

Mr Damian Lake

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PROFILE

A Consultant Ophthalmologist and Former Clinical Director at The Queen Victoria NHS Foundation Trust, East Grinstead, UK. Lead in Cornea, External diseases, Eye banking and refractive surgery at a busy NHS Tertiary Referral centre in the South of England, specialising in High risk Keratoplasty and Anterior segment reconstruction.

Clinical Director Ophthalmology -2015-2020

Lead Cornea, External Diseases, Eye Banking and Refractive Surgery
The Queen Victoria NHS Foundation Trust Hospital and Eye Bank
East Grinstead, UK— 2012-present

Consultant Ophthalmologist, Corneal Surgeon, The Queen Victoria Hospital and Eye Bank — 2008-present

Fifteen years as a Consultant specialising in Cornea, External diseases and Refractive surgery. Including within the practice management of Inflammatory eye diseases and use of systemic immunosuppression, complicated case management from a catchment area across the UK and Ireland. Became Lead for the service on the resignation of my predecessor. Managed a busy tertiary service with two Corneal consultant colleagues, two Oculoplastic Consultants and one Glaucoma consultant. Responsible for four Corneal Fellows, one Specialist Optometrist and a team of Specialist Nurses.

Medical Advisor to the Eye Bank

Responsibilities to provide operating procedures and advice to Eye Banking staff consistent with HTA requirements and OTAG recommendations. Manage three Eye Bank staff, one clinical scientist and two technicians.

Consultant, Private Practice, Centre For Sight, 2008-2014

Private practice including Refractive surgery (LASIK/PRK/ICL/Artisan lens/Refractive Lens Exchange/ Femtosecond laser cataract surgery)

Advisor Ocular Tissue Advisory Group to NHS BT — 2008-2019

To provide advice to NHS Blood and Tissue services on Corneal transplantation issues as Royal College of Ophthalmology representative.

Advisor NHS England on Specialist Commissioning and Highly Specialist Commissioning 2013-2016 For NHS England- South East coast representative with specialty advice for Cornea including advice on Individual Patient Treatment Requests and specialist care.

Chair Ocular Tissue and Transplantation Standards Group for The Royal College of Ophthalmologists 2013-2018

As Chair of Ocular Tissue and Transplantation Standards group for the Royal College of Ophthalmologists provide National guidance on Tissue standards and draft College documents and advice, including investigations of failing units and advice on improvements.

National Institute of Health and Care Excellence Advisor (NICE)-
Advisor on new technologies including Keratoprosthesis

Faculty Johnson and Johnson Vision Care Institute
Teaching Optometrists from the UK and organising symposia

Private Practice at Benenden Hospital ,Kent: providing Specialist Intraocular Lens contract 2016-present.

Private Practice in Kent and West Sussex providing General Ophthalmology services .

PROFESSIONAL MEMBERSHIPS

CCST 2006

Full GMC registration 4429432

Fellowship of the Royal College of Ophthalmologists January 2006

European Society of Cataract and Refractive Surgeons

United Kingdom and Ireland Society of Cataract and Refractive Surgeons (Council Member 2009-2014)

British Refractive Society (Council Member 2014-2018)

Medical Ocular Surface and Contact Lens Society (Council Member 2014-2018)

General Medical Council : Full Membership 4429432

The Cornea Society

The American Academy of Ophthalmology

EDUCATION

MB,ChB-Bachelor Degree Medicine and Surgery 1997,The University of Glasgow.

LLM- Masters Medical Law 2022, The University of Cardiff .

SKILLS

Safe use of immunosuppressives including the construction of protocols for steroids, mycophenolate, ciclosporin, cyclophosphamide and safe systems for results to be actioned.

All Lamellar Keratoplasty (DALK/ALK/DSAEK/DMEK). Ocular surface reconstruction (Autologous/allograft corneal epithelial stem cells, KLAL, AMT, COMET)
 Penetrating Keratoplasty
 Boston Keratoprosthesis
 Intracorneal Rings
 Refractive Corneal-PRK/LASEK/LASIK-including complication management Refractive Lenses-Multifocal, Toric, Phakic lenses
 Intraocular prosthetics-Artificial Iris etc
 Glaucoma surgery- Trabeculectomy, Trabecular stents, Glaucoma Drainage Devices
 Complex anterior segment reconstructions
 Femtosecond laser Keratoplasty
 Femtosecond laser Cataract surgery

Organised and Trained over 30 Fellows, many who have now become Consultants working in the UK NHS and in Private practice overseas.
 Completed Research projects and Audits on current practice and improvements in service consistent with the tenets of GMC Good Medical Practice.

