

Laser Eye Surgery

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Recent Publications on Laser Eye Surgery:



- [Heated humidified high-flow nasal cannula: use and a neonatal early extubation protocol.](#)
*OBJECTIVE: Respiratory distress syndrome (RDS) and bronchopulmonary...*9th February, 2008
Loyola University- J Perinatol. 2007 Dec;27(12):776-81. Epub 2007 Sep 13. ([DOI Direct Link](#))
- [A lighter, defter touch. Years of refinement have made laser eye surgery better than ever.](#)
*OBJECTIVE: Respiratory distress syndrome (RDS) and bronchopulmonary...*17th April, 2007
- US News World Rep. 2007 Mar 5;142(8):59-61.
- [Laser eye surgery for refractive errors.](#)
*Several laser and non-laser refractive surgical procedures have been used...*12th May, 2006
Massachusetts Eye and Ear Infirmary, the Schepens Eye Research Institute,- Lancet. 2006 Apr 29;367(9520):1432-47. ([DOI Direct Link](#))
- [People considering laser eye surgery should be warned of risks, says NICE.](#)
*Several laser and non-laser refractive surgical procedures have been used...*11th April, 2006
- BMJ. 2006 Apr 1;332(7544):746. ([DOI Direct Link](#))
- [Wavefront-guided correction of ocular aberrations: are phase plate and refractive surgery solutions equal?](#)
*Wavefront-guided laser eye surgery has been recently introduced and holds...*29th October, 2005
The University of Ottawa Eye Institute, 501 Smyth Road, Ottawa, Ontario- J Opt Soc Am A Opt Image Sci Vis. 2005 Aug;22(8):1471-81.
- [Laser eye surgery. Clear favorite.](#)
*Wavefront-guided laser eye surgery has been recently introduced and holds...*16th June, 2004
- Sci Am. 2004 May;290(5):106-7.
- [All about laser eye surgery.](#)
*Wavefront-guided laser eye surgery has been recently introduced and holds...*28th February, 2004
Washington Hospital Center, Rockville, Maryland, USA.- Diabetes Forecast. 2004 Feb;57(2):50-2.

BioNews Results for Laser Eye Surgery

- [Laser Eye Surgery Safe Long-Term: Study](#)
National Womens Health Information Center: Nov 10 2009 10:28PM Matching: laser eye surgery

- [AAO: Mixed Results for Pediatric Eye Surgery](#)
MedPage Today: Oct 29 2009 3:41PM Matching: laser eye surgery
- [Long-Term Data Show LASIK Is Safe, Effective in Children: Presented at AAO-PAAO](#)
Doctors Guide: Oct 28 2009 2:47AM Matching: laser eye surgery
- [Study to examine the impact of LASIK procedure on patients quality of life](#)
News-Medical.Net: Oct 19 2009 10:37AM Matching: laser eye surgery
- [US FDA Launches LASIK Study](#)
MedIndia: Oct 19 2009 1:52PM Matching: laser eye surgery
- [Medical News: FDA To Investigate Quality Of Life Problems Following LASIK Eye Surgery](#)
Medical News Today: Oct 16 2009 10:06PM Matching: laser eye surgery
- [FDA To Investigate Quality Of Life Problems Following LASIK Eye Surgery](#)
Medical News Today: Oct 16 2009 7:24PM Matching: laser eye surgery
- [Medical News: FDA Announces Plans For LASIK Quality Of Life Project](#)
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- [FDA Announces Plans for LASIK Quality of Life Project](#)
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- [FDA LASIK quality](#)
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- [FDA Announces Plans for LASIK Quality of Life Project](#)
Montana's News Station: Oct 16 2009 6:27AM Matching: laser eye surgery
- [FDA Announces Plans for LASIK Quality of Life Project](#)
TickerTech.com: Oct 16 2009 3:49AM Matching: laser eye surgery
- [Clinical trial results of the LensAR Laser System to be presented at the 2009 AAO and PAAO joint meeting](#)
News-Medical.Net: Oct 13 2009 12:18PM Matching: laser eye surgery

Laser Eye Surgery Clinical Trials:



- [A Study to Assess the Safety, Tolerability and Effect of Nexagon" Applied to the Eye After PRK Laser Eye Surgery for Nearsightedness](#)

