Curriculum Vitae

Professor Ian A PearceMB ChB BSc FRCOphth

Consultant Ophthalmologist/Vitreoretinal Surgeon
Director of Clinical Eye Research Centre
St Paul's Eye Unit
Royal Liverpool University Hospital

Honorary Professor of Clinical Ophthalmology Department of Eye and Vision Science University of Liverpool

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Personal

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Qualifications

1984 - 1990 BSc (Physiology)

University of Liverpool MB ChB (distinction in physiology)

Post-graduation FRCOphth 1994

Current Post

January 2002 - Present Consultant Ophthalmologist

Director Of Clinical Eye Research Centre Medical and Surgical Retinal Services

St Paul's Eye Unit

Royal Liverpool University Hospital

Liverpool L7 8XP

Consultant Ophthalmologist Clinical Role

St Paul's Eye Unit is one of the UK's leading centres for the management of medical and surgical retinal conditions and has an international reputation for research in these areas. I provide secondary and tertiary referral services for vitreoretinal surgery(VR), age-related macular disease (AMD) and diabetic eye disease (DR) and am clinical lead for the uveitis service.

The VR fellowship program is highly regarded as one of the most attractive training schemes in Europe attracting and training > 30 post accredited leading national and international ophthalmic surgeons in the most contemporary management of vitreoretinal surgical disorders.

Through my extensive clinical and research experience in a wide range of retinal disorders I have been invited as clinical expert advisor to NICE for several novel drug appraisals and medical innovation developments which have revolutionized the management of ocular conditions in the past decade.

As well as delivering regular national and international invited lectures I sit and advise on several national committees including the Royal College of Ophthalmologists' Professional Standards and Scientific Committees, the Joint Royal Colleges of Physicians Training Board SAC for Medical Ophthalmology, the DH ACDP CJD Sub-Committee and the DVLA Visual Standards Panel.

Director of Clinical Eye Research Centre Role

I am Honorary Professor in Clinical Ophthalmology at the University of Liverpool supporting/supervising PhD students and academic lead for student NICE champions. In my role as Director of the Clinical Eye Research Centre I am responsible for promoting, approving, advising and managing resource allocation to a range of commercially and externally funded clinical trials each with their own principal investigator. At present 27 ongoing trials with annual income >300K allow access for patients to cutting edge treatment through local, national and international Phase I/II/III trials. In addition, the unit supports oncology/haematology sponsored studies that require ophthalmic input and Phase I trials through collaboration with the MHRA Phase I accredited Clinical Research Unit. A key aspect of the role is to support and promote effective translational research with the University of Liverpool's Department of Eye and Vision Science. As well as supporting individual studies I am clinical collaborator on several Engineering and Physical Sciences Research Council grants/ fellowships which have dedicated translational research objectives to provide drug/cell delivery to patients suffering with ophthalmic conditions. The success of CERC was one of the key motivators for St Paul's Eye Unit being awarded Freedom of the City of Liverpool and in 2018 we received the NIHR North West Coast Clinical Research Team of the Year award.

As well as being the Principal investigator for 8 studies in the past 5 yrs with income to the trust of >500K I was Chief UK Investigator for 15 centre trial of Lucentis in Diabetic macular oedema and I am the Chief UK Investigator for the Apellis APL2 study in Geographic atrophy. I advise on steering committees of several national and international studies and have worked closely with industry partners as the UK representative to global initiatives such as the Bayer Vision Academy, the Roche European/Canadian Ang-2 advisory committee, the Novartis Acuity Board and the IFA DR Barometer project in the past decade to identify unmet research needs in ophthalmology, develop clinical trials, develop global consensus guidance and share best practice to improve patient management.

Professional/Learned Society Appointments

Director of Clinical Eye Research Centre, St Paul's Eye Unit (2014 to date)

RCOPHTH Regional Advisor Mersey Region (2011 to 2019)

RCOPHTH Regional Representative Mersey Region (2019to 2022)

RCOPHTH Member of Professional Standards Committee (2015 to date)

RCOPHTH Representative to DVLA Vision Standards Panel (2015 to date)

RCOPHTH Member of Scientific Committee (2007 to 2016)

Joint Royal College of Physicians' Training Board Member SAC for Medical Ophthalmology (2010 to date)

Chair of ACDP TSE Working Group Ophthalmic Subgroup (2008 to date)

CMO appointed Expert Advisor to UK CJD Incidents Panel (2006 to 2013)

Programme Director for Medical Ophthalmology Mersey Deanery (2009 to date)

Assistant Programme Directory for Ophthalmology Mersey Deanery (2006 to 2011)

MHRA specialist advisor novel VR instruments/investigations/studies. (2014 to date)

Nominated Clinical Expert for NICE Technology Appraisals of :

- Dexamethasone implant for Retinal vein occlusion TA229 (July 2011)
- Ranibizumab in Retinal vein occlusion TA 283 (May 2013)
- Ocriplasmin for vitreomacular traction TA 297 (Oct 2013)
- Aflibercept in Retinal vein occlusion TA 305 (Feb 2014)
- Aflibercept for diabetic macular oedema TA 346 (Jan 2015)
- Dexamethasone implant for diabetic macular oedema TA 349 (Jan 2015)
- Faricimab for Age-related Macular Degeneration (ID3899 May 2022)
- Faricimab for diabetic macular oedema (ID3898 May 2022)

