

Advisor: Dr. James Finbarr (Barry) Cullen, MD, FRCS, FRCSE



Qualifications

- MB,BCh,BAO(hons.) National University of Ireland. (University College Dublin) 1952.
- DO.RCP(London) & RCS(England) 1954
- FRCS (England) in Ophthalmology 1960
- MCh.(Ophthalmology) NUI 1960
- MD.Published Work NUI 1969
- FRCSE. (without Examination) 1975
- FRCOphth 1988

Undergraduate Honour & Prizes

- Honours in all Professional Examinations in Medical School (University College Dublin) Exhibitions in Second and Final MB, BCh, BAO
- Gold Medal in Surgery from Teaching Hospital.
- (Mater Misericordiae Hospital Dublin),1952.

Present Posts :

Visiting Professor at the National University of Singapore.

Visiting Senior Consultant at the Singapore National Eye Centre & Acting Head, Neuro-Ophthalmology Service.

Overseas Adviser, Royal College of Surgeons of Edinburgh, in Ophthalmology.

Consultant Neuro-Ophthalmologist, Singapore General Hospital, & The National University Hospital of Singapore.

External Examiner National University of Ireland (Malaysia)

Previous Posts :

a) Recent 1965-1994

Consultant Ophthalmologist, Eye Department, Edinburgh Royal Infirmary, Consultant in Administrative Charge and Chairman of Ophthalmologist, Board, 1994-1991.

Consultant Neuro-Ophthalmologist, Dept. of Clinical Neuro-Sciences, Western General Hospital, Edinburgh

Examiner and lately, Chief Examiner in Ophthalmology, Royal College of Surgeons of Edinburgh, 1967-1998.

Chairman of Speciality Advisory Board in Ophthalmology, Royal College of Surgeons of Edinburgh, 1991-1998.

Ophthalmologist in Private Practice, Edinburgh, 1994-1998

b) Training posts 1952-1965

House Physician to Professorial Medical Unit, Mater Hospital, Dublin. July 1952-January 1953.

Obstetric House Officer, Coombe Hospital, Dublin. January 1953-March 1953

House Surgeon, The Royal Victoria Eye & Ear Hospital, Dublin. March 1953-March 1954.

Junior Clinical Assistant, Moorfields Eye Hospital. March 1953-July 1953

Registrar, Dept. of Ophthalmology, Royal Victoria Infirmary, Newcastle upon Tyne. 1954-1956

Demonstrator in Anatomy. Medical School, King's College, University of Durham. 1956-1957

Senior House Officer Dept. of Neurosurgery, Newcastle, General Hospital. Oct 1958-March 1959.

c) Fellowships & Academic 1961-1965

Fellow in Neuro-Ophthalmology at The Johns Hopkins Institutions and Hospital Baltimore USA. 1961-1962

Fellow (pt-time) in Ophthalmic Pathology at The Armed Forces, Institute of Pathology, Washington DC. 1961-1962

Senior Lecturer In Ophthalmology, University of Edinburgh and Honorary Consultant to S-E Regional Board, Scotland. July 1962-March 1965.

Memberships, Lectureships, Honours etc:

Member of British Eye Study Group

Founder Member of British Isles Neuro-Ophthalmology Club.

Honeyman Gillespie Lecturer, University of Edinburgh, 1968.

Vice President Scottish Ophthalmologists Club, 1986-1988.

President Scottish Ophthalmologist Club, 1988-1990

Founder, Scottish Ophthalmologist Golfing Society, 1988.

Other Appointments:

Examiner for Fellowship in Ophthalmology, Royal College of Surgeons, Edinburgh, 1967-1999.

Examiner for Fellowship in Ophthalmology, Royal College of Physicians and Surgeons, Glasgow, 1975-80.

External Examiner in Ophthalmology for The National University of Ireland, 1968-1970

External Examiner for BSc(hons) in Ophthalmic Optics, University of Strathclyde 1975-1980

External Examiner for MS(opth), University Kebangsaan Malaysia,

External Examiner for MS(opth), University Malaya.

External Examiner for Mmed (opth), National University of Singapore. 1989-1998.

Visiting Professor, National University of Singapore, 1986 & 1987.

Visiting Professor, University Kebangsaan Malaysia, 1983 & 1985.

Guest Lecturer Malaysia- Singapore Ophthalmological Society 1979, 1983, & 1985.