PRESENTATIONS

Presented Nationally and Internationally including organising symposia and International Meetings.

Royal College of Ophthalmologists 2019-Corneal Symposium -microbial keratitis

UK and Ireland Society of Cataract and Refractive Surgeons 2019-management of cataract with thin, irregular corneas.

European Society of Cataract and Refractive Surgeons Annual Meeting
 Refractive surgery options after cornea transplantation
 Limbal stem cell disease and its management
 Cornea and Glaucoma

British Refractive Society
 Femtosecond laser Cataract Surgery

Research Institute Egypt
 Cataract surgery in corneal transplantation
 Ex vivo stem cell allografts
 Amniotic membrane transplants

Medical contact lens & ocular surface association
 Eye Banking symposium

Optometry
Red Eye Symposium

Tomorrow

UKISCRS
Modern Eye Banking
Fungal keratitis
Acanthamoeba keratitis

Kings College Hospital Trauma Course Corneal
Thermal and Chemical Injuries

East Grinstead Cornea and Oculoplastic course Modern
Corneal transplantation techniques Ocular Examination
Microbial keratitis and Acanthamoeba

PUBLICATIONS

[Refractive Nightmares Revisited: Calcification of a Multifocal Intraocular Lens.](#)

Moschos MM, Laios K, Lavaris A, Damaskos C, Garmpis N, Thabit A, Lake D, Hamada S, Garmpi A, Gatziofufas Z.

In Vivo. 2018 Sep-Oct;32(5):1265-1267

[Clinical Outcomes after Keraring Implantation for Keratoconus Management in Thin Corneas\].](#)

Guber I, Gatziofufas Z, Goldblum D, Elalfy M, Hamada S, Lake D.

Klin Monbl Augenheilkd. 2018 Sep 14.

[First experience with Oasis Collagen SOFT SHIELD® for epithelial defect after corneal cross-linking.](#)

Guber I, Bergin C, Malde S, Guber J, Hamada S, Lake D.

Int Ophthalmol. 2019 Jan 18. doi: 10.1007/s10792-018-01070-9.

[Tear Function and Ocular Surface Alterations After Accelerated Corneal Collagen Crosslinking in Progressive Keratoconus.](#)

Gatziofufas Z, Elalfy M, Hamada S, Lake D.

Eye Contact Lens. 2017 May;43(3):203

[Editorial: Keratoconus - What We Do Not Know.](#)

Gatziofufas Z, Hamada S, Lake D, Seitz B.

Open Ophthalmol J. 2017 Jul 31;11:173-175. doi: 10.2174/1874364101711010173

[Clinical Outcomes after Keraring Implantation for Keratoconus Management in Patients Older Than 40 Years: A Retrospective, Interventional, Cohort Study.](#)

Gatziofufas Z, Khine A, Elalfy M, Guber I, McLintock C, Sabatino F, Hamada S, Lake D.

Ophthalmol Ther. 2018 Jun;7(1):95-100. doi: 10.1007/s40123-017-0117-3. Epub 2017 Dec 23.

[Effect of Conus Eccentricity on Visual Outcomes After Intracorneal Ring Segments Implantation in Keratoconus.](#)

Gatziofufas Z, Panos GD, Elalfy M, Khine A, Hamada S, Lake D, Kozeis N, Balidis M.

J Refract Surg. 2018 Mar 1;34(3):196-200. doi: 10.3928/1081597X-20180115-02.

[Refractive Nightmares Revisited: Calcification of a Multifocal Intraocular Lens.](#)

Moschos MM, Laios K, Lavaris A, Damaskos C, Garmpis N, Thabit A, Lake D, Hamada S, Garmpi A, Gatzoufas Z.