Laser Eye Surgery Patents:



- 7311400- [Determining clinical refraction of eye](#)
- 7387387- [Correction of presbyopia using adaptive optics and associated methods](#)
- 7401921- [Motorized patient support for eye examination or treatment](#)
- 7402158- [Directional laser probe](#)

- 7402562- [Composition for stabilizing corneal tissue during or after orthokeratology lens wear](#)
- 7413566- [Training enhanced pseudo accommodation methods, systems and devices for mitigation of presbyopia](#)
- 7419485- [Corneal topography-based target warping system](#)
- 7420724- [Scanner apparatus having electromagnetic radiation devices coupled to MEMS actuators](#)
- 7422328- [Sterile hand held slit lamp cover and method](#)
- 7431455- [Pupillometer for pupil center drift and pupil size measurements at differing viewing distances](#)
- 7431457- [Methods and systems for tracking a torsional orientation and position of an eye](#)
- 7377648- [Volumetric point spread function for eye diagnosis and treatment](#)
- 7365893- [Iterative Fourier reconstruction for laser surgery and other optical applications](#)
- 7364575- [Apparatus and procedure for ultraviolet laser ablation](#)
- 7320517- [Compound modulation transfer function for laser surgery and other optical applications](#)
- 7329737- [Antibodies that bind hK-1](#)
- 7331667- [Iris pattern recognition and alignment](#)
- 7331668- [Ocular wavefront-correction profiling](#)
- 7331672- [Sterile hand held refractive surgery slit lamp illumination system](#)
- 7331674- [Calculating Zernike coefficients from Fourier coefficients](#)
- 7338164- [Systems and methods for eye aberration and image sensor orientation](#)
- 7338165- [Systems and methods for prediction of objective visual acuity based on wavefront measurements](#)
- 7341345- [Ocular wavefront-correction profiling](#)
- 7355695- [Wavefront calibration analyzer and methods](#)
- 7434936- [Residual accommodation threshold for correction of presbyopia and other presbyopia correction using patient data](#)
- 7441900- [Contrast chart device, contrast sensitivity measuring device and contrast sensitivity measuring method](#)
- 7481536- [Methods and systems for differentiating left and right eye images](#)
- 7483607- [Dual core optic fiber illuminated laser probe](#)
- 7494220- [Method and system for improving accuracy in autorefraction measurements by including measurement distance between the photoreceptors and the scattering location in an eye](#)
- 7503916- [Integrated scanning and ocular tomography system and method](#)
- 7503938- [Method of implanting an accommodating intraocular lens](#)
- 7513620- [Correction of presbyopia using adaptive optics and associated methods](#)
- 7520609- [Non-invasive measurement of tear volume systems and methods](#)
- 7520612- [Presbyopia correction using patient data](#)
- 7547102- [Wavefront propagation from one plane to another](#)
- 7575322- [Auto-alignment and auto-focus system and method](#)
- 7479138- [Laser pulse position monitor for scanned laser eye surgery systems](#)
- 7479136- [Ophthalmic phototherapy treatment method](#)
- 7478907- [Presbyopia correction through negative high-order spherical aberration](#)
- 7451507- [Compression head pillows and neck angle adjustment mechanism for refractive laser surgery and the like](#)
- 7452074- [Optical elements and method of making the same using liquid crystal materials](#)
- 7456949- [Methods and systems for laser calibration and eye tracker camera alignment](#)
- 7458683- [Methods and devices for registering optical measurement datasets of an optical system](#)
- 7458953- [Ocular drainage device](#)
- 7460288- [Methods for determining refractive corrections from wavefront measurements](#)
- 7465299- [Monitoring of retinal temperature during laser therapy](#)
- 7473249- [Directional laser probe](#)
- 7475986- [Compound modulation transfer function for laser surgery and other optical applications](#)
- 7475989- [Shack-Hartmann based integrated autorefraction and wavefront measurements of the eye](#)
- 7601169- [Accommodating intraocular lens](#)

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Send comments and feedback to:

Peter Barfoot Managing Director, BioPortfolio Ltd.

UK Tel: (+44) 1300 321501

USA Voicemail and Fax: (+1) 415 680 2472

[Peter Barfoot peter.barfoot@bioportfolio.com](mailto:peter.barfoot@bioportfolio.com)

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