International Awards:

Keshmahinder Singh Gold Medal & Award from The Ophthalmological Society of The Malaysian Medical Association, For Services to Ophthalmology in Malaysia, 1998.

Singapore National Eye Centre International Gold Medal for services to Ophthalmology in South East Asia, 1998.

Sri V Venugopal Memorial Lecturer at the Medical Research Foundation of Sankara Nethralaya, Chennai, India 1999.

Royal College of Surgeons of Edinburgh Gold Medal 1999.

Publications

1. Stenosis of the Aqueduct of Sylvius. With L P Lassman and J M L Howat. American Journal of Ophthalmology. Vol. 49, 2, 261. 1960

2. Mongolism (Down's Syndrome) and Keratoconus. With H G Butler. *British Journal of Ophthalmology*. Vol. 47, 6,321. 1963.
3. Blindness in Mongolism (Down's Syndrome) *British Journal of Ophthalmology*. Vol. 47, 6, 331. 1963
4. A study of the Effect of Atromid Therapy in Exudative Diabetic Retinopathy. With J T Ireland, M F Oliver and L J P Duncan *Journal of Atherosclerosis Research*. 3, 701. 1963
5. Ocular Defects in Thalidomide Babies. *British Journal of Ophthalmology*. Vol. 48, 3, 151. 1964
6. Occult Temporal Arteritis. *Transactions of the Ophthalmological Society of the UK*. Vol. 83, 725. 1963
7. Hereditary Glaucoma-Occurrence in Five Generations of an Edinburgh Family. With A L Crombie. *British Journal of Ophthalmology*. Vol.48, 3, 143. 1964
8. Occlusion of the Central Retinal Artery, following a Closed Head Injury. *American Journal of Ophthalmology*. Vol. 57, 4, 670. 1964
9. Pituitary and Parapituitary Tumours: Value of Perimetry in Diagnosis. *British Journal of Ophthalmology*. Vol. 48, 11, 590. 1964
10. Idiopathic Lipaemia Retinalis. With W D H Conacher. *British Journal of Ophthalmology*. Vol. 48, 11, 590. 1964
11. A Controlled Trial of Atromid Therapy in Exudative Diabetic Retinopathy. With J T Ireland and M F Oliver. *Transactions of the Ophthalmological Society of the UK*. Vol. 84, 281. 1964
12. Pituitary Stalk Section for Advancing Diabetic Retinopathy. With P Harris, J F Munro and L J P Duncan. *British Journal of Ophthalmology*. Vol. 49, 8, 393. 1965
13. Pituitary Ablation by Yttrium Implantation for Advancing Diabetic Retinopathy. With P Harris, J W Turner, A A Donaldson, J F Munro, and L J P Duncan *British Journal of Ophthalmology*. Vol. 49, 8, 405. 1965
14. Cerebral Aneurysm Presenting with Visual Field Defects. With W M Haining and A L Crombie. *British Journal of Ophthalmology*. Vol. 50, 5, 251. 1966.