In Vivo. 2018 Sep-Oct;32(5):1265-1267. doi: 10.21873/invivo.11375.

[Clinical Outcomes after Keraring Implantation for Keratoconus Management in Thin Corneas\].](#)

Guber I, Gatzoufas Z, Goldblum D, Elalfy M, Hamada S, Lake D.

Klin Monbl Augenheilkd. 2018 Sep 14. doi: 10.1055/a-0659-2549. [Epub ahead of print] German

Zamora-Alejo, Katherine, Sacha Moore, Brian Leatherbarrow, Jonathan H. Norris, Damien B. Lake, Raman Malhotra, Dinesh Selva, and Michael Goggin. "Hyaluronidase toxicity: a possible cause of postoperative periorbital inflammation." *Clinical & experimental ophthalmology* 41, no. 2 (2013): 122-126.

Nanavaty, Mayank A., et al. "Peripheral corneal relaxing incisions based on anterior keratometry from Scheimpflug tomography versus Placido topography during standard cataract surgery." *Graefe's Archive for Clinical and Experimental Ophthalmology* 254.2 (2016): 297.

[Corneal collagen crosslinking for keratoconus or corneal ectasia without epithelial debridement](#)

N Hirji, E Sykakis, F C Lam, R Petrarca, S Hamada, D Lake

Eye (Lond) 2015 Jun; 29(6): 764–768.

[Recurrent microbial keratitis in eyes with keratoconjunctivitis sicca with coexisting ocular surface pathology](#)

Mayank A. Nanavaty, Anish N. Shah, Rima Al-Sukkar, Damian B. Lake

Oman J Ophthalmol. 2014 Sep-Dec; 7(3): 161–164

[Nanavaty, M. A., et al. "Management of skin retraction associated with Boston type II keratoprosthesis." *Eye* 26.10 \(2012\): 1384.](#)

[Patients with Fuchs Endothelial Dystrophy and Cataract Undergoing Descemet Stripping Automated Endothelial Keratoplasty and Phacoemulsification with Intraocular Lens Implant: Staged versus Combined Procedure Outcomes](#)

Evripidis Sykakis, Fook Chang Lam, Panagiotis Georgoudis, Samer Hamada, Damian Lake

J Ophthalmol. 2015; 2015: 172075.

Posteriorly enclavated iris claw intraocular lens for aphakia: long-term corneal endothelial safety study. Anbari A, Lake DB. *Eur J Ophthalmol.* 2014 Oct 21:0.

Recurrent microbial keratitis in eyes with keratoconjunctivitis sicca with coexisting ocular surface pathology. Nanavaty MA, Shah AN, Al-Sukkar R, Lake DB. *Oman J Ophthalmol.* 2014 Sep;7(3):161-4

Sterile keratitis after combined riboflavin-UVA corneal collagen cross-linking for keratoconus. Lam FC, Georgoudis P, Nanavaty MA, Khan S, Lake D. *Eye (Lond).* 2015 Jan;29(1):152

Donor detachment of Descemets Stripping Automated Endothelial Keratoplasty. Sykakis E, Georgoudis P, Hamada S, Lake D. *JAMA Ophthalmology* Feb 2015,12;133(2)

Outcomes of pseudophakic toric intraocular lens implantation in Keratoconic eyes with cataract. Nanavaty MA, Lake DB, Daya SM. *J Refract Surg.* 2012 Dec;28(12):884-9

Conjunctival squamous cell carcinoma following psoriasis treatment.

Almoussa R, Daya S, Lake D, Richardson T, Malhotra R. *J Cutan Med Surg.* 2012 Sep-Oct;16(5):365-7.

Management of skin retraction associated with Boston type II keratoprosthesis. Nanavaty MA, Avisar I, Lake DB, Daya SM, Malhotra R. *Eye (Lond).* 2012 Oct;26(10):1384-6

Subtarsal eyelid examination using an oblique slit lamp mirror in cases of eyelid shortening. Dhingra S, Lake D, Norris JH. *Eye (Lond)*. 2012 Oct;26(10):1386-8.

