

Vitrectomy

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Vitrectomy is a surgery to remove some or all of the vitreous humor from the eye. Anterior vitrectomy entails removing small portions of the vitreous from the front structures of the eye - often because these are tangled in an intraocular lens or other structures. Pars plana vitrectomy is a general term for a group of operations accomplished in the deeper part of the eye, all of which involve removing some or all of the vitreous - the eye's clear internal jelly. ([From the Wikipedia article Vitrectomy](#).)

Recent Publications on Vitrectomy:



- [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](#))
- [Resource use and costs of branch and central retinal vein occlusion in the elderly.](#)
Abstract Objective: To examine the incidence, prevalence, resource use,...20th November, 2009
Duke University School of Medicine, Durham, NC, USA.- Curr Med Res Opin. 2009 Nov 18. ([DOI Direct Link](#))
- [Gene Expression Profile of Fibrovascular Membranes from Patients with Proliferative Diabetic Retinopathy.](#)
BACKGROUND/AIMS: The purpose of this study was to generate a profile of...19th November, 2009
Japan;- Br J Ophthalmol. 2009 Nov 16. ([DOI Direct Link](#))
- [Enterococcus casseliflavus endophthalmitis associated with a horse tail injury.](#)
*The purpose of this study is to report the role of whole-body 2-[(18)F]...*18th November, 2009
- Arch Ophthalmol. 2009 Nov;127(11):1551-2. ([DOI Direct Link](#))
- [Retinal pigment epithelial tear in shaken baby syndrome.](#)
*The purpose of this study is to report the role of whole-body 2-[(18)F]...*18th November, 2009
- Arch Ophthalmol. 2009 Nov;127(11):1547-8. ([DOI Direct Link](#))
- [Value of internal limiting membrane peeling in surgery for idiopathic macular hole and the correlation between function and retinal morphology.](#)
*Idiopathic macular hole is characterized by a full thickness anatomic...*17th November, 2009
Department of Ophthalmology, Glostrup Hospital, Glostrup, Denmark.- Acta Ophthalmol. 2009 Dec;87 Thesis 2:1-23. ([DOI Direct Link](#))
- [Traumatic endophthalmitis caused by Staphylococcus gallinarum.](#)
*Herein, we describe what is believed to be the first case of traumatic...*17th November, 2009
L.V. Prasad Eye Institute.- J Med Microbiol. 2009 Nov 12. ([DOI Direct Link](#))
- [Scleral buckling versus primary vitrectomy in rhegmatogenous retinal detachment study \(SPR Study\):](#)

[Multiple-event analysis of risk factors for reoperations. SPR Study report no. 4.](#)

*Abstract. Purpose: To identify risk factors that may lead to reoperations...*17th November, 2009
Institut für Medizinische Statistik, Rheinisch-Westfälische Technische- Acta Ophthalmol. 2009 Nov 11. ([DOI Direct Link](#))

- [Transconjunctival Sutureless 25-Gauge Versus 20-Gauge Standard Vitrectomy: Correlation Between Corneal Topography and Ultrasound Biomicroscopy Measurements of Sclerotomy Sites.](#)
*PURPOSE:: To determine the correlation between corneal shape changes and...*13th November, 2009
From the *Ophthalmology Unit, S. Marta Hospital, Catania University,- Cornea. 2009 Nov 11. ([DOI Direct Link](#))
- [Positron emission tomography/computed tomography after immunocytochemical and clonal diagnosis of intraocular lymphoma with vitrectomy cell blocks.](#)
*The purpose of this study is to report the role of whole-body 2-[(18)F]...*13th November, 2009
Department of Ophthalmology, Okayama University Graduate School of- J Clin Exp Hematop. 2009 Nov;49(2):77-87.
- [Improving intraocular lens power prediction in combined phacoemulsification and vitrectomy in eyes with macular oedema.](#)
*Abstract. Purpose: To report the accuracy of intraocular lens (IOL) power...*11th November, 2009
Department of Ophthalmology, College of Medicine, Soonchunhyang- Acta Ophthalmol. 2009 Nov 7. ([DOI Direct Link](#))
- [Safety, efficacy, and patient acceptability of lidocaine hydrochloride ophthalmic gel as a topical ocular anesthetic for use in ophthalmic procedures.](#)
*PURPOSE: To review the current literature on safety, efficacy, and...*10th November, 2009
Department of Ophthalmology (Casey Eye Institute), Oregon Health and- Clin Ophthalmol. 2009;3:601-9. Epub 2009 Nov 2.
- [Re: Primary 23-gauge transconjunctival sutureless vitrectomy for rhegmatogenous retinal detachment.](#)
*PURPOSE: To review the current literature on safety, efficacy, and...*10th November, 2009
- Retina. 2009 Nov-Dec;29(10):1547; author reply 1547-8. ([DOI Direct Link](#))
- [Unintentional Displacement of the Retina after Standard Vitrectomy for Rhegmatogenous Retinal Detachment.](#)
*OBJECTIVE: To study unintentional displacement of the retina after...*10th November, 2009
Department of Ophthalmology, Kagawa University Faculty of Medicine,- Ophthalmology. 2009 Nov 4. ([DOI Direct Link](#))
- [Long time survival after reduced chemotherapy in a 15-year-old patient with AML and Candida krusei sepsis and eye involvement.](#)
*A 15-year-old boy with AML develops a fulminant candida krusei sepsis...*6th November, 2009
Klinikum Dortmund, Westfälisches Kinderzentrum, Dortmund, Germany.- Klin Padiatr. 2009 Nov-Dec;221(6):384-5. Epub 2009 Nov 4. ([DOI Direct Link](#))

