

CURRICULUM VITAE

KANWAL 'KEN' NISCHAL

Consultant Ophthalmic Surgeon

Great Ormond Street Hospital for Children

Moorfields Eye Hospital (Hon.)

**Head of Clinical And Academic Department
of Ophthalmology**

**Fellowship and Training Director
Great Ormond St Hospital for Children**

PERSONAL DETAILS

Name	KANWAL 'KEN' NISCHAL
Date of birth	20th December 1964
Nationality	BRITISH
Status	Married
G.M.C.	3298691
M.D.U.	23056OG
General Education	Slough Grammar School, Slough, Berkshire.
Medical School	King's College Hospital Medical School University of London 1983-1988

Jan 1999 - Present

CONSULTANT OPHTHALMIC SURGEON

Great Ormond Street Hospital for Children, London

HONORARY SENIOR LECTURER

Institute of Child Health

HONORARY CONSULTANT OPHTHALMIC SURGEON

Moorfields Eye Hospital, London

Jan 1998 –Jan 1999

CLINICAL FELLOW IN PAEDIATRIC OPHTHALMOLOGY
The Hospital for Sick Children, Toronto

July 95 – Jan 98

SENIOR REGISTRAR ROTATION, *Ophthalmology*
Oxford Eye Hospital, Oxford and Prince Charles Eye Unit, Windsor

Feb. 1994 - June 1995

REGISTRAR ROTATION, *Ophthalmology*
Birmingham and Midlands Rotation, Birmingham

Feb. 1992 - Jan.1994

SENIOR HOUSE OFFICER, *Ophthalmology*
Prince Charles' Eye Unit, Windsor

Feb. 1991- Jan. 1992

SENIOR HOUSE OFFICER, *Ophthalmology*
King's College Hospital, London

Aug. 1990 - Jan. 1991

NEUROSURGERY LECTURER
The Royal London Hospital, London

Feb. 1990 - June 1990

ANATOMY DEMONSTRATOR
Guy's Hospital, London

Aug. 1989 - Feb 1990

Casualty Officer
St. Thomas' Hospital, London

Feb. 1989 - July 1989

House Physician, *King's College and Dulwich Hospitals*

Aug. 1988 -Jan. 1989

House Surgeon *St. Helier's Hospital, Carshalton*

CURRENT POSITION

Responsibilities

Fellowship Director And Unit Training Director

We have four fellows and one junior resident. Two fellows work with me at any one given time. One of these fellows is split between GOSH and King's College Hospital, London.

Royal College of Ophthalmologists Tutor

NSCAG Ophthalmologist

The National Specialist Commissioning Advisory Group (NSCAG) aims to help patients by improving access to uncommon services, whilst at the same time seeking to sustain high levels of expertise by preventing proliferation to too many centres.

In addition to my normal workload, I am funded by NSCAG to deliver Ophthalmic care and service strategies to all patients at Great Ormond St Hospital for Children with:

- 1 **Craniofacial Anomalies**
- 2 **Epidermolysis Bullosa**

Service Developments

Since commencing my post in January 1999 I have introduced five main service developments

- 1 **Penetrating and lamellar keratoplasty service** for appropriate neonates , infants and children
- 2 **Ultrasound service : high frequency ultrasound**, posterior segment ultrasound and **biometry** for intraocular implant calculations
- 3 **Management protocol for periocular haemangiomas**
- 4 **Management protocol for Visual function surveillance in Craniosynostoses**
As a result of demonstrating to the National Specialist Commissioning Advisory Group (NSCAG) the effect of this new management protocol, we received a centrally funded grant of 47000 sterling pounds on a **recurrent annual basis** in June 2002.
- 5 **Botulinum Toxin for paediatric strabismus**
- 6 **Ophthalmic Surveillance for children with Epidermolysis Bullosa** As a result of demonstrating improved quality of life with decreased corneal erosions NSCAG provided 2 Consultant Sessions of funding for this service starting April 2004

Although my two colleagues did treat **paediatric glaucoma** before my arrival, this has been part of my responsibilities since my arrival. I have introduced **releasable sutures** for paediatric trabeculectomy, **Ahmed tube implant** (which I learned about while fellow at HSC, Toronto) and **high frequency ultrasound guidance for cycloablation**.

I have gained **3 Clinical Excellence Awards** because of my contribution to the National Health Service both at Local And National Levels

RESEARCH INTERESTS

- 1 **Craniosynostoses**
 - Extraocular muscles
 - Structure
 - Genotype-phenotype correlation
 - Strabismus

- Evaluation
 - Treatment
- Visual Loss
 - Amblyopia
 - Optic neuropathy
 - Causes
 - Treatment

2

Ultrasound

- Normal Ultrasound
 - Linear
 - Use in biometry and lens diameter estimation
 - Doppler
 - Vascular anomalies
- High Frequency Ultrasound
 - Diagnosis in congenital corneal opacification
 - Therapeutic use for Cyclodiode laser
 - Corneal thickness measurement