Invited Clinical Expert for Economic Review Group (ERG) submission for NICE Technology Appraisal of :

- Dexamethasone implant for non-infectious uveitis TA460 (July 2017)
- Adalimumab anti-TNF treatment for non-infectious uveitis TA460 (July 2017)

Invited Clinical Expert for NICE Medtech Innovation Briefing:

- Noctura Sleep Mask for diabetic retinopathy/macular oedema MIB144 (Apr 2018)
- Eyemax mono Intraocular lens for AMD MT384 (May 2018)

President of Ophthalmic Imaging Society (2009 to 2013)

Grants

NIHR Portfolio Studies

VELODROME Port Delivery Study (2021) NCT04657289 Chief UK Investigator and Principal Investigator

PORTAL Extension Study for the Port Delivery System With Ranibizumab (2021) NCT03683251

Chief UK Investigator and Principal Investigator

CANBERRA Study (2021) NCT04265261 Chief UK Investigator and Principal Investigator

OAKS Study APL-2 in Geographic Atrophy Interventional (2019) NCT03525613 Chief UK Investigator and Principal Investigator

RAPTOR/RAVEN Brolucizumab Study (2019) NCT03802630 / NCT03810313 Chief UK Investigator and Principal Investigator

SAFARI Phase IV Observational Study (2018) NCT02161575 National Steering Committee Member and Principal Investigator

POLARIS Observational Study (2018) NCT01771081 International Steering Committee Member and Principal Investigator

OCTANE Study (2017)
Steering Committee Member and Principal Investigator

AZURE Phase IIIb Interventional Study (2017) EudraCT number 2013-000120-33 **Principal Investigator**

SAFARI Phase IV Observational Study (2016) NCT02161575 **Steering Committee Member and Principal Investigator**

JETREA M13-056 Phase IV Interventional RCT (2016) NCT02035748 Principal Investigator

SPECTRI Phase III Interventional RCT (2015) NCT02247531 **Principal Investigator**

RELIGHT Phase IV Interventional Study (2014) NCT01257815 Chief UK Investigator and Principal Investigator

LUMINOUS Phase IV Observational Study (2013) NCT01318941 **Principal Investigator**

ENDURE Phase III Interventional Uveitis (2012) RCT NCT01090310 **Principal Investigator**

Novartis Research Fellow Grant 2012

Supervisor DEGAS Phase II Interventional DMO RCT (2011) NCT00701181 Principal Investigator

CABERNET Phase III Interventional AMD RCT (2011) NCT00454389 **Principal Investigator**

LUMINATE Phase III Interventional Uveitis RCT (2010) NCT01243983 **Principal Investigator**

POSURDEX Phase III Interventional RVO (2008) Study NCT00701181 **Principal Investigator**

Wellcome Trust Research Fellow 1996

Clinical Collaborations with University of Liverpool Department of Eye and Vision Science

Clinical Lead for Novel Intercalated MSC in Clinical Ophthalmology and Vision Science (COVIS) 2021 – to date

Along with Prof Rachel Williams, as Academic Lead, I developed, refined and introduced a new MSc Program to the University of Liverpool aimed at intercalating medical students providing the opportunity to develop in depth applied knowledge, clinical practice, research skills and professional behaviours in the connected fields of Clinical Ophthalmology and Vision Science. The COVIS MSc Programme launched in Sep 2021 with its first students and hopes to continue to attract high quality aspiring ophthalmology physcians and researchers.

EPSRC Health Impact Partnership 2017 (Dr Victoria Kearns)

Collaborator - in-kind support (£2,250 over 3 years). Commitment to monthly meeting for 3 years to discuss project results, patient engagement, regulatory issues and routes to development. Also training in intravitreal injections in wet lab.

EPSRC Future Manufacturing theme - Medical Devices Hub 2018 (Prof Rachel Williams)

UKRI EPSRC Future Manufacturing Research Hub in 21st century devices Support as a clinical project partner - in-kind support (£6k). Commitment to attendance at an annual HUB meeting and UoL monthly meeting providing expert advice on future developments of ophthalmology medical devices, on their clinical relevance and to support the translation into clinical practice

EPSRC fellowship - NHFP 2018 (Dr Atikah Haneef)

Novel bioengineering for auto-integration of advanced cell delivery substrates Total grant awarded: £654,958

Clinical collaborator - in-kind support £4,000 pa for 3 years. Commitment to meet team every two months to discuss projects results, provide guidance on end-user requirements, and clinical relevance and applicability. Provide surgical training in wet lab to the team on sub-retinal insertion to assist in ex-vivo studies and facilitate the team's interaction with patient engagement groups and patient experts.