Hyaluronidase toxicity: a possible cause of postoperative periorbital inflammation. Zamora-Alejo K, Moore S, Leatherbarrow B, Norris JH, Lake DB, Malhotra R, Selva D, Goggin M. *Clin Experiment Ophthalmol*. 2013 Mar;41(2):122-6.

Corneal collagen cross linking (CXL): a review. Samaras KE, Lake DB. *Int Ophthalmol Clin*. 2010 Summer;50(3):89-100

Patel, Vikesh, Sheraz M. Daya, Damian Lake, and Raman Malhotra. "Blink Lagophthalmos and Dry Eye Keratopathy in Patients with Non-facial Palsy: Clinical Features and Management with Upper Eyelid Loading." *Ophthalmology* 118, no. 1 (2011): 197-202.

Barry, Peter, Susanne Gardner, David Seal, George Gettinby, Fiona Lees, Magnus Peterson, and Crawford Revie. "Clinical observations associated with proven and unproven cases in the ESCRS study of prophylaxis of postoperative endophthalmitis after cataract surgery." *Journal of Cataract & Refractive Surgery* 35, no. 9 (2009): 1523-1531.

Almoussa, Radwan, Mayank A. Nanavaty, Sheraz M. Daya, and Damian B. Lake. "Intraocular Pressure Control and Corneal Graft Survival After Implantation of Ahmed Valve Device in High-Risk Penetrating Keratoplasty." *Cornea* (2013).

Almoussa, Radwan, Konstantinos E. Samaras, Saj Khan, Damian B. Lake, and Sheraz M. Daya. "Femtosecond laser-assisted lamellar keratoplasty (FSLK) for anterior corneal stromal diseases." *International ophthalmology* (2013): 1-10.

Almoussa, Radwan, and Damian B. Lake. "Intraocular pressure control with Ahmed glaucoma drainage device in patients with cicatricial ocular surface disease-associated or aniridia-related glaucoma." *International ophthalmology* (2013): 1-8.

Nanavaty, Mayank A., Maribel P. Favor, and Damian B. Lake. "Comparison of equivalent keratometric indices on Scheimpflug tomography with Placido-based topography system at different optical zones." *British Journal of Ophthalmology* 97, no. 3 (2013): 350-356.

Fozard, Julia, Nikila Pandya, Ashok Pulikot, David Fish, Raman Malhotra, and Damian Lake. "Periorbital cellulitis—a mistaken diagnosis!" *BMJ Case Reports* 2011 (2011).

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Corneal calcification associated with preservative free eye drops and persistent epithelial defects. Damian Lake, Anne Tarn, Peter Chapman, William Ayliffe. *Cornea* 2008 April Vol 23(3) 292-296..

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ESCRS Study of prophylaxis of postoperative endophthalmitis after cataract surgery. Case for a European multicenter study. *J Cataract Refract Surg*. 2006 March;32:396-405. David V. Seal et al for the ESCRS Endophthalmitis Study Group

ESCRS study of prophylaxis of postoperative endophthalmitis after cataract surgery. Preliminary report of principal results from a European multicenter study. *J Cataract Refract Surg* 2006;32:407-410. Peter Barry et al for the ESCRS Endophthalmitis Study Group.

Early refractive stabilization after temporal phacoemulsification: What is the optimum time for spectacle prescription? *J Cataract Refract Surg*. 2005 Sep;31(9):1845-46. D. Lake, K. Fong, R. Wilson.

Acute angle closure glaucoma in Miller Fisher syndrome. C. Brittain, D. Lake. *Eye* 2005. Jul 2005; [Epub ahead of print]

Study sets optimal time for spectacle prescription after cataract surgery. Damian Lake.
Eurotimes.-March 2005.

Cataract surgery in patients with diabetes and ARMD. N.Patel,G Bowler,T.
Adjeniji,A.Nugent,D.Lake,S. Sewafli,N.V.Chong. Comp. Ophth. Update 5;6:Nov-Dec 2004;275-282

(Editorial)Cataract surgery in patients with diabetes and ARMD. N.Patel,G Bowler,T.
Adjeniji,A.Nu-gent,D.Lake,S. Sewafli,N.V.Chong. Comp. Ophth. Update 5;6:Nov-Dec 2004;275-282

Investigating the response of periocular triamcinolone for thyroid associated
ophthalmopathy. D.Lake,N.Malik,S.Horgan.Bjo.bmjournals.com/cgi/eletters/88/11/1380#544.