3

Paediatric Anterior Segment

- **Cataract**
 - with and without implantation
- **Keratoplasty**
 - Penetrating
 - Congenital corneal developmental opacification
 - Acquired
 - Deep Anterior Lamellar Keratoplasty
- **Amniotic Membrane Transplant**
 - Epidermolysis bullosa
- **Glaucoma**
 - Goniotomy
 - Trabeculotomy with Trabeculectomy (MMC and releasable sutures)
 - UBM guided Cyclodiode laser
 - Ahmed Tube

RESEARCH GRANTS AND FUNDS

- | | | |
|---|--|----------|
| 1 | <p>JS Rahi, IM Russell-Eggitt, KK Nischal,
DSI Taylor, CS Peckham</p> <p>Outcomes of congenital and infantile cataract in the
United Kingdom and their predictors – national study
in collaboration with the British Congenital Cataract
Interest Group</p> <p>Guide Dogs for the Blind Association Project Grant. 2001</p> | £94,552 |
| 2 | <p>KK Nischal</p> <p>Ocular aspects of Craniofacial Disorders</p> <p>National Specialist Commissioning Advisory Group (NSCAG) 2002</p> <p>Recurring annual funding</p> | £64,000 |
| 3 | <p>KK Nischal</p> <p>National Specialist Commissioning Advisory Group (NSCAG) 2004</p> <p>Recurrent annual funding</p> | £27,000 |
| 4 | <p>KK Nischal, A Martinez, J Mellerio</p> <p>Ocular phenotype in Epidermolysis Bullosa</p> <p>Dystrophic Epidermolysis Bullosa Research Association 2005</p> | £47,000 |
| 5 | <p>KK Nischal, C Tuleu, O Rabiou, R Sekhri, W Van't Hoff</p> <p>Development of cysteamine gel for patients with cystinosis</p> <p>Cystinosis Research Network USA 2006</p> | £103,000 |

AWARDS, PRIZES

1. **1995** Royal Eye Hospital, London **Poster Prize** at the Annual Congress of the Royal College of Ophthalmologists
2. **1997 Keeler Scholarship 1997- 1998**
3. **2005** World Cornea Congress V. April 14-15 th 2005, Washington DC.
Honourable Mention for Poster: Amniotic Membrane Transplant in Children with Symblepharon and Massive Corneal Pannus

PROFESSIONAL BODIES

- British Medical Association
- Royal Society of Medicine
- Foundation of Science and Technology
- AAO (American Academy of Ophthalmology)
- AAPOS (American Assoc. of Pediatric Ophthalmology and Strabismus)
- EPOS (European Paediatric Ophthalmology Society)

PUBLICATIONS

PEER REVIEWED PAPERS

- I **K.K. Nischal**, P. Chumas, Sparrow O. Prolonged survival after atlanto-occipital dislocation: two case reports and review.
British Journal of Neurosurgery 1993; 7(6): 677-682
- 2a **K.K. Nischal**, W. Aclimandos
Bilateral symmetrical branch retinal artery occlusion
Journal of the Royal Society of Medicine. 88(7): 416P-417P, 1995
Jul. (presented as a poster at RSM Registrar's meeting 1993)
- 2b Author's Reply to letter
Journal of the Royal Society of Medicine 1995; 88
- 3 **K.K. Nischal**, J.N. James, J.J. Kanski
Proptosis precipitated by retinal detachment repair in a patient with occult Pituitary tumour. EYE. 9 (5): 647-9, 1995
(Presented as a poster at Annual Congress of the Royal College of Ophthalmologists 1994)

PEER REVIEWED PAPERS CONT'D

- 4 **K.K. Nischal**, J.N. James, J. McAllister
Use of dynamic ultrasound B-scan to detect retinal tears in spontaneous vitreous haemorrhage. EYE 1995 (4); 9: 502-506
(Presentation in Retinal Detachment Symposium at Annual Congress of the Royal College of Ophthalmologists 1994)
- 5 S, Beatty, **K.K. Nischal**, T. Gillow, P. McDonnell
DIY Enthusiasts; a new target group for safety awareness.
Journal of Health and Safety - November 1995

- 6 S. Beatty, **K. K. Nischal**, H. Jones, E.M. Eagling
The effect of applanation tonometry on mean corneal curvature
Journal of Cataract and Refractive Surgery. 22(7): 970-1,
1996 Sep.
- 7 M. Hingorani, **K.K. Nischal**, A. Davies, W. Aclimandos
Prostatic orbital metastases and the role of the ophthalmologist
British Journal of Urology. 78(4): 654-7, 1996 Oct
- 8 **K.K. Nischal**, M. Hingorani, A. Vivian, A. Baker, G. Mieli-Vergani,
A.C.Bird and W.A. Aclimandos. Optic Nerve Head Drusen- a New Sign
in Alagille's Syndrome. Ophthalmology. 104(1): 79-85, 1997
- 9 A. Assi, **K.K. Nischal**, J. Uddin, M. Thyveetil
Giant cell arteritis masquerading as squamous cell carcinoma
British Journal of Rheumatology. 36(9): 1023-5, 1997 Sep.
- 10 D. Byles, **K. K. Nischal**, and H. Cheng
Ectopia pupillae et lentis - a hypothesis revisited.
Ophthalmology. July 1998; 105(7): 1331-6
- 11 M. Hingorani, **K.K. Nischal**, A. Vivian, A. Baker, G. Mieli-Vergani, A.C.
Bird and W.A. Aclimandos. Ocular Abnormalities in Alagille's Syndrome.
Ophthalmology. Feb 1999; 106(2): 330-7
- 12 L. MacKeen, **K.K.Nischal**, W.C. Lam, A. V. Levin. High-frequency
ultrasonography findings in persistent hyperplastic primary vitreous.
J AAPOS. 2000 Aug; 4(4): 217-24.
- 13 N. Mungan, **K.K.Nischal**, L. MacKeen, E Heon
Ultrasound biomicroscopy of the eye in cystinosis
Arch Ophthalmol. 2000 Oct; 118(10): 1329-33.