BioNews Results for Vitrectomy

- [ILM Removal as a Prophylaxis of ERM Formation After Vitrectomy](#)
Retinal Physician: Nov 16 2009 6:20PM Matching: vitrectomy
- [Microincisional Vitrectomy Surgery for the Repair of Retinal Detachment](#)
Retinal Physician: Nov 16 2009 6:18PM Matching: vitrectomy
- [A 27-Gauge Instrument System for Transconjunctival Sutureless Microincision Vitrectomy Surgery](#)
MDLinx: Nov 3 2009 10:35AM Matching: vitrectomy
- [Ten Days Is Optimal Timing for Preoperative Bevacizumab in Diabetic Vitrectomy: Presented at AAO-PAAO](#)
Doctors Guide: Oct 29 2009 12:28AM Matching: vitrectomy
- [Vision-Related Quality of Life and Visual Function in Patients undergoing Vitrectomy, Gas tamponade,](#)



Vitrectomy Patents:

- 7261881- [Modulation of angiogenesis and wound healing](#)
- 7354416- [Methods and devices for draining fluids and lowering intraocular pressure](#)
- 7357802- [Electrosurgical system with uniformly enhanced electric field and minimal collateral damage](#)
- 7388580- [Generating eyes for a character in a virtual environment](#)
- 7407646- [Hydrophilic polymer biomaterial having a specific magnetic resonance imaging signal and process for the preparation of said biomaterial](#)
- 7441899- [Panretinal laser fundus contact lens](#)
- 7442686- [Treatment of macular degeneration with ADP-ribosyl transferase fusion protein therapeutic compositions](#)
- 7442711- [Amelioration of the development of cataracts and other ophthalmic diseases](#)
- 7456151- [Promoting angiogenesis with netrin1 polypeptides](#)
- 7458953- [Ocular drainage device](#)
- 7465442- [Reduction of dermal scarring](#)
- 7338170- [Lens systems for vitreoretinal surgery](#)
- 7335217- [High-speed vitreous cutting system](#)
- 7273445- [Intraocular brachytherapy device and method](#)
- 7276019- [Ophthalmic treatment apparatus](#)
- 7285107- [Vitreoretinal instrument](#)
- 7311700- [LASIK laminar flow system](#)
- 7312238- [Nonsedating .alpha.-2 agonists](#)
- 7316676- [Treatment of retinal detachment](#)
- 7320786- [Photodynamic therapy treatment for eye disease](#)
- 7323425- [Crosslinking of hyaluronan solutions and nanofibrous membranes made therefrom](#)
- 7326183- [Intraocular pressure control](#)
- 7331462- [Kit management system](#)
- 7465463- [Compositions comprising microspheres with anti-inflammatory properties for healing of ocular tissues](#)
- 7465766- [Hydroxyphenyl cross-linked macromolecular network and applications thereof](#)
- 7468391- [Methods for treating retinoid responsive disorders using selective inhibitors of CYP26A and CYP26B](#)
- 7559914- [Priming a microsurgical system](#)
- 7563222- [Methods and apparatus for intraocular brachytherapy](#)
- 7564946- [Orthovoltage radiotherapy](#)
- 7565972- [Medical equipment tray system](#)
- 7568619- [System and method for identifying and controlling ophthalmic surgical devices and components](#)
- 7589107- [Amelioration of vitrectomy-induced cataracts](#)
- 7592016- [Methods for preparing and using implantable substance delivery devices](#)
- 7600405- [Microsurgical probe](#)

- 7604647- [Ophthalmic cannula insertion tool and method](#)
- 7618984- [Sulfonamide compound](#)
- 7556621- [Optically controlled microfluidic chip](#)
- 7552508- [Caster attachment system](#)
- 7470277- [Simultaneous proportional control of surgical parameters in a microsurgical system](#)
- 7482004- [Inhibitors of placental growth factor for the treatment of pathological angiogenesis, pathological arteriogenesis, inflammation, tumor formation and/or vascular leakage](#)
- 7485113- [Method for drug delivery through the vitreous humor](#)
- 7514259- [Isolation and transplantation of retinal stem cells](#)
- 7517870- [Use of compounds that interfere with the hedgehog signaling pathway for the manufacture of a medicament for preventing, inhibiting, and/or reversing ocular diseases related with ocular neovascularization](#)
- 7531525- [P.sup.1-\(2'-deoxycytidine 5'-\)P.sup.4-\(uridine 5'-\)tetrphosphate, tetra-\(alkali metal\) salt, for treating cystic fibrosis](#)
- 7537593- [Soft tip cannula and methods for use thereof](#)
- 7540855- [Disposable aspirator cassette](#)
- 7547435- [Pharmacological vitreolysis](#)
- 7549972- [Tool for extracting vitreous samples from an eye](#)
- 7620147- [Orthovoltage radiotherapy](#)

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