15. Clinical Anophthalmos in a ? Thalidomide child. *Journal of Paediatric Ophthalmology*. Vol.3, 1, 10. 1966
16. Teratogenic Agents and Thalidomide. *Transactions of the Ophthalmology Society of the UK*. -Vol. 86, 101. 1966
17. Retinal Vasculitis Associated with Anterior Uveitis, With J Nolan *British Journal of Ophthalmology*. Vol.51, 6, 361. 1967
18. Ocular and Ocular Muscle Anomalies in Thalidomide Children. *British Orthoptic Journal*. Vol. 24, 2, 1. 1967
19. Occult Temporal Arteritis. *British Journal of Ophthalmology*. Vol.51, 8, 513. 1967.
20. Ischaemic Optic Neuropathy. *Transactions of the Ophthalmological Society of the UK*. Vol. 87, 759. 1967
21. Pituitary Ablation for Advancing Diabetic Retinopathy. *Eye, Ear, Nose and Throat Digest*. January 1968.p.47
22. Clofibrate in Glaucoma. *Lancet*. Vol.2, 892. 1968
23. Treatment of Diabetic Retinopathy. With G I Scott. In "Vascular Diseases in Ophthalmology". *Bibliotheca Ophthalmologica*. No.76. 146-153. (Karger, Basel/New York) 1968.
24. Eosinophilic Granuloma of the orbit. With H B Chawla. *Journal of Paediatric Ophthalmology*. 5, 93-95. May 1968.
25. Treatment of Diabetic Retinopathy. *Geriatrics*. 23, 137-148. July 1968.
26. A Three-Year Trial of Atromid Therapy in Exudative Diabetic Retinopathy. With L J P Duncan, J T Ireland, B F Clarke, J Nolan and M F Oliver. *Diabetes*. 17, 7, 458-467. 1968.
27. Retinal Vascular Disease. *Scottish Medical Journal*. 13, 253-260. 1968
28. Present Status of Clofibrate Therapy in Ophthalmology. With J Nolan. *British Journal of Ophthalmology*. Vol.53, 1, 9. 1969
29. Occurrence of Retinal Detachment in a Case of Buphthalmos Associated with Partial Aniridia. With H B Chawla *Journal of Paediatric Ophthalmology* 6, 1, 42-43. Feb 1969.
30. Primary Optic Meningioma. With I M MacMichael. *British Journal of Ophthalmology* 6, 53, 169-173. March 1969.
31. Ischaemic Optic Neuropathy - Temporal Arteritis. *The William Mackenzie Centenary Symposium on the Ocular Circulation in Health and Disease*. Pages 142-146. Sept. 1968.
32. Exudative Diabetic Retinopathy and It's Treatment. *The William Mackenzie Centenary Symposium on the Ocular Circulation in Health and Disease*. Pages 210-215. Sept 1968.
33. Visual Field Defects Following Cerebral Angiography. *Transactions of the Ophthalmological Society of the UK*. Vol.89,47. 1969.