PEER REVIEWED PAPERS CONT'D

- 14 Karia N, Doran J, Watson SL, **Nischal K**
Surgically induced necrotizing scleritis in a patient with ankylosing
spondylitis. J Cataract Refract Surg. 1999 Apr; 25(4): 597-600
- 15 Browning AC, Reck AC, Chisholm IH, **Nischal KK**.
Acute angle closure glaucoma presenting in a young patient after
administration of paroxetine.
Eye. 2000 Jun; 14 (3a): 406-8.
- 16 Cassidy L, Rahi J, **Nischal K**, Russell-Eggitt I, Taylor D.

- Outcome of lens aspiration and intraocular lens implantation in children aged 5 years and under. *Br J Ophthalmol.* 2001 May; 85(5): 540-2
- 17 Taylor D, Wright KW, Amaya L, Cassidy L, **Nischal K**, Russell-Eggitt I. Should we aggressively treat unilateral congenital cataracts?: View 1. *British Journal of Ophthalmology.* Vol. 85(9) (pp. 1120-1125), 2001.
- 18 Clinicopathologic correlation of congenital corneal opacification using ultrasound biomicroscopy. **KK Nischal**, J Naor, V. Jay, LD MacKeen, DS Rootman. *Br J Ophthalmol* 2002;86: 62-69
- 19 Westall CA, Dhaliwal HS, Panton CM, Sigesmund D, Levin AV, **Nischal KK**, Heon E. Values of electroretinogram responses according to axial length. *Documenta Ophthalmologica.* Vol. 102(2) (pp. 115-130), 2001
- 20 L Amaya, D Taylor, I Russell-Eggitt, **KK Nischal**. Phacoaspiration not phacoemulsification for paediatric cataract extraction. (Letter). *J Cat Refr Surgery* 2001;27(10) :
- 21 Kushner BJ, Stevens JL, **Nischal KK**, Karr DJ, Davis JS, Christiansen SP, Brown SM. Grand Rounds #65: a case of a left hypertropia which decreases markedly in both upgaze and downgaze. *Binocul Vis Strabismus Q.* 2002 Spring;17(1):36-42
- 22 **Nischal KK**. Two-incision push-pull capsulorhexis for pediatric cataract surgery. *J Cataract Refract Surg.* 2002 Apr; 28(4):593-5
- 23 **Nischal KK**. Ocular Aspects of Craniofacial Disorders. The John Pratt Johnson Lecture 2001. *American Orthoptic Journal*; 52: 58-68
- 24 Ong T, Chia A, **Nischal KK**. Efficacy of Latanoprost in Portwine Stain Related Paediatric Glaucoma. *Br J Ophthalmol.* 2003 Sep;87(9):1091-3.

PEER REVIEWED PAPERS CONT'D

- 25 Khan S, **Nischal KK**, Dean F, Hayward R, Walker J. Visual Morbidity in Craniosynostoses – review of 141 cases. *Br J Ophthalmol.* 2003 Aug;87(8):999-1003.
- 26 Morris S, Geh V, Ahmed, **Nischal KK**. Metabolic Acidosis and Topical Dorzolamide 2%. *Br J Ophthalmol.* 2003 Aug;87(8):1052-3
- 27 Rattigan S, **Nischal KK**. Foster Modification of Knapp Procedure for Anomalous Superior Rectus Muscles in Craniosynostoses.

J AAPOS. 2003 Aug;7(4):279-82

- 28 Liasis A, Dorothy Thompson, Hayward R, **Nischal KK**. Sustained raised intracranial pressure implicated only by pattern reversal visual evoked potentials after cranial vault expansion surgery. *Pediatr Neurosurg*. 2003 Aug;39(2):75-80.
- 29 Luis Amaya MD, David Taylor FRCOph Isabelle Russell-Eggitt FRCOph, **Ken K. Nischal** FRCOph and Dora Lengyel MD . The Morphology and Natural History of Childhood Cataracts. *Survey of Ophthalmology* Volume 48, Issue 2 , March-April 2003, Pages 125-144
- 30 Mungan NK, Wilson TW, **Nischal KK**, Koren G, Levin AV. Hypotension and bradycardia in infants after the use of topical brimonidine and beta-blockers. *J AAPOS*. 2003 Feb;7(1):69-70
- 31 Speedwell L., Stanton F., **Nischal KK**. Informing parents of visually impaired children: who should do it and when? *Child: Care, Health and Development*. 29,3,219-224.
- 32 al-Khaier A, **Nischal KK**. The eye in metabolic disease. *Hosp Med*. 2003 Oct;64(10):609-12.
- 33 **Nischal KK**. Pediatric Keratoplasty. *Techniques in Ophthalmol*. 2003. 1(2):119-126
- 34 Vishwanath M, **Nischal KK**, Carr L. Juvenile Myasthenia Gravis Mimicking Recurrent VI Nerve Palsy of Childhood. *Archives of Diseases in Childhood* 2004. 89(1): 90
- 35 Bowman RJ, Cope J, **Nischal KK**. Ocular and systemic side effects of brimonidine 0.2% eye drops (Alphagan((R))) in children. *Eye*. 2004 Jan;18(1):24-6.

