

# Optic Nerve

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Optic Nerve may be a reference to:\*Optic nerve, the anatomical structure;\*Optic Nerve , the comic book series;\*Optic Nerve , the seminal release from the Irish hip hop act known as Exile Eye; or\*Optic Nerve , a Red Hot Benefit Series tribute to David Wojnarowicz. Optometry Optometry is a health care profession concerned with eyes and related structures, vision, visual system and vision information processing in humans. Like most health professions, optometry education, certification and practice is regulated in most countries. Optometrists and related organizations interact with government, other health care professions and the community to deliver eyecare and visioncare. Optometry is a type of eyecare profession and optometrists often interact with other eye care professionals, such as ophthalmologists and opticians. ) in use.



## Recent Publications on Optic Nerve:

- [I-125 brachytherapy for choroidal melanoma photographic and angiographic abnormalities: the Collaborative Ocular Melanoma Study: COMS Report No. 30.](#)  
*OBJECTIVES: (1) To summarize the protocol used for grading features of...*3rd January, 2009  
University of Iowa Hospitals and Clinics, Department of Ophthalmology,- Ophthalmology. 2009 Jan;116(1):106-115.e1. ([DOI Direct Link](#))
- [Secondary degeneration of the optic nerve following partial transection: The benefits of lomerizine.](#)  
*Secondary degeneration is a form of 'bystander' damage that can affect...*3rd January, 2009  
Experimental and Regenerative Neurosciences, University of Western- Exp Neurol. 2008 Dec 11. ([DOI Direct Link](#))
- [Optic nerve sheath diameter correlates with the presence and severity of acute mountain sickness: evidence for increased intracranial pressure.](#)  
*Increased intracranial pressure is suspected in the pathogenesis of acute...*2nd January, 2009  
Massachusetts General Hospital.- J Appl Physiol. 2008 Dec 31. ([DOI Direct Link](#))
- [Digital volume tomography \(DVT\) as a diagnostic modality of the anterior skull base.](#)  
*Conclusion. Because of high resolution and the relatively lower costs in...*2nd January, 2009  
Department of Otolaryngology, Head & Neck Surgery.- Acta Otolaryngol. 2008 Dec 31:1-9. ([DOI Direct Link](#))
- [Inducible site-specific recombination in neural stem/progenitor cells.](#)  
*To establish a genetic tool for manipulating the neural stem/progenitor...*1st January, 2009  
Department of Developmental Biology and Kent Waldrep Foundation Center for- Genesis. 2008 Dec 30. ([DOI Direct Link](#))
- [Involvement of retinoic acid signaling in goldfish optic nerve regeneration.](#)  
*Recently, we identified a retina-specific retinol-binding protein,...*31st December, 2008  
Division of Health Sciences, Graduate School of Medicine, Kanazawa- Neurochem Int. 2008 Dec 9. ([DOI Direct Link](#))

- [Optic nerve sheath meningioma: a case report.](#)  
*ABSTRACT: A case of a 75-year old male with right-sided exophthalmos is...*31st December, 2008  
- Cases J. 2008 Dec 29;1(1):423. ([DOI Direct Link](#))
- [\[Value of mfVEP test in pituitary tumors diagnosis\]](#)  
*PURPOSE: To evaluate the mfVEP test in detection of the optic nerve...*31st December, 2008  
Z Katedry i Kliniki Okulistyki Pomorskiej Akademii Medycznej w Szczecinie.- Klin Oczna. 2008;110(7-9):247-51.
- [\[Endoscopy-assisted surgery of the sellar region.\]](#)  
*OBJECTIVE. To evaluate the usefulness of endoscopic assisted surgery of...*30th December, 2008  
Servicios de Neurocirugia. Hospital Universitario La Fe. Valencia.- Neurocirugia (Astur). 2009 Dec;19(6):501-506.
- [Retinal ganglion cell death and optic nerve degeneration by genetic ablation in adult mice.](#)  
*Despite the magnitude of the problem, no effective treatments exist to...*27th December, 2008  
Department of Biochemistry and Molecular Biology, The University of Texas- Exp Eye Res. 2008 Dec 6. ([DOI Direct Link](#))
- [Pax2 in the optic nerve of the goldfish, a model of continuous growth.](#)  
*Pax2 is a well known transcription factor which participates in optic...*27th December, 2008  
Institute of Neuroscience of Castilla and Leon, Cell Biology, University- Brain Res. 2008 Dec 11. ([DOI Direct Link](#))
- [Uncommon cases of immature-type CD56\(+\) natural killer \(NK\)-cell neoplasms, characterized by expression of myeloid antigen of blastic NK-cell lymphoma.](#)  
*Immature-type CD56(+) natural killer (NK)-cell neoplasms are classified as...*26th December, 2008  
Department of Internal Medicine, National Hospital Organization Kagoshima- Int J Hematol. 2008 Dec 25. ([DOI Direct Link](#))
- [Phosphorylated neurofilament heavy chain is a marker of neurodegeneration in Leber hereditary optic neuropathy \(LHON\).](#)  
*PURPOSE: To determine the profile of neurodegeneration in Leber hereditary...*24th December, 2008  
Bascom Palmer Eye Institute, McKnight Vision Research Center, Miami, FL- Mol Vis. 2008;14:2443-50. Epub 2008 Dec 22.
- [Interretinal transduction of injury signals after unilateral optic nerve crush.](#)  
*In this study, we report that partial unilateral optic nerve crush in the...*24th December, 2008  
aProject Group Neuroplasticity bDepartment of Acoustics, Learning and- Neuroreport. 2008 Dec 19. ([DOI Direct Link](#))
- [Low-dose busulphan conditioning and neonatal stem cell transplantation preserves vision and restores hematopoiesis in severe murine osteopetrosis.](#)  
*OBJECTIVE: Infantile malignant osteopetrosis is a fatal disease caused by...*23rd December, 2008  
Molecular Medicine and Gene Therapy, Lund Stem Cell Center, University- Exp Hematol. 2008 Dec 17. ([DOI Direct Link](#))