34. Diagnostic Index for Diseases of the Eye - Based on the International Statistical Classification of Diseases (ICD) British Journal of Ophthalmology. Vol.54, 4, 348. 1970
35. Pituitary Gland Ablation by 90 Yttrium Implantation for Advancing Diabetic Retinopathy - A Further Report with P F Gibson, A C Mac Cuish, P Harris, A A Donaldson, J F Munro and L J P Duncan.
36. Eye Defects in Thalidomide Children. Acta XXI Concilium Ophthalmologicum Mexico. 1970 Pars. II. P.1396. Excerpta Medica, Amsterdam. 1971.
37. Atypical Minimal Peripapillary Choroidal Colobamata. With S S Hayreh. British Journal of Ophthalmology. Vol.56,2,86. 1972.
38. Pathology of Ischaemic Optic Neuropathy. With Ian Macmichael. 2nd Mackenzie Memorial Symposium. The Optic Nerve. 1972. p.108-116.
39. Temporal Arteritis. Occurrence of Ocular Complications Seven Years Following Diagnosis. British Journal of Ophthalmology. Vol.56 8 Aug 1972. p.584-588.
40. Orbital Fractures and other orbital and ocular Complications of head injury. International Symposium in Head Injuries. 1970. (Churchill Livingstone, Edinburgh and London 1971).
41. Traumatic Ischaemic Optic Neuropathy. With A W Wyllie and D Mcleod. British Journal of Ophthalmology. Vol.56, 11, 851. 1972
42. Diabetic Retinopathy - "Hope or Despair." Transactions of the Ophthalmological Society of the UK. Vol.92, 59-68. 1973
43. A Companion to Medical Studies, Edited by R Passmore and J S Robson. Chapter 6. Injuries to the Face and Eyes with A D R Batchelor. Chapter 33. Diseases of the Eyes.
44. Orbital Diploic Dermoids. British Journal of Ophthalmology. 58, 2, 105-106. 1974.
45. A Double-Blind Trial of Atromid S in Exudative Diabetic Retinopathy, With S M Town and C J Campbell. XXII International Congress of Ophthalmology, Paris 1974. Acta XXII Concilium Ophthalmologicum. Paris 1974.
46. Symposium on Fringe Therapeutics - Double Blind Trial of Atromid S in Exudative Diabetic Retinopathy. With S M Town and C J Campbell. Transactions of the Ophthalmological Society of the UK 94, 2. 544-562.1974
47. Diabetic Retinopathy -a Survey of 82 patients who presented with Unilateral Blindness. With S M Town Transactions of the Ophthalmological Society of the UK. 95.484. 1975
48. Temporal Arteritis - A Review. With J A Coleiro. Survey of Ophthalmology. 20,4,247-269. 1976
49. Diabetic Retinopathy and its treatment. With H B Chawla and J A Coleiro. British Journal of Clinical Practice. 1976
50. Blindness from Accident. W H Ross Foundation (Scotland) Report 1976. (A MacDonald-MacLean) Editor J F Cullen.
51. The Optic Nerve head and Papilloedema. In Symposium - The Eye in Medicine R.C.P.E. Publications No. 49 Editor A.T. Proudfoot. PP 77-83 1977
52. Temporal Arteritis With F Jonasson and R.A. Elton. Scottish Medical Journal 24, 111 -117. 1979
53. Temporal Arteritis . In current Ocular Therapy. Ed. Fraufelder & Roy Saunders pp 143-144. 1980
54. Eye Injuries. Update Vol. 22 No. 8 1267 - 1274. 1981
55. Blindness and Visual Field Defects following Cerebral Angiography. With J.M. Gibson. Neuro-Ophthalmology Vol.2, No: 4 297-303. 1982.
56. Visual Failure in Temporal Arteritis. The Practitioner - Vol. 226 1799 -1800. 1982.
57. Axonal Transport Injury caused by Diving. With Fridbert Jonasson. American Journal of Ophthalmology. 94, 6, 813-815. 1982.
58. Metastatic Disease in the Pituitary. With J Duvali.
Transactions of the Ophthalmological Societies of the UK Vol 102. Pt.4.481-186. 1982
59. Posterior Ischaemic Optic Neuropathy (P.I.O.N). With J Duvall Neuro-Ophthalmology Vol. 3 No. 1 15-19 1983
60. Posterior Chamber Intro-ocular Lens Implantation. With J M S McConnell and J Duvall Transactions of the Ophthalmological Societies of the U.K. Vol 103 532-536 1983
61. Temporal Arteritis - Visual loss associated with Posture. With W.N.Wyke and G.W.W.Adams. Neuro-Ophthalmology Vol. 4 No.2 107-109 1984
62. Chronic Ocular Hypoxia Associated with Carotid Insufficiency presenting with Hypaema, Neuro-Ophthalmology Vol.5 with B.W. Fleck No 19-11 1985
63. Headeache and Temporal Arteritis with W.N. Wykes. Scottish Medical Journal 30 042 1985
64. Posterior Chamber Intraocular Lens Implantation, further Review of the Severin Lens with JMS McConnell - Transaction of the Ophthalmologic Societies of the U.K. Vol 104 912-914 1985
65. Pseudo phakic Cystoid Macular Oedema with the Severin Lens. With JMS McConnel-Journal of Cataract & Refractive Surgery Vol. 12 499-501 198
66. Autosomal Dominant Juvenile onset Glaucoma affecting six generations in an Edinburgh Family, Brit. J. Ophthal. 70, 715 1986
67. Neuroparalytic keratitis and the effect of Cervical Sympathetomy following operative procedures for Trigeminal Neuralgia with G.W.W. Adams. Scottish Medical Journal 32, 086-088 1987
68. Filamentary keratitis in comatose patients with D Charteris. Neuro-ophthalmology Vol 7, No 5, 307-308 1987