PEER REVIEWED PAPERS CONT'D

- 36 Indelman M, Hamel CP, Bergman R, **Nischal KK**, Thompson D, Surget MO, Ramon M, Ganthos H, Miller B, Richard G, Lurie R, Leibur R, Russell-Eggitt I, Sprecher E. Phenotypic diversity and mutation spectrum in hypotrichosis with juvenile macular dystrophy. *J Invest Dermatol*. 2003 Nov;121(5):1217-20.
- 37 Clement R., **Nischal KK**. Simulation of oculomotility in Craniosynostosis patients. *Strabismus*. 2003 Dec; 11(4): 239-42.

- 38 Bowman RJ, Patel K, Harper J, **Nischal KK**. An Ultrasound Based Classification of Peri-ocular Haemangiomas. *Br J Ophthalmol*. 2004 Nov;88(11):1419-21.
- 39 Crow YJ, Massey RF, Innes JR, Pairaudeau PW, Rowland Hill CA, Woods CG, Ali M, Livingston JH, Lebon P, **Nischall K**, McEntagart M, Hindocha N, Winter RM. Congenital glaucoma and brain stem atrophy as features of Aicardi-Goutières syndrome. *Am J Med Genet*. 2004 Sep 1;129A(3):303-7.
- 40 Ioannidis A, Davies G, Veys P, **Nischal KK**. Chickenpox Keratitis in a Child with Severe Combined Immunodeficiency; A Case of Immune Recovery Disease. *Br J Ophthalmol* 2004; 88: 1601-1602
- 41 Ioannidis A, Speedwell L, **Nischal KK**. Keratoconus in a child with chronic rubbing. *Am J Ophthalmol*. Vol 139/2 pp 356-357
- 42 Pinches E, Thompson D, Noordeen H, **Nischal KK**. Cranial Nerve Injury Following Halo Traction in Children. *J AAPOS*. 2004 Dec;8(6):580-5.
- 43 Vishwanath MR, Taylor DSI, Thompson DA, **Nischal KK**. Achiasmia – a Review. *Brainchild* 2004.5(1):10-13
- 44 Hill VA, **Nischal KK**, Collin JR, Harper JI. An unusual ectodermal dysplasia with unique eye defects. *Br J Dermatol*. 2005 Feb;152(2):365-7.
- 45 Liasis A., **Nischal K.K.**, Leighton S., Yap S., Hayward R., Dunaway, D. Adenoid-tonsillectomy to treat visual dysfunction in a child with craniosynostosis" *Pediatric Neurosurgery*, Vol. 41, No. 4, pp 197 - 200 , 2005
- 46 Ioannidis AS, Liasis A, Syed S, Harper J, **Nischal KK**. The value of visual evoked potentials in the evaluation of periorbital hemangiomas. *Am J Ophthalmol*. 2005 Aug;140(2):314-6.

PEER REVIEWED PAPERS CONT'D

- 47 Dansingani K, Al-Khaier A, Russell-Eggitt IM, **Nischal KK**. Intrastromal Corneal Bleb; An Unusual Complication following Trabeculectomy for Congenital Glaucoma. Management of Intracorneal Bleb After Trabeculectomy for Congenital Glaucoma. *Cornea*. 2005 May;24(4):486-488.
- 48 DeSilva J, **Nischal KK**, Packard RB. Preoperative assessment of secondary intraocular lens implantation for aphakia: A comparison of 2 techniques *J Cat Refr Surg* 2005 31(7):1351-1356