Linbury Trust /Foundation for the Prevention of Blindness Grant 2018 (Dr Victoria Kearns)

Transplanting cells to the retina

Total grant awarded £449,775

Clinical collaborator - in-kind support for 3 years. Support for Clinical PhD student Commitment to meet regularly to discuss projects results, provide guidance on end-user requirements, and clinical relevance and applicability. Provide surgical training in wet lab

to the team on sub-retinal insertion to assist in ex-vivo studies and facilitate the team's interaction with patient engagement groups and patient experts.

National/International Study Committee Membership

CANBERRA Study (Diabetic Retinopathy) NCT04265261 Chief UK Investigator and Principal Investigator

 $RAPTOR/RAVEN\ Brolucizumab\ Study\ (Retinal\ Vein\ Occlusion)\ NCT03802630\ /\ NCT03810313$

Chief UK Investigator and Principal Investigator

VELODROME Port Delivery Study (AMD) NCT04657289 Chief UK Investigator and Principal Investigator

OAKS Study APL-2 in Geographic Atrophy Interventional RCT NCT03525613 Chief UK Investigator and Principal Investigator

RELIGHT Phase IV Interventional Study NCT01257815 Chief UK Investigator and Principal Investigator

SAFARI Phase IV Observational Study NCT02161575 National Steering Committee Member and Principal Investigator

POLARIS Observational Study NCT01771081 International Steering Committee Member and Principal Investigator

BRIGHTER Interventional RCT NCT01599650 International Steering Committee Member

CRYSTAL Interventional Phase IIIb Study NCT01535261 International Steering Committee Member

DIAMONDS Interventional RCT NIHR HTA 13/142/04 National Steering Committee Member

GMAN Interventional RCT ISRCTN34221234 Member of Safety Data Monitoring Committee

Awards

Postgraduate Awards

NIHR North West Coast Clinical Research Team of the Year (2018)

National Clinical Excellence Award - Silver Award (2017)

American Academy of Ophthalmology Best Research Poster Presentation (2011) "Evaluation of individual patient ranibizumab treatment based on a visual acuity stability concept in retinal vein occlusion patients."

Ophthalmic Imaging Association Scientific Symposium Best Speaker Award (2008)

RCOPHTH Lecturer Award (2006)

North of England Ophthalmological Society Trainees Prize - Best Paper (1999) "Three year visual outcome for treated stage 3 retinopathy of prematurity (ROP): Cryotherapy versus laser. BJO 1998; 82:1254 – 1259"

North of England Ophthalmological Society Trainees Prize - Best Paper (1997) "Does cryotherapy before drainage increase the risk of intraocular haemorrhage and affect outcome? BJO 1997; 81:563 – 567"

Royal Society of Medicine: Ophthalmology Section Trainees Prize - Best Paper (1997) "Trends in management of Stage 3 ROP: Cryotherapy versus laser."

Royal Society of Medicine: Ophthalmology Section Trainees Prize – Finalist (1998) "A new technique for posterior subtenon steroid injection in the management of cystoid macular oedema"

Foulds Trophy Session, Royal College of Ophthalmologists Annual Congress - Finalist (1997) "Visual function after macular hole surgery."

Undergraduate Awards

E.B. Noble Prize for Anatomy (1986)

Robert Gee Undergraduate Scholarship (Highest Pre-clinical Results 1986)

Distinction in Physiology (1986)

Medical Research Council Undergraduate Scholarship (BSc Research Project 1987)

Wellcome Trust Research Scholarship (BSc Research Project extension 1987)

Publication List

National Guidelines

Principal Author

Managing CJD/vCJD risk in Ophthalmology October 2009 (http://www.dh.gov.uk/ab/ACDP/TSEguidance/index.htm)

Co-Author

National RCOphth (UK) Guidelines for Intravitreal Injections Procedure 2009 (http://www.rcophth.ac.uk/docs/scientific/IVTRevisionfinal2009.pdf)

Co-Author

Guidelines for Ranibizumab: The clinician's guide to commencing, continuing, and discontinuing treatment 2008

(http://www.rcophth.ac.uk/docs/scientific/Ranibizumab_-_June_2008.pdf)

Book Chapters

Medical therapies for diabetic eye diseases- how good are they?

Pearce IA and Harding SP

Chapter 18 of Evidenced-based Management of Diabetes. 2012 TFM Publishing

Scleral Perforations

Konstanidis L and Pearce IA

Chapter 5 of Complications of Vitreo-Retinal Surgery. 2013 Lippincott, Williams & Wilkins

Ophthalmology

Pearce IA

Barton and Power's Clinical Negligence, 2015 Bloomsbury Press

Peer-Reviewed Publications

>80 peer reviewed publications cited over 1000 times. h- index of 23

Clinical Outcomes of Observed and Treated Acute Posterior Multifocal Placoid Pigment Epitheliopathy and Relentless Placoid Chorioretinitis.

Steptoe PJ, <u>Pearce I</u>, Beare NAV, Sreekantham S, Mohammed BR, Barry RJ, Denniston AK, Murray PI. Ocul Immunol Inflamm. 2023 May 3:1-7.

A Multi-Modal AI-Driven Cohort Selection Tool to Predict Suboptimal Non-Responders to Aflibercept Loading-Phase for Neovascular Age-Related Macular Degeneration: PRECISE Study Report 1.