Bilateral intracavernous carotid arterial aneurysms. D.Lake,N.Malik,K.Qureshi. Digital Journal of
Oph-thalmology 2005.www.djo.harvard.edu/site.php?url=/physicians/gr/787&page=GR EM.

Alcon Glaucoma case presentation final 2004. Late management of the failing filtering bleb.
D.Lake Published Eyenews supp. December 2004

Consequence of perforation during peribulbar anaesthetic injection in an only eye. J Cataract.
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Recognising Choroidal Neovascularisation in Age Related Macula Degeneration. Eyenews Dec
2003 D.Lake, A. Chopdar

Tacrolimus Optic Neuropathy,. - British Journal of Ophthalmology , January
2003,VOL 87;1:121-122 D.Lake, T.R.G. Poole

Sky Diver's Eyes, Eyenews December 2001, D.Lake, M.K.Tandon

Management of Intraorbital Foreign Bodies, Ophthalmology April 2003 110(4) 632 D.B.Lake,
A. Mearza, G.M. Thompson.

Management of Intraorbital Foreign Bodies,Ophthalmology June 2003 ;110(6):1269.
D.B.Lake,A.Mear-za,G.M.Thompson.

Yusuf, I.H., Matsou, A., Lake, D., Bostanci, B. and Nanavaty, M.A., 2021. Comment on: Immediately
sequential bilateral cataract surgery (ISBCS): an Academic Teaching Center's experience. Journal of
Cataract & Refractive Surgery, 47(12), p.1604.

Elalfy, Mohamed, Sundas Maqsood, Aja Reinhold, Georgios D. Panos, Aye Khine, Damian Lake,
Samer Hamada, and Zisis Gatzioufas. "Clinical outcomes after intracorneal ring segment implantation
for keratoconus management in corneas with mild apical haze." Therapeutic Advances in
Ophthalmology 13 (2021): 25158414211003378.

Ting, D.S.J., Galal, M., Kulkarni, B., Elalfy, M.S., Lake, D., Hamada, S., Said, D.G. and Dua, H.S.,
2021. Clinical Characteristics and Outcomes of Fungal Keratitis in the United Kingdom 2011–2020: A
10-Year Study. Journal of Fungi, 7(11), p.966.

Vastardis, Iraklis, Zisis Gatzoufas, Cameron McLintock, Markus Kohlhaas, Samer Hamada, Damian Lake, and Mohamed Elalfy. "Tear film parameters before and after intracorneal ring segment implantation in keratoconic eyes." *European Journal of Ophthalmology* 31, no. 5 (2021): 2213-2218.

Elalfy, Mohamed, Sundas Maqsood, Shady Soliman, Sherif Momtaz Hegazy, Ahmed Abdou Hannon, Zisis Gatzoufas, Damian Lake, and Samer Hamada. "Incidence and Risk Factors of Ocular Hypertension/Glaucoma After Descemet Stripping Automated Endothelial Keratoplasty." *Clinical Ophthalmology (Auckland, NZ)* 15 (2021): 2179.

Hamada, S., Lake, D. and Elalfy, M., 2020. Iraklis Vastardis¹, Zisis Gatzoufas^{2, 3}, Cameron McLintock^{2, 4}, Markus Kohlhaas¹. *European Journal of Ophthalmology*, 1, p.6.

Li, Y., McLintock, C., Lake, D. and McKelvie, J., 2021. Coincident iridocorneal endothelial syndrome and keratoconus. *Indian Journal of Ophthalmology-Case Reports*, 1(2), p.234.

Ho, V.W., Elalfy, M., Hamada, S. and Lake, D., 2022. One-year visual outcome of secondary piggyback pinhole device implantation in pseudophakic eyes with irregular corneal astigmatism and iris trauma. *Eye*, 36(4), pp.812-817.

Medico Legal Experience

I have prepared Medico Legal reports since 2016. The majority of these were for claimants in medical negligence cases, but I have also provided reports for Defendants including Ophthalmologists and Optometrists..

I have not appeared in court as an expert witness.