- 49 Sami DA, Saunders D, Thompson DA, Russell-Eggitt IM, **Nischal KK**, Jeffrey G, Dattani M, Clement RA, Liasis A, Taylor DS. The achiasmia spectrum: congenitally reduced chiasmal decussation. *Br J Ophthalmol*. 2005 Oct;89(10):1311-7
- 50 Ioannidis A, Liasis A, Sheldrick J, Snead M, **Nischal KK**. Lamellar macular hole as the presenting feature in a child with Coats' disease. *J Pediatr Ophthalmol Strabismus*. 2005 Nov-Dec;42(6):378-9.
- 51 Khan SH, Britto JA, Evans RD, **Nischal KK**. Expression of FGFR-2 and FGFR-3 in the normal human fetal orbit. *Br J Ophthalmol*. 2005 Dec;89(12):1643-5.
- 52 Cleary G, **Nischal KK**, Jones CA. Penetrating orbital trauma by stiletto causing complex cranial neuropathies. *Emerg Med J*. 2006 Apr;23(4):e28.
- 53 Thompson DA, Liasis A, Hardy S, Hagan R, Hayward RD, Evans RD, **Nischal KK**. Prevalence of Abnormal Pattern Reversal Visual Evoked Potentials in Craniosynostosis. *Plast Reconstr Surg*. 2006 Jul;118(1):184-192.
- 54 Hamada S, Low S, Walters BC, **Nischal KK**. Five-year experience of the 2-incision push-pull technique for anterior and posterior capsulorrhexis in pediatric cataract surgery. *Ophthalmology*. 2006 Aug;113(8):1309-14.
- 55 Alki Liasis; **Ken K. Nischal**; Bronwen Walters; Dorothy Thompson; Sharon Hardy; Anthony Towell; David Dunaway; Barry Jones; Robert Evans; Richard Hayward. Monitoring Visual Function in Children With Syndromic Craniosynostosis: A Comparison of 3 Methods *Arch Ophthalmol*. 2006;124:1119-1126.

PEER REVIEWED PAPERS CONT'D

- 56 Raina Goyal, FRCS; Sophie M. Jones, MRCSEd, MRCOphth; Marcela Espinosa, FRCS; Vanessa Green, RGN; **Ken K. Nischal**, FRCOphth. Amniotic Membrane Transplantation in Children With Symblepharon and Massive Pannus *Arch Ophthalmol*. 2006;124:1435-1440
- 57 Mezer E, **Nischal KK**, Nahjawan N, Mackeen LD, Buncic JR. Hemifacial spasm as the initial manifestation of childhood cerebellar astrocytoma.. *J AAPOS*. 2006 Oct;10(5):489-90.

- 58 Strauss RM, Bate J, **Nischal KK**, Clayton T, Gooi J, Darling JC, Newton-Bishop JA. A child with laryngo-onychocutaneous syndrome partially responsive to treatment with thalidomide. *Br J Dermatol*. 2006 Dec;155(6):1283-1286.
- 59 Moore W, **Nischal KK**. Pharmacologic management of glaucoma in childhood. *Paediatr Drugs*. 2007;9(2):71-9.
- 60 Geh JL, Geh VS, Jemec B, Liasis A, Harper J, **Nischal KK**, Dunaway D. Surgical treatment of periocular hemangiomas: a single-center experience. *Plast Reconstr Surg*. 2007 Apr 15;119(5):1553-62.

NON PEER-REVIEWED PAPERS

- 1 Uveitis in Juvenile Rheumatoid Arthritis. *Canadian J Rheumatology* Spring 1999
- 2 Goniotomy. MORinformation- Family Association of Children with Congenital Glaucoma (Canada) 1999
- 3 Ultrasound in the Child's Eye. *BMUS* August 2001

BOOKS

- 1 J.J.Kanski, K.K. Nischal.
PICTURE TESTS IN OPHTHALMOLOGY
Churchill Livingstone 1994
- 2 J.J. Kanski, K.K. Nischal
CLINICAL OPHTHALMOLOGY - A TEST YOURSELF ATLAS
Butterworth-Heinemann 1995
- 3 J.J. Kanski, K.K.Nischal.
OPHTHALMOLOGY – SIGNS AND DIFFERENTIAL DIAGNOSIS
Mosby 1998

CHAPTERS

- 1 K.K. Nischal, J. S. Elston
Ophthalmic Care : Advanced Trauma Care
BMJ Publishing 1999
- 2 K.K.Nischal

- Ultrasound of the Eye: Key Topics in Ophthalmology** 2nd Ed. RH Taylor et al
BIOS Publishing 2001
- 3 K.K. Nischal
Iris Abnormalities: Pediatric Ophthalmology and Strabismus 2nd Ed. Wright
and Spiegel Ed. Springer Verlag Publishing 2002
- 4 K.K. Nischal
Corneal Abnormalities
Pediatric Ophthalmology and Strabismus 2nd Ed. Wright and Spiegel Ed
Springer Verlag Publishing 2002
- 5 K.K.Nischal
Developmental anomalies of the anterior segment and globe
Pediatric Ophthalmology and Strabismus 2nd Ed. Wright and Spiegel Ed
Springer Verlag Publishing 2002
- 6 K.K.Nischal
Paediatric Ophthalmology
Great Ormond St Hospital Handbook of Pediatric Medicine in Press
- 7 KK Nischal
Ocular Ultrasound
Pediatric Ophthalmology and Strabismus 2004
Elsevier ; Eds. Taylor DSI and Hoyt C
- 8 KK Nischal , J Sowden
Anterior Segment Developmental Anomalies
Pediatric Ophthalmology and Strabismus 2004
Elsevier; Eds. Taylor DSI and Hoyt C
- 9 KK Nischal
Ocular Features of Craniosynostoses in The Clinical Management of
Craniosynostosis. Clinics in Developmental Medicine (Mac Keith Press) 2004
Eds. Hayward R, Jones B, Dunaway D, Evans R
- 10 R Hayward, KK Nischal
Raised Intracranial Pressure in The Clinical Management of
Craniosynostosis. Clinics in Developmental Medicine (Mac Keith Press) 2004
Eds. Hayward R, Jones B, Dunaway D, Evans R