Chorev M, Haderlein J, Chandra S, Menon G, Burton BJL, <u>Pearce I</u>, McKibbin M, Thottarath S, Karatsai E, Chandak S, Kotagiri A, Talks J, Grabowska A, Ghanchi F, Gale R, Hamilton R, Antony B, Garnavi R, Mareels I, Giani A, Chong V, Sivaprasad S. J Clin Med. 2023 Apr 20;12(8):3013.

Visual acuity time in range: a novel concept to describe consistency in treatment response in diabetic macular oedema.

Kozak I, <u>Pearce I</u>, Cheung CMG, Machewitz T, Lambrou GN, Molina D, Suleiman L, Youssef H, Bressler NM. Eye (Lond). 2023 Mar 28. Online ahead of print.

Efficacy, durability, and safety of faricimab with extended dosing up to every 16 weeks in Japanese patients with diabetic macular edema: 1-year results from the Japan subgroup of the phase 3 YOSEMITE trial.

Shimura M, Kitano S, Ogata N, Mitamura Y, Oh H, Ochi H, Ohsawa S, Hirakata A; **YOSEMITE and RHINE Investigators**. Jpn J Ophthalmol. 2023 Mar 10:1-16. Online ahead of print.

Study protocol on prevalence of non-exudative macular neovascularisation and its contribution to prediction of exudation in fellow eyes with unilateral exudative AMD (EYE-NEON).

Thottarath S, Chandra S, Gurudas S, Tsai WS, Giani A, De Cock E, Yamaguchi TCN, Sivaprasad S; **EYENEON Study Group.** Eye (Lond). 2023 Mar 7. Online ahead of print.

Associations with visual acuity outcomes after 12 months of treatment in 9401 eyes with neovascular AMD.

Relton SD, Chi GC, Lotery A, West RM; <u>Real world AMD treatment outcomes EMR</u> <u>User Group;</u> McKibbin M. BMJ Open Ophthalmol. 2022 Jun;7(1)

Randomised controlled trial of adjunctive triamcinolone acetonide in eyes undergoing vitreoretinal surgery following open globe trauma: The ASCOT study.

Casswell EJ, Cro S, Cornelius VR, Banerjee PJ, Zvobgo TM, Tudor Edwards R, Ezeofor V, Anthony B, Shahid SM, Bunce C, Kelly J, Murphy C, Robertson E, Charteris D;

ASCOT Investigator Study Group. Br J Ophthalmol. 2023 Feb 27: Online ahead of print.

The changing landscape for the management of patients with neovascular AMD: brolucizumab in clinical practice.

Pearce I, Amoaku W, Bailey C, Downey L, Gale R, Ghanchi F, Hamilton R, Mahmood S, Menon G, Nosek J, Talks J, Yang Y. Eye (Lond). 2022 Sep;36(9):1725-1734

Associations with baseline visual acuity in 12,414 eyes starting treatment for neovascular AMD.

Relton SD, Chi GC, Lotery AJ, West RM; <u>Real world AMD treatment outcomes EMR</u> <u>User Group</u>; McKibbin M. Eye (Lond). 2022 Aug 26. Online ahead of print.

Recommendations for OCT Angiography Reporting in Retinal Vascular Disease: A Delphi Approach by International Experts.

Munk MR, Kashani AH, Tadayoni R, Korobelnik JF, Wolf S, Pichi F, Koh A, Ishibazawa A, Gaudric A, Loewenstein A, Lumbroso B, Ferrara D, Sarraf D, Wong DT, Skondra D, Rodriguez FJ, Staurenghi G, <u>Pearce I</u>, Kim JE, Freund KB, Parodi MB, Waheed NK, Rosen R, Spaide RF, Nakao S, Sadda S, Vujosevic S, Wong TY, Murata T, Chakravarthy U, Ogura Y, Huf W, Tian M. Ophthalmol Retina. 2022 Sep;6(9):753-761

Efficacy, durability, and safety of intravitreal faricimab with extended dosing up to every 16 weeks in patients with diabetic macular oedema (YOSEMITE and RHINE): two randomised, double-masked, phase 3 trials.

Wykoff CC, Abreu F, Adamis AP, Basu K, Eichenbaum DA, Haskova Z, Lin H, Loewenstein A, Mohan S, <u>Pearce IA</u>, Sakamoto T, Schlottmann PG, Silverman D, Sun JK, Wells JA, Willis JR, Tadayoni R; YOSEMITE and RHINE Investigators. Lancet. 2022 Feb 19;399(10326):741-755.

Efficacy, durability, and safety of intravitreal faricimab up to every 16 weeks for neovascular age-related macular degeneration (TENAYA and LUCERNE): two randomised, double-masked, phase 3, non-inferiority trials.

Heier JS, Khanani AM, Quezada Ruiz C, Basu K, Ferrone PJ, Brittain C, Figueroa MS, Lin H, Holz FG, Patel V, Lai TYY, Silverman D, Regillo C, Swaminathan B, Viola F, Cheung CMG, Wong TY; <u>TENAYA and LUCERNE Investigators</u>. Lancet. 2022 Feb 19;399(10326):729-740.

