptor cells](#)
- 7601487- [Composition using HMW dextran and method for in vitro preservation of corneal tissues](#)
- 7601840- [Carboline derivatives useful in the inhibition of angiogenesis](#)
- 7618142- [Contact lenses](#)
- 7618177- [Multi-fiber variable intensity wide-angle illuminator](#)
- 7618372- [Laser guided eye measuring device and method for using](#)
- 7618414- [Tissue treatment system](#)
- 7618619- [Colored visco-elastic composition](#)
- 7618622- [Treatment of Parkinson's disease and related disorders using postpartum derived cells](#)
- 7618643- [Growth factor delivery system for the healing of wounds and the prevention of inflammation and disease](#)
- 7618647- [Using bucky paper as a therapeutic aid in medical applications](#)
- 7620147- [Orthovoltage radiotherapy](#)
- 7620289- [Spring-loaded fiber coupler cover with cam profile](#)
- 7615564- [Isoquinoline derivatives having kinases inhibitory activity and drugs containing the same](#)
- 7615528- [Methods for alleviating deleterious effects of 3-deoxyglucosone](#)
- 7615213- [Antibodies against human interleukin-13 and pharmaceutical compositions thereof](#)
- 7604351- [Optical image measurement device and optical image measurement method](#)
- 7608585- [Compositions for inhibition of necrosis induced by a neurotrophin](#)
- 7608612- [Radiosensitizer formulations and methods for use](#)
- 7610074- [Multi-functional plasmon-resonant contrast agents for optical coherence tomography](#)
- 7611893- [Metal-binding therapeutic peptides](#)
- 7611895- [Method for growth of human conjunctival tissue equivalents for research, clinical ocular surface transplantation and tissue engineering](#)
- 7612033- [Methods for delivering compounds into a cell](#)
- 7612115- [Aqueous pharmaceutical compositions](#)
- 7613505- [Device for the detection and characterization of biological tissue](#)
- 7615073- [Foldable intraocular lens and method of making](#)
- 7620560- [Computer-implemented method for grouping medical claims with clinically representative dynamic clean periods](#)

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