INVITED SPEAKER PAPERS

- 1 Emmetropisation
British Chapter of the American Academy of Optometrists, Oxford 1995

- 2 Extraocular movements in Craniofacial disorders
Paediatric study day - Children's Hospital, Warsaw. Poland. March 1997
- 3 Prediction of post-op diplopia in the management of unilateral traumatic
cataract.
UKISCRS (United Kingdom and Ireland Society of Cataract and
Refractive Surgeons) Chester 1997
- 4 Paediatric Glaucomas
Royal College of Ophthalmologists Seminar: The Secondary Glaucomas
Sept 25th 1998
- 5 Ocular Features of Moebius Syndrome
International Moebius Conference
Toronto
August 1998
- 6 Uveitis in Children
British Council Course for Paediatric Ophthalmologists. Sept. 21st 1998
- 7 Craniosynostoses and facial development
Genes and Development
Royal Society of Medicine
London March 1999
- 8 Paediatric Cataract Surgery
Leeds Symposium on Cataract Surgery
November 1999
- 9 Ophthalmic Aspects of Craniofacial Disorders
Paediatric Ophthalmology and Strabismus Meeting
London Jan 2000
- 10 Ocular Ultrasound
Polish Vitreoretinal Meeting
Posnan Apr 1999

INVITED SPEAKER PAPERS CONT'D

- 11 Assessment of Strabismus
Paediatric Ophthalmology Meeting
Warsaw May 1999
- 12 Nystagmus
Oxford Motility Day

Oxford Eye Hospital October 1999

- 13 Practical Paediatric Neurology
Institute of Child Health
November 1999, 2000
- 14 Congenital Corneal Opacification
British Orthoptic Society Meeting
November 1999
- 15 Difficult Paediatric Ophthalmology Problems
AAPOS Meeting, San Diego April 2000
- 16 Capillary Haemangiomas and Laser Treatment
Institute of Child Health
Nov 2000 ‘ Management of periocular haemangiomas ‘
- 17 Ophthalmic Society of Pakistan and Lahore Ophthalmology
Joint Meeting Nov 2000. **Visiting Professor**
‘ Diagnosis of Paediatric Glaucoma ‘
‘ Surgical Techniques in Paediatric Glaucoma ‘
‘ Surgical Aspects of Paediatric Cataract Management ‘
- 18 SouthEast London Regional Study Day
Nov 2000 King’s College Hospital, London
Management of Periocular Haemangiomas
- 19 Cornelia de Lange Syndrome Convention
The Wirral June 2000
‘ Ophthalmic Aspects of CdLS ‘
- 20 Congenital Corneal Opacification
Nottingham University Regional Study Day
April 2000
- 21 Surgical Aspects of Paediatric Glaucoma
North West Thames Regional Study Day
December 2000

INVITED SPEAKER PAPERS CONT’D

- 22 Cystinosis Foundation
Birmingham June 2000 ‘ Ophthalmic Aspects of Cystinosis ‘
- 23 Strabismus in Craniofacial Disorders
Royal Society of Medicine

Strabismus Meeting 14th Dec 2000

- 24 Clinico-pathologic correlation of Congenital Corneal Opacification
Bowman Club
Liverpool 2001
- 25 Visual Problems in Deaf Children
Cochlear Implants Update for Professionals May 2001
Institute of child Health
- 26 **John Pratt Johnson Lecture**
Ocular Aspects of Craniosynostoses
The Canadian Orthoptic Society
Canadian Ophthalmic Society Meeting
Toronto 2001
- 27 Current Concepts – Management of Peri-ocular haemangioma
Canadian Ophthalmic Society Meeting
Toronto 2001
- 28 Management of Paediatric and Neonatal Lens Implantation
Canadian Association of Paediatric Ophthalmologists
Canadian Ophthalmic Society Meeting
Toronto 2001
- 29 Emmetropisation
The Canadian Orthoptic Society
Canadian Ophthalmic Society Meeting
Toronto 2001
- 30 Cataract Through The Ages
Canadian Ophthalmic Personnel Course
Canadian Ophthalmic Society Meeting
Toronto 2001
- 31 The Eye in Epidermolysis Bullosa
Scandinavian EB Meeting, Oslo Norway
April 2002

INVITED SPEAKER PAPERS CONT'D

- 32 Paediatric Keratoplasty
Manchester Eye Hospital May 2002
- 33 Surgical Techniques in Paediatric Cataract Surgery
Oxford Congress July 2002
- 34 When to do what for Periocular Haemangiomas