Lessons of the month 2: Retinal vasculitis: a first presentation of Takayasu's arteritis. Ibrahim H, D'souza S, Agorogiannis E, Ali A, Bashar N, <u>Pearce I</u>, Madhusudhan S. Clin Med (Lond). 2021 Nov;21(6):e673-e676.

Predictive Association of Pre-Operative Defect Areas in the Outer Retinal Layers With Visual Acuity in Macular Hole Surgery.

Baumann C, Iannetta D, Sultan Z, <u>Pearce IA</u>, Lohmann CP, Zheng Y, Kaye SB. Transl Vis Sci Technol. 2021 Apr 1;10(4):7

Impact of Baseline Characteristics on Geographic Atrophy Progression in the FILLY Trial Evaluating the Complement C3 Inhibitor Pegcetacoplan.

Steinle NC, <u>Pearce I</u>, Monés J, Metlapally R, Saroj N, Hamdani M, Ribeiro R, Rosenfeld PJ, Lad EM. Am J Ophthalmol. 2021 Jul;227:116-124.

Anti-VEGF intravitreal injections in the era of COVID-19: responding to different levels of epidemic pressure

Jean-François Korobelnik, Anat Loewenstein, Bora Eldem, Antonia M. Joussen, Adrian Koh, George N. Lambrou, Paolo Lanzetta, Xiaoxin Li, Monica Lövestam-Adrian, Rafael

Navarro, Annabelle A. Okada, <u>Ian Pearce</u>, Francisco J. Rodríguez, David T. Wong, Lihteh Wu. Graefes Arch Clin Exp Ophthalmol. 2021; 259(3): 567–574

Pachychoroid: current concepts on clinical features and pathogenesis. Castro-Navarro V, Behar-Cohen F, Chang W, Joussen AM, Lai TYY, Navarro R, <u>Pearce I</u>, Yanagi Y, Okada AA. Graefes Arch Clin Exp Ophthalmol. 2020 Oct 15

The impact of COVID policies on the vitreoretinal service in St Paul's Eye Unit, Liverpool. Dervenis N, Heimann H, Hussain RN, Chua PY, Sandinha T, Vilà N, <u>Pearce I</u>, Groenewald C, Tan SZ.Eye (Lond). 2020 Jul 24:1-2

Real-world outcomes with ranibizumab in branch retinal vein occlusion: The prospective, global, LUMINOUS study.

<u>Pearce I</u>, Clemens A, Brent MH, Lu L, Gallego-Pinazo R, Minnella AM, Creuzot-Garcher C, Spital G, Sakamoto T, Dunger-Baldauf C, McAllister IL; all the LUMINOUSTM study investigators.PLoS One. 2020 Jun 18;15(6)

Providing a Safe and Effective Intravitreal Treatment Service: Strategies for Service Delivery.

Amoaku W, Bailey C, Downey L, Gale RP, Ghanchi F, Hamilton R, Mahmood S, Menon G, Nosek J, **Pearce I**, Yang Y.Clin Ophthalmol. 2020 May 15;14:1315-1328

Optimisation of a Novel Bio-Substrate as a Treatment for Atrophic Age-Related Macular Degeneration.

McCormick R, Pearce I, Kaye S, Haneef A.Front Bioeng Biotechnol. 2020 May 15;8:456

Guidance for anti-VEGF intravitreal injections during the COVID-19 pandemic. Korobelnik JF, Loewenstein A, Eldem B, Joussen AM, Koh A, Lambrou GN, Lanzetta P, Li X, Lövestam-Adrian M, Navarro R, Okada AA, <u>Pearce I</u>, Rodríguez FJ, Wong DT, Wu L.Graefes Arch Clin Exp Ophthalmol. 2020 Jun;258(6):1149-1156

Fundamental principles of an effective diabetic retinopathy screening program. Lanzetta P, Sarao V, Scanlon PH, Barratt J, Porta M, Bandello F, Loewenstein A; <u>Vision Academy</u>. Acta Diabetol. 2020 Jul;57(7):785-798

Suspending treatment of neovascular age-related macular degeneration in cases of futility. Wong DT, Lambrou GN, Loewenstein A, <u>Pearce I, Okada AA</u>. Retina. 2020 Jun;40(6)

Effect of inverted internal limiting membrane flap on closure rate, postoperative visual acuity, and restoration of outer retinal layers in primary idiopathic macular hole surgery. Baumann C, Kaye S, Iannetta D, Sultan Z, Dwivedi R, **Pearce I.** Retina. 2020 Oct;40(10):1955-1963

Translating evidence into practice: recommendations by a UK expert panel on the use of aflibercept in diabetic macular oedema.

Pearce I, Bailey C, Fletcher E, Ghanchi F, Rennie C, Santiago C, Napier J, Yang Y. Eye (Lond). 2020 May;34(5):969-981

Anatomical and functional outcomes following switching from aflibercept to ranibizumab in neovascular age-related macular degeneration in Europe: SAFARI study.