## BioNews Results for Optic Nerve

- [Medical News: Cadaver Study May Help Make Optic Nerve Decompression Surgery Safer](#)  
*Medical News Today: Dec 26 2008 11:15AM Matching: optic nerve*
- [Cadaver Study May Help Make Optic Nerve Decompression Surgery Safer](#)  
*Medical News Today: Dec 25 2008 10:26AM Matching: optic nerve*
- [Cadaver Study May Help Make Optic Nerve Decompression Surgery Safer](#)  
*Newswise: Dec 19 2008 3:25PM Matching: optic nerve*
- [MRI Scans Can Predict Effects Of MS Flare-Ups On Optic Nerve](#)  
*Medical News Today: Dec 18 2008 4:51PM Matching: optic nerve*
- [Scans Predict Effects of MS Flare-ups on Optic Nerve](#)

Newswise: Dec 17 2008 4:57PM Matching: optic nerve

- [New Pathways Studied to Repair Nerves](#)

KXLY: Nov 7 2008 1:46PM Matching: optic nerve

## Optic Nerve Clinical Trials:



- [Optic Nerve Sheath Fenestration](#)

## Optic Nerve Patents:



- 7425334- [Methods of making antibodies that bind Nogo](#)
- 7439940- [Passive virtual reality](#)
- 7441900- [Contrast chart device, contrast sensitivity measuring device and contrast sensitivity measuring method](#)
- 7442183- [Techniques for selective activation of neurons in the brain, spinal cord parenchyma or peripheral nerve](#)
- 7442191- [Systems and methods for electrosurgical treatment of turbinates](#)
- 7442686- [Treatment of macular degeneration with ADP-ribosyl transferase fusion protein therapeutic compositions](#)
- 7442715- [Thiazole derivatives](#)
- 7444057- [Variable-wedge rotating-disk beam attenuator for ophthalmic endoilluminator](#)
- 7446120- [Peptidomimetic modulators of cell adhesion](#)
- 7446176- [12 human secreted proteins](#)
- 7447408- [Imaging system and related techniques](#)
- 7439262- [Substituted 1-alkylamino-1-H-indazoles for the treatment of glaucoma](#)
- 7438409- [Illuminated reading glasses](#)
- 7437196- [Systems and methods for selecting stimulation sites and applying treatment, including treatment of symptoms of Parkinson's disease, other movement disorders, and/or drug side effects](#)
- 7425572- [Use of dioxindindazoles and dioxoloindazoles for treating glaucoma](#)
- 7427136- [Method for diagnosis and treatment of processing difficulties, integration problems, imbalances and abnormal postures](#)
- 7429574- [4-heterocyclo-pyrrolo\[2,3d\] pyrimidine compositions and their use](#)
- 7429595- [Acyl and sulfonyl derivatives of 6,9-disubstituted 2-\(trans-1,4-diaminocyclohexyl\)-purines and their use as antiproliferative agents](#)
- 7431709- [Glaucoma implant device](#)
- 7431710- [Ocular implants with anchors and methods thereof](#)
- 7432254- [Method for treating glaucoma IC](#)

- 7433116- [Infra-red light source including a raman shifter](#)
- 7435247- [Systems and methods for electrosurgical tissue treatment](#)
- 7435724- [Degradation-resistant mononucleoside phosphate compounds](#)
- 7447547- [Neural prosthesis based on photomechanical deflectors and tactile sensory cells](#)
- 7448752- [Method of treating the human eye with a wavefront sensor-based ophthalmic instrument](#)
- 7461658- [Methods for treating eye conditions](#)
- 7462349- [Beta interferon for the treatment of chronic spinal cord injury](#)
- 7462455- [Diagnostic test for collie eye anomaly](#)
- 7462635- [Thiazole and oxazole VDAC regulator](#)
- 7465463- [Compositions comprising microspheres with anti-inflammatory properties for healing of ocular tissues](#)
- 7466423- [Optical mapping apparatus](#)
- 7468368- [Piperazinylacypiperidine derivatives, their preparation and therapeutic use thereof](#)
- 7468391- [Methods for treating retinoid responsive disorders using selective inhibitors of CYP26A and CYP26B](#)
- 7468434- [Diazene-bridge crown ether lithium compounds and methods for their use](#)
- 7470027- [Temporal vision modification](#)
- 7459531- [50 Human secreted proteins](#)
- 7459426- [Methods of using IL-1 antagonists to treat autoinflammatory disease](#)
- 7458380- [Methods for treating eye conditions](#)
- 7448753- [Portable Digital Medical Camera for Capturing Images of the Retina or the External Auditory Canal, and Methods of Use](#)
- 7449442- [EGFR inhibitors promote axon regeneration](#)
- 7449469- [Prostaglandin derivatives](#)
- 7449551- [PRO211 polypeptides](#)
- 7452863- [NGF variants](#)
- 7452894- [Purine derivatives as purinergic receptor antagonists](#)
- 7455855- [Delivering substance and drug delivery system using the same](#)
- 7456015- [Tetracycline-regulated adeno-associated viral \(AAV\) vectors for gene delivery to the nervous system](#)
- 7456153- [Compounds and methods for modulating functions of classical cadherins](#)
- 7456213- [PEG-poly\(ortho ester\) graft copolymers and pharmaceutical compositions](#)
- 7470718- [Method for treating a demyelinating condition](#)

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