Children's Eye Group meeting
ICH, London July 2002

- 35 **Visiting Professor**
Pediatric Ophthalmology Day
St Justine Hospital, Montreal Nov 2002
- 36 Advances in Paediatric Anterior Segment Surgery
Catalunya Ophthalmological Society Meeting
Barcelona Nov 2002
- 37 Pediatric Cataract Surgery
Cardiff Eye Unit June 2003
- 38 Corneal Grafting in MPS
MPS society
June 2003
- 39 Clinical Mediators to Alter Amblyopia
9th International Paediatric Ophthalmology Meeting
September 2003, Dublin.
- 40 Superior Rectus and Lateral Rectus Myopexy for High Myopia Related
Esotropia .
9th International Paediatric Ophthalmology Meeting
September 2003, Dublin
- 41 Congenital Glaucoma
22nd New Perspectives in Ophthalmology
September 2003. Belfry.
- 42 Management Protocol for Periocular Haemangiomas
International Pediatric Ophthalmology and Strabismus Conference
Anaheim November 2003
- 43 Moderator – Session IV. Cataracts/Glaucoma
International Pediatric Ophthalmology and Strabismus Conference
Anaheim November 2003
- INVITED SPEAKER PAPERS CONT'D**
- 44 The Eye in Craniosynostoses
Headlines Conference
Coventry May 2004
- 45 The Eye in Cystinosis
CLIMB conference
Newbury May 2004

- 46 The Eye in epidermolysis Bullosa
DEBRA conference
Stoke-on-Trent May 2004
- 47 Grand Rounds
Belfast Orthoptic Meeting
September 2004
- 48 High Frequency Ultrasound in Paediatric Ophthalmology
37th Panhellenic Ophthalmological Congress 9-13th June 2004
- 49 Paediatric Cataract Surgery
South Coast Teaching /Training Day
Brighton June 2004
- 50 Superior Rectus and Lateral Rectus Myopexy for High-Myopia Related
Esotropia. 'Hot Topics in Paediatric Ophthalmology' RANZCO /AAPOS
session , at the RANZCO meeting Melbourne Nov 2004
- 51 Ocular Pathology in Craniosynostoses
Craniofacial Disorder Symposium, International Orthoptic Congress
Melbourne Nov 2004
- 52 **Visiting Professor**
Paediatric Cataract Surgery : Preoperative Evaluation and Surgical
Techniques. Philippine Academy of Ophthalmology Meeting
Manila Nov 2004
- 53 Paediatric Glaucoma: Filtration Surgery in Children.
Philippine Academy of Ophthalmology Meeting
Manila Nov 2004
- 54 Paediatric Penetrating Keratoplasty Techniques. Philippine Academy of
Ophthalmology Meeting
Manila Nov 2004

INVITED SPEAKER PAPERS CONT'D

- 55 Complex Strabismus: Surgical Techniques. Philippine Academy of
Ophthalmology Meeting
Manila Nov 2004
- 56 Neuro-ophthalmology: Visual Loss in Craniosynostoses
Philippine Academy of Ophthalmology Meeting
Manila Nov 2004

- 57 Paediatric Cataract Surgery Symposium
Asia Pacific Academy of Ophthalmology
March 2005. Kuala Lumpur
- 58 Anterior Segment Diseases in Children
Asia Pacific Academy of Ophthalmology
March 2005. Kuala Lumpur
- 59 Paediatric Cataract Surgery Instruction Course
Asia Pacific Academy of Ophthalmology
March 2005. Kuala Lumpur
- 60 Paediatric Glaucoma Instruction Course
Asia Pacific Academy of Ophthalmology
March 2005. Kuala Lumpur
- 61 Visiting Professor**
Kellogg's Eye Centre
University of Michigan
Ann Arbor, Michigan. March 2005
- 62 Paediatric Cataract Surgery Panel
Jack Crawford Day
Hospital for Sick Children, Toronto. March 2005
- 63 Paediatric Cataract Instruction Course
American Association of Paediatric Ophthalmology and Strabismus
Orlando March 2005
- 64 ECLOSA/MCLOSA Meeting London 23-26th June 2005
Interactive Head to Head Debate : Pediatric Refractive Correction.
Intraocular lenses
- 65 **Visiting Professor**
Peking Eye University, Beijing, China
September 2005
- INVITED SPEAKER PAPERS CONT'D**
- 66 Pediatric Subspecialty Day **AAO**
Two Incision Push-Pull Rhexis for Pediatric Cataract Surgery
Nov 2005.
- 67 **World Ophthalmology Congress February 2006**
i. Pediatric Cataract Surgery Symposium : Anterior Capsulotomy
Techniques

- ii. Pediatric Glaucoma Symposium: Goniotomy
- iii. AAPOS symposium: Pediatric Penetrating Keratoplasty
- iv. EPOS symposium : Surgical Aspects of Pediatric Glaucoma

- 68 Midland Ophthalmic Society Meeting
Common Pediatric External Disease Problems
June 2006
- 69 Frimley Park Hospital Pediatric Ophthalmology Study Day
HFU in Pediatric Ophthalmology
September 2006
- 70 Pediatric Glaucoma Surgery
HFU in Pediatric Ophthalmology
Turkish Ophthalmological Society
Antalya October 2006
- 71 Visual Morbidity in Children with Blepharokeratoconjunctivitis
Pediatric Ophthalmology Subspecialty Day
Pre-AAO Meeting
Las Vegas Nov. 2006
- 72 **Visiting Professor**
Children's Hospital of Philadelphia
December 2006
- 73 National Omani Congress of Ophthalmology 2007
March 2007
- 74