Gale RP, <u>Pearce I</u>, Eter N, Ghanchi F, Holz FG, Schmitz-Valckenberg S, Balaskas K, Burton BJL, Downes SM, Eleftheriadis H, George S, Gilmour D, Hamilton R, Lotery AJ, Patel N, Prakash P, Santiago C, Thomas S, Varma D, Walters G, Williams M, Wolf A, Zakri RH, Igwe F, Ayan F.

Br J Ophthalmol. 2020 Apr;104(4):493-499

Patient-reported outcomes in the RELIGHT clinical trial of ranibizumab in diabetic macular oedema.

Chakravarthy U, <u>Pearce I</u>, Banerjee S, Burton BJL, Downey L, Gale R, Patel J, Patra S, Sivaprasad S, Stevenson M, Lupton S.

BMJ Open Ophthalmol. 2019 Apr 30;4(1)

Dexamethasone implant for non-infectious uveitis: is it cost-effective?

Squires H, Bermejo I, Poku EN, Cooper K, Stevens J, Hamilton J, Wong R, Denniston AK, <u>Pearce I</u>, Quhill FM.

Br J Ophthalmol. 2019 Nov;103(11):1639-1644.

Adalimumab for non-infectious uveitis: is it cost-effective?

Bermejo I, Squires H, Poku EN, Cooper K, Stevens JW, Hamilton J, Wong R, <u>Pearce I</u>, Quhill FM, Denniston AK.

Br J Ophthalmol. 2019 Nov; 103(11):1633-1638

Association between diabetic eye disease and other complications of diabetes: implications for care. A systematic review.

Pearce IA, Simó R, Lövestam-Adrian M, Wong DT, Evans M.

Diabetes Obes Metab. 2019 Mar; 21(3):467-478

The role of OCT-A in retinal disease management.

Rodríguez FJ, Staurenghi G, Gale R; Vision Academy Steering Committee.

Graefes Arch Clin Exp Ophthalmol. 2018 Nov;256(11):2019-2026

Clinical outcomes in Caucasian patients with polypoidal choroidal vasculopathy.

Agorogiannis, EI, **Pearce IA**, Yadav S, Parry DG, Beare NAV.

Eye (Lond). 2018 Nov;32(11):1731-1739

A noninterventional study to monitor patients with diabetic macular oedema starting treatment with ranibizumab (POLARIS).

Stefanickova J, Cunha-Vaz J, Ulbig M, <u>Pearce I</u>, Fernandez -Vega Sanz A, Theodossiadis P, Kodjikian L, Izmailov A, Muston D, Vassilev Z, Lamotte B, Tückmantel C, Friedl

S, Altemark A, Schwarz HJ, Katz T; POLARIS study investigators.

Acta Ophthalmol. 2018 Dec;96(8):e942-e949

A systematic review and economic evaluation of adalimumab and dexamethasone for treating non-infectious intermediate uveitis, posterior uveitis or panuveitis in adults. Squires H, Poku E, Bermejo I, Cooper K, Stevens J, Hamilton J, Wong R, Denniston A, **Pearce I**, Quhill F.

Health Technol Assess. 2017 Nov;21(68):1-170.

Sustained Benefits of Ranibizumab with or without Laser in Branch Retinal Vein Occlusion: 24-Month Results of the BRIGHTER Study.

Tadayoni R, Waldstein SM, Boscia F, Gerding H, Gekkieva M, Barnes E, Das Gupta A, Wenzel A, <u>Pearce I</u>; BRIGHTER Study Group. *Ophthalmology*. 2017;124(12):1778-1787.

Polypoidal choroidal vasculopathy: a common type of neovascular age-related macular degeneration in Caucasians.

Yadav S, Parry DG, Beare NAV, <u>Pearce IA</u>. *Br J Ophthalmol*. 2017;101(10):1377-1380.

Individualized Stabilization Criteria-Driven Ranibizumab Versus Laser in Branch Retinal Vein Occlusion: 6-Month Results Of BRIGHTER

Tadayoni R, Waldstein SM, Boscia F, Gerding H, <u>Pearce I</u>, Priglinger S, Wenzel A, Barnes E Gekkieva M, Pilz S, Monés J, on behalf of the BRIGHTER study group. *Ophthalmology* 2016;123:1332-44

Individualized Ranibizumab Regimen Driven by Stabilization Criteria for Central Retinal Vein Occlusion: Twelve-Month Results of the CRYSTAL Study.

Larsen M, Waldstein SM, Boscia F, Gerding H, Monés J, Tadayoni R, Priglinger S, Wenzel A, Barnes E, Pilz S, Stubbings W, <u>Pearce I</u>; CRYSTAL Study Group. *Ophthalmology* 2016;123:1101-11

Ranibizumab 0.5 mg for Diabetic Macular Edema with Bimonthly Monitoring after a Phase of Initial Treatment: 18-Month, Multicenter, Phase IIIB RELIGHT Study.

Pearce I, Banerjee S, Burton BJ, Chakravarthy U, Downey L, Gale RP, Gibson J, Pagliarini S, Patel J, Sivaprasad S, Andrews C, Brittain C, Warburton J; RELIGHT Study Group.