69. Do steroid aerosols cause cataracts in asthmatic patients? M B Allen, S.Ray, B Dhillon, J.F.Cullen, A.G.Leitch. Thorax 1988, 43; 845-846
70. Papilloedema and the optic disc. J.F.Cullen. Annals Acad Med Singapore 1989, 18; 222-225.
71. Steroid Aerosols and cataract formation. M.B.Allen, S.G.Ray A.G.Leitch, B.Dhillon, J.F.Cullen, BMJ 1989, 299; 432-433
72. Ischaemic Optic Neuropathy. J.F.Cullen. Research and Clinicals forums 1989, 11; 36-41
73. Visual outcome after craniopharyngioma. E. Mutlukan and J.F.Cullen. Ophthalmology 1990, 87; 539.
74. Can empty sella syndrome be mistaken for Naion? E.Mutlukan and J.F. Cullen. Arch Ophthalmol 1990, 108;1066-1067
75. Isolated intraorbital neurofibromas. E Mutlukan, B Dhillon, B Fleck, J.F.Cullen, I.Whittle. Orbit 1990-9;171-176
76. Pattern of arterial involvement of the head, neck and eyes in giant cell arteritis:three case reports. Z Butt, J.F.Cullen, E Mutlukan.Brit J. Ophthalmol 1991, 75 368-371.
77. Case of penetrating orbitocranial injury caused by wood. E.Mutlukan, B.Fleck, J F Cullen, I.R. Whittle. Brit J. Ophthalmol 1991, 75;374-376.
78. Red colour comparison perimetry chart in neuro-ophthalmological examination. E. Mutlukan, J.F. Cullen. Eye 1991, 5; 352-361
79. Fucithalamic, chloramphenicol or no treatment after squint surgery in children. P.P. Keams and J.F Cullen. Acta Ophthalmologica, 1992, 70; 132-134
80. Remembrances of thing past: A case from 1927. J.F. Cullen, E. Mutlukan. Scottish Medical Journal, 1992, 37; 027-028
81. Low contrast visual acuity changes in human immuno-deficiency virus (HIV) infection. E Mutlukan, B Dhillon, P.Aspinall, J.F. Cullen. Eye 1992, 6; 39-42
82. Ophthalmic complications of giant cell arteritis. A review. Ana M Armbrrecht and J F Cullen. Clinical Signs, 1992, XIII (no 3); 1-16
83. Acute corneal hydrops in Down's syndrome. J F Cullen, Z Butt, V Khanna. Asia Pacific Journal of Ophthalmology, 1992,4;39-40
84. Mutlukan E, & Cullen J F Red colour comparison perimetry chart. (UK Patent no. 2247087A). UK Patent Office Publications 1992.
85. Butt Z, Mutlukan E, & Cullen J F Yttrium 90 pituitary ablation in diabetic retinopathy. A long term review. Neuro-ophthalmology 1993; 13:51-57
86. MacLean H, Ironside J W, Cullen J F & Butt Z. Mukulicz syndrome and disease: two cases reports highlighting the difference Acta. Ophthalmol 1993;7;:136-141
87. Mutlukan E & Cullen J F. Hand held multistimulus visual field test chart. (UK patent no 9202671.4) UK Patent Office Publications 1993
88. Mutlukan E & Cullen J F Hand held multistimulus visual field test chart. (UK Patent no: 250893). UK Patent Office Publications 1993.
89. Cullen J F Anterior ischemic optic neuropathy. CME Review. National University of Singapore 1994;4,1;:14-15
90. Kaye-Wilson LG, Gibson R, Bell JE, Steer AJW & Cullen JF. Oculomotor nerve neurinoma Neuro Ophthalmology. 1994;14;37-41
91. MacLean H, Kearns P, & Cullen JF. Temporal arteritis and blindness. Update 15 January 1995, 76-80
92. Charrieres DG, & Cullen JF. Binasal field defects in primary empty sella syndrome J Clin. Neuro-ophthal 1996;16,110-116
93. Cullen JF Ophthalmology training and examinations after Calman: The Royal College of Surgeons of Edinburgh. Eye News 1996;2, 6:24-26
94. Singh J, Sioulis C & Cullen JF Conjunctival Melanoma. Arch. Ophthalmol, 1996,114,1528-29
95. Cullen JF & Mutlukan E. The Red Dot Test. Optometry To-Day.1997,37,11,36-37
96. Cullen JF. The RCSE and the College of Ophthalmologists of Hong Kong J Ophthal 1997,1,2,64-67
97. Wright MR, MacLean H, Cullen JF, Lello G, Statham PFX. & Collie D Orbital & Intracranial spread from an infraorbital nerve neurilemmoma. Neuro-ophthalmology 1997, 18,2,87-89
98. Cullen JF Dr Chew Sek Jin Obituary. RCSE Newsletter No: 55 Spring 1999.
99. Cullen JF Post Graduate Training in Ophthalmology. Sixth Sri V Venugopal Memorial Lecture. MRF Publications, Chennai September 1999.
100. Cullen J F The Pale Optic Disc. Some observations of a European Neuro-ophthalmologist in SE Asia. Asian J Ophthal. 2000,2,3,9-11

Publications 2000

1. Cullen JF The pale Optic disc-some observations of a European Neuro-ophthalmologist in S.E. Asia. Asian J Ophthal. 2000,2,3,9-11
2. Cullen J F. The swollen Optic Disc-Further observations of A European Neuro ophthalmologist in S.E.Asia. Asian J Ophthal. In press.
3. Wang J.C. Tow S., Tin A., Lim S.A., & Cullen JF. The Presentation, Aetiology, management and outcome of optic neuritis in an Asian Population. Submitted for pub.