EPPONYMOUS LECTURES

- 1 John Pratt Johnson Lecture**
Ocular Aspects of Craniosynostoses
The Canadian Orthoptic Society
Canadian Ophthalmic Society Meeting
Toronto 2001

LECTURES ON COURSES

- 1 Institute of Child Health: MRCP Course. Paediatric Ophthalmology
May 1999,2000
- 2 Institute of Child Health : Practical Paediatric Neurology
January 2000,2001
- 3 Institute of Optometry, City University – MSc in Profound Learning Difficulties
April 2002
- 4 Birmingham Ophthalmic Nurses Course- Surgical Aspects of Paediatric
Ophthalmology. November 2001
- 5 American Association of Certified Orthoptists Course. AAO New Orleans Nov
2001. Ophthalmic Features of the Craniosynostoses
- 6 American Academy of Ophthalmology. Pediatric Neuro-ophthalmology Course.
New Orleans November 2001
- 7 Institute of Child Health – Paediatric Ophthalmology and Strabismus Modules
2 Day Course. **Course Founder and Co-Organiser**
1999,2000,2001,20002,2003,2004
- 8 Institute of Child Health – Hot Topics in Paediatrics
The World through the Child’s Eyes Nov 2002
- 9 Royal College of Ophthalmologists Higher Surgical Study Days
Pediatric Cataract Surgery
The Child Who Appears not to See
July 2004,2005,2006
- 10 AAPOS WORKSHOPS**
2004,2005,2006 Controversies in Pediatric Cataract Surgery
2003 Pediatric Corneal and External Diseases
2006 Pediatric Glaucomas
2007 The eye in metabolic disease
- 11 AAO WORKSHOPS**
2002,2005 Pediatric Neuroophthalmology
2004 Pediatric Glaucomas
- 12 ESCRS**
2006,2007 Pediatric keratoplasty
2006 HSV infection in children

REVIEWER FOR FOLLOWING JOURNALS

1	EYE	1999-2007
2	British Journal of Ophthalmology	2000-2007
3	Clinical Dysmorphology	2000-2002
4	Journal of AAPOS	2002-2003
5	Lancet	2000
6	Investigative Ophthalmology and Visual Science	2001
7	American Orthoptic Journal	2004,2006,2007
8	American Journal of Ophthalmology	2004,2006,2007
9	International Ophthalmology	2007
10	Clinical And Experimental Ophthalmology	2006,2007
11	Ophthalmic Genetics	2006

TEACHING

My role as fellowship director allows me to teach both resident level and fellow level doctors. There is a fellowship education program which involves orthoptics, electrophysiology and my colleagues. There are fellows' nights for informal discussion about one subject, regular journal clubs and Socratic style teaching seminars with weekly grand rounds.

Teaching is also done for paediatricians and for nursing staff

ORBIS

I have been privileged to be involved with ORBIS since December 2003

I found teaching the local faculty extremely challenging and very satisfying. I am committed to the vision of Dr Helveston as regards telemedicine and its use as an educator.

December 2004 Hospital Based Programme in Kunming , China.

October 2005 Hospital Based Programme in Atushi, China

September 2006 Hospital Based Programme in Wuhan, China

PROFESSIONAL RESPONSIBILITIES

- 1 **International Member of the Editorial Board** of the American Orthoptic Journal
- 2 Member of the **Scientific Advisory Committee** of the International Cornelia de Lange Foundation
- 3 Member of the **Scientific Advisory Committee** of the Cystinosis Foundation
- 4 **Unit Training Supervisor, Dept. of Ophthalmology**, Great Ormond St. Hospital for Children, London, England

PROFESSIONAL RESPONSIBILITIES CONT'D

- 5 **Fellowship Director, Dept. of Ophthalmology**, Great Ormond St. Hospital for Children, London, England
- 6 **BEES Committee Representative for Medicine/ Urology Directorate** , Great Ormond St. Hospital for Children, London, England
- 7 **Member of the Council of the Section of Ophthalmology, Royal Society of Medicine**
- 8 **Vice Chairman of the Standing Medical Advisory Committee to the Department of Health, Government of the United Kingdom**
This has been one of the most satisfying non-clinical activities that I have had the privilege to undertake and participate in. Our advice is communicated directly to the Minister for Health. The subjects are varied but of great interest recently has been advice regarding the unlicensed use of medication for the paediatric population.
- 9 **Member of the Ocular Tissues Standards and Audit Group**
- 10 **College Tutor**
- 11 **Consultation Advisor for Section on Craniopharyngioma in 'Paediatric Endocrine Tumours Ed. Helen Spoudeas. Oct 2005.UKCCSG and BSPED**

**12 Lead, Dept. of Clinical and Academic Ophthalmology, Great Ormond St
Hospital for Children**

OTHER INTERESTS

I enjoy live music immensely and golf has superceded squash as my favourite sport. Although I do not speak any African languages I have developed a great enthusiasm for African music especially from Mali, Senegal, the Ivory Coast and South Africa. I also enjoy a game of Charom (oriental game similar to billiards but played with discs on a specially constructed board).