Ophthalmology. 2015 Sep;122(9):1811-9

Ranibizumab in retinal vein occlusion: treatment recommendations by an expert panel. Gerding H, Monés J, Tadayoni R, Boscia F, **Pearce I**, Priglinger S. *Br J Ophthalmol*. 2015 Mar;99(3):297-304

Efficacy and safety of widely used treatments for macular oedema secondary to retinal vein occlusion: a systematic review.

Glanville J, Patterson J, McCool R, Ferreira A, Gairy K, <u>Pearce I</u>. *BMC Ophthalmol*. 2014 Jan 21;14:7.

Epimacular brachytherapy for neovascular age-related macular degeneration (CABERNET): fluorescein angiography and optical coherence tomography. Jackson TL, Dugel PU, Bebchuk JD, Smith KR, Petrarca R, Slakter JS, Jaffe GJ, Nau JA; **CABERNET Study Group**.

Ophthalmology. 2013 Aug;120(8):1597-603.

Epimacular brachytherapy for neovascular age-related macular degeneration: a randomized, controlled trial (CABERNET).

Dugel PU, Bebchuk JD, Nau J, Reichel E, Singer M, Barak A, Binder S, Jackson TL; **CABERNET Study Group**.

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National/International Invited Lectures

The Future of Therapies and Trials in Geographic Atrophy. GA Days Annual; Meeting, Rome Apr 2023

Introduction to the Vision Academy Floretina, Rome Dec 2022

Is the Port Delivery System the answer to AMD in 2022? Portuguese Retina and Vitreous Society Annual Meeting, Madeira Oct 2022

Future Therapies for Geographic Atrophy Royal College of Ophthalmologist's Annual Congress, Glasgow May 2022

The "Definitive" Debate: Is OCTA ready to replace FFA?
Royal College of Ophthalmologist's Annual Congress, Glasgow May 2022

Advances in Ophthalmic Imaging Royal College of Physicians Annual Congress, April 2022

Challenges in the management of neovascular AMD, Royal College of Ophthalmologists Seminar Chair and Speaker Mar 2022

Recent advances in GA: Data from Phase 3 clinical trials Annual Congress Asia-Pacific Vireo-retinal Society December 2021

The risk/ benefit of port delivery system warrants its routine use in neovascular AMD. EURetina Debate December 2021

The "Definitive" Debate: Is the NHS Ready to Manage Treatment Naïve PDR with only Intravitreal anti-VEGF Injections? Royal College of Ophthalmologist's Annual Congress, May 2021

The Power of An EMR In Research – Local, Regional and National Benefits Heidelberg Virtual Imaging Symposium Oct 2020

Widefield Angiography in Uveitis Swiss Ophthalmological Soceity, Lausanne Aug 2020

Ultra-widefield Imaging 100% Optical, London Jan 2020

IPCV in Macula Clinics Royal College of Ophthalmologist's Annual Congress, Glasgow May 2019

Informing DVLA College of Optometry Annual Meeting Keynote, Birmingham Feb 2019

Chair/DMO Consensus Pathway Retinal Pioneers Summit, London Jan 2019

Chair/VR On Call Debate

British / Eire Association of Vitreoretinal Surgeons Annual Meeting, Liverpool Nov 2018

Disease Modification: What is the unique treatment goal for doctors/pts with diabetes? DR Barometer Project European Workshop, Milan Sep 2018

OCTA in nvAMD

Euretina Instructional Course, Vienna Sep 2018

OCTA in DMO – what is the potential?

Heidelberg 2nd International Masterclass at EURETINA, Vienna Sep 2018

PCV and PEHCR

Royal College of Ophthalmologist's Retinal Diseases Seminar, London July 2018

The use of topical antibiotics for the management of intravitreal injections Retinal Pioneers Summit, London Jan 2018

PCV – Diagnosis and treatment: What's new?

Royal College of Ophthalmologist's Macular Diseases Seminar, London Dec 2017

Pneumatic Retinopexy Debate

British and Eire Association of Vitreoretinal Surgeons Annual Meeting, Durham Nov 2017

DVLA Notification: Who, When and Why? SAS Annual meeting, Doncaster Nov 2017

DVLA seminar RCOPHTH

Chair and presenter, London Sept 2017

Real World Evidence in Medical Retina

Bayer Sponsored Australian Lecture Tour, Brisbane/Perth/Sydney Aug 2017

PCV in the UK and the role of PDT

Royal College of Ophthalmologist's Annual Congress, Liverpool May 2017

DRCR.net Clinical Outcomes

Vision Academy Meeting, Barcelona March 2016

Bilateral Anti-VEGF Workshop

Vision Academy Meeting, Barcelona March 2016

Fixed Dosing for AMD

Controversies in Ophthalmology (COPHY), Warsaw April 2016

Mild DME Management

Controversies in Ophthalmology (COPHY), Warsaw April 2016

Preferred Visit Regime for Anti-VEGF Management

Controversies in Ophthalmology (COPHY), Warsaw April 2016

Vitreomacular Interface Disease Management RCOPHTH Elizabeth Thomas Seminar, Nottingham Dec 2015

OCT Assessment in Inflammatory Eye Diseases TOPCON National OCT Day, Birmingham Nov 2015

Experience with Ocriplasmin and VMT Yorkshire Retinal Society Summer Meeting, June 2015

What are the Major Pitfalls in AMD Care? Royal College of Ophthalmologist's Annual Congress, Liverpool May 2015

Role of Surgery in Diabetic Macular Oedema Royal College of Ophthalmologist's Annual Congress, Liverpool May 2015

Is there are Role for Surgery in Uveitis?
Retina Day

Royal College of Ophthalmologist's Annual Congress, Liverpool May 2015

Imaging in AMD Oxford Ophthalmological Congress, July 2014

Angiographic Imaging of Inflammatory Choroidal Diseases Imaging Course Royal College of Ophthalmologist's Annual Congress, Birmingham May 2014

Developments in the Treatment of AMD Allied Health Professionals Day

Royal College of Ophthalmologist's Annual Congress, Birmingham May 2014

Surgical vs Pharmacological Resolution of VMT Retina Day

Royal College of Ophthalmologist's Annual Congress, Birmingham May 2014

Diabetic Retinopathy Management

North of England Ophthalmological Society Summer Meeting Chester Jun 2013

Regular Questions I am asked in the Clinic – RVO Management Medical Retina Group Annual Meeting Oxford Jun 2013 Impact of CNV Treatment on the Choroid Royal College of Ophthalmologist's Annual Congress, Liverpool May 2013

MS and Uveitis

Medical Ophthalmological Society UK Annual Congress Glasgow Mar 2013

Uveitis - Has Surgery Any Role ? Royal College of Ophthalmologist's Seminar, London Feb 2013 Anti-VEGF in Diabetic Macular Oedema Management Royal College of Ophthalmologist's Seminar, Edinburgh Nov 2012

FFA and ICG Angiography in AMD Decision Making Retinal Imaging Course Aintree Nov 2012

Cases from The Uveitis Clinics Symposium Royal College of Ophthalmologist's Annual Congress, Liverpool May 2012

Steroids in Retinal Vein Occlusion Management Royal College of Ophthalmologist's Annual Congress, Liverpool May 2012

Advances in Intravitreal Therapies: Benefits, Safety, Cost and the NHS Diabetes UK Annual Congress Glasgow Mar 2012

Retinal Vein Occlusion Management ScotMacs Meeting Glasgow Mar 2012

New treatment paradigms in RVO Elizabeth Thomas Seminar Nottingham Nov 2011

New Tools in Remote Monitoring of AMD 11th Internation Meeting of AMD and Retinal Diseases, Lisbon Nov 2011

Widefield Angiography in Uveitis 9th International Heidelberg Symposium Edinburgh Oct 2011

DMO new treatment paradigms and research RCOphth Regional DMO Seminar Manchester Sept 2011

Diseases of the Choroid RCOphth Annual Congress May 2011

ICG Angiography for AMD Decision Making OIA meeting Harrogate Nov 2010

Intravitreal Therapies for RVO Retina Sub-Speciality Day RCOphth Annual Congress May 2010 and 2011

Vitrectomy for Diabetes Yorkshire retinal Society Wakefield Apr 2010

Imaging Techniques in Posterior Uveitis Manchester Uveitis Symposium March 2010

Epimacular Brachytherapy in Treated AMD Scandinavian Retina Society Meeting Sweden Dec 2009

ICG Angiography and Wide-field Imaging Haag Streit UK Meeting Stanstead Dec 2009 How I use VR Surgery in my patients with Diabetic Maculopathy Retina Regional Speciality Day Frimley Park Nov 2009

ICG Angiography
Oxford Post-Graduate Meeting Nov 2009

FFA and OCT Assessment Retinal Imaging Course Aintree Nov 2009

Vitrectomy for Diabetes MSD Meeting Birmingham Oct 2009

ICG Angiography in AMD Decision Making Yorkshire retinal Society Hull Jun 2009

Use of OCT in the Investigation of Macular Pathology Edinburg macular Symposium Edinburgh June 2009

Novel Therapies and AMD Management Nurses Ophthalmic Conference Aston Business School April 2009

Contemporary Treatments for Diabetic Retinopathy Nottingham Eye Symposium Nottingham Jan 2009

New Medical Treatments for AMD RCO Elizabeth Thomas Symposium Nov 2008

Surgery for Diabetic Eye Disease RCO Seminar Diabetic Retinopathy Oct 2008

Anti-VEGF for non- AMD RCO Seminar Intravitreal Therapies Apr 2008

VR Surgery in Diabetic Maculopathy RCOphth Annual Congress May 2007

CJD for VR Surgeons BEAVRS London Oct 2006

Referees

Professor Rachel Williams Professor of Ophthalmic Bioengineering Head of Eye and Vision Science University of Liverpool Liverpool L69 3BX 0151 794 9043

Professor Noemi Lois Clinical Professor Ophthalmology School Of Medicine, Dentistry And Biomedical Sciences Health Sciences Building Queens University Belfast BT9 7BL 028 9097 6462

Professor Sobha Sivaprasad Honorary Professor Ophthalmology Moorfields Eye Hospital 162 City Road London EC1V 2PD 020 7566 2039