

Curriculum Vitae

2024

Miss. Pari N. Shams

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I. Educational and Professional History

A. Education and professional qualifications

INSTITUTION AND LOCATION	DEGREE	YEAR	Field of study
Guys Hospital University of London	Bachelor of Science With First Class Honors	1996	Developmental neurobiology
United Medical and Dental Schools of Guys and St Thomas' Hospital. University of London	MBBS	1999	Distinction in Medicine, Surgery and clinical Pharmacology
Royal College of Physicians, London	Membership MRCP	2002	General Medicine
Royal College of Ophthalmologists, London	Membership MRCOphth	2005	Ophthalmology
Royal College of Ophthalmologists, London	Fellowship FRCOphth	2011	Ophthalmology

Licensures

General Medical Council: 4638829

Certifications

ECFMG 0-584-193-7

Child Protection 2020

Basic Life Support 2020

Professional memberships

British Oculoplastic Surgery Society 2014- current

American Society of Ophthalmic Plastic and Reconstructive Surgeons 2015- current

European Society of Ophthalmic Plastic and Reconstructive Surgeons 2018- current

Royal College of Ophthalmologists 2005- current

Royal College of Physicians 2002

Medical Defense Union 1999-2019

MPI Group (Medical Professional Indemnity Group) 2019- current

B. Employment History

- 08.2014-current **Moorfields Eye Hospital, London, U.K.**
 Consultant Ophthalmologist and Oculoplastic Surgeon
 Moorfields at St Georges Hospital and Croydon University Hospital
- 08.2014-06.2018 Educational supervisor and College Tutor at Moorfields at Croydon University Hospital

Fellowship training

- 09.2013- 08.2014 **University of Iowa Hospitals and Clinics, Iowa City, U.S.A.**
 Oculoplastics, Orbital and Oncology fellow
 Dr. R.C Allen, Dr. K. Carter and Dr. E. Shriver
- 03.2013 - 08.2013 **Chelsea and Westminster Hospital, London, U.K**
 Oculoplastic and Craniofacial surgery Fellow
 Mr. N. Joshi, Mr. N. Kirkpatrick, Mr. R. Young, Mr. W. Grant, Mr. S. Eccles
- 02.2012 - 01.2013 **South Australian Institute of Ophthalmology, Adelaide, Australia.**
 Oculoplastic & Adnexal Surgery Fellow
 Professor D. Selva, Dr. G. Davis and Dr. J. Muecke
- 08.2011 - 01.2012 **University of British Columbia, Vancouver, Canada.**
 Oculoplastic & Adnexal Surgery Fellow
 Dr. P.J. Dolman

Advanced sub-specialty training opportunity (ASTO)

- 08.2010 - 07.2011 **Maidstone and Tunbridge Wells Hospitals, Kent, UK.**
 Oculoplastic & Adnexal Surgery ASTO
 Miss C.A. Jones and Mr. N. Rowson

London (North Thames) Specialty School of Ophthalmology

- 08.2009 – 07.2010 **Moorfields Eye Hospital, London, UK.**
 Specialist registrar year 4
 Mr. J.M. Uddin, Professor R.O. Collin, Miss S. Morris
- 08.2008 – 07.2009 **Royal Free Hospital, London, UK.**
 Specialist registrar year 3
 Mr. J. Jagger, Mr. H. Henderson, Mr. B. Little, Mr. T. Fallon
- 05.2007-08.2008 **Essex County Hospital, Colchester, UK**
 Specialist registrar year 2

Mr. A Beckingsale, Miss P. Gormley, Mr. J. Sheldrick

03.2006 - 04.2007

Moorfields Eye Hospital, London, UK.

Specialist registrar year 1

Mr. J. Brookes, Mr. P.J. Foster, Mr. P. Sullivan, Mr. G.W. Aylward, Miss G. Adams

The Western Eye Ophthalmology senior House Officer training rotation

05.2005 - 02.2006

Central Middlesex Hospital, London, UK.

Ophthalmic Senior House Officer year 4

Mr. T. Fallon, Miss G. Vafidis, Miss V Lee, Mr. S. Levy

05.2004 - 04.2005

Chelsea and Westminster Hospital, London, UK

Ophthalmic Senior House Officer year 3

Mr. N. Davies, Mr. N. Joshi, Miss S. Mitchell

09.2003 - 04.2004

Western Eye Hospital, London, UK.

Ophthalmic Senior House Officer year 2

Miss J M Olver, Mrs. V. Ferguson

07.2003 - 08.2003

Hillingdon Hospital, London, UK.

Ophthalmic Senior House Officer year 1

Professor A. Fielder, Mr. P. Bloom, Mr. N. Lee

04.2003 - 06.2003

Central Middlesex Hospital, London, UK.

Ophthalmic Senior House Officer year 1

Mr. J. Joseph, Mr. C. Bentley, Miss J. Vafidis, Mr. T. Fallon

Other Ophthalmology positions

08.2002 - 03.2003

Kingston Hospital, London, UK.

Ophthalmic Senior House Officer year 1

Mr. S. Horgan, Miss C. Roberts, Mr. I. Gillespie

Medical training

11.2001 - 04.2002

University Hospital Lewisham, London, UK.

Medical Senior House Officer - Thoracic and Intensive Care

Dr. S. Sharma, Dr. P. Luce, Dr. C Barrera-Groba,

02.2001 - 08.2001

Hammersmith Hospital, London, UK.

Medical Senior House Officer - Renal Medicine

Professor C.D. Pusey, Dr. E. Lightstone

08.2000 - 01.2001

National Hospital for Neurology and Neurosurgery, London, UK.

Medical Senior House Officer - Neurology

Dr. G. Plant, Professor C.J. Mathias

- 02.2000 – 07.2000* **St Thomas’s Hospital, London, UK.**
 Medical House Physician - General, Thoracic Medicine and toxicology
 Dr. N. Bateman and Dr. G. Santis, Dr. A. Jones
- 08.1999 - 01.2000* **Guy’s Hospital, London, UK.**
 House Surgeon – Urology, General and Vascular surgery
 Mr. R. Tiptaft, Mr. T. Harrison, Mr. N. Aston

C. Honors, Awards, Recognitions, Outstanding Achievements

- 2009 First prize Allergan 2009 Fellowship award
- 2008 Best cataract surgery paper at the 2008 United Kingdom and Ireland Cataract and Refractive Surgeons Society Meeting. Sponsored by Spectrum Ophthalmics. Brighton. UK.
- 2007 First prize in the Alcon 2007 Glaucoma competition
- 2006 Best Lens and Optics poster at the 2006 Joint Meeting of the American Academy of Ophthalmology. Las Vegas, USA
- 2004 First Prize Oculoplastic case presentation at The XII Thames Oculo-plastic Group meeting, London. UK
- 1998 Medical School Travel Award- Hoechst Roussel Elective Bursary
- 1998 Beaney Prize for Obstetrics and Gynaecology
- 1996 First Class Honors in Bachelor of Science degree
- 1996 Roger-Warwick Prize for achievement in BSc. in Anatomy and Basic Medical Sciences
- 1995 B.Sc. Scholarship: Habberdasher’s Company Award
- 1993 Open pre-clinical Scholarship
- 1993 Old Boys’ Memorial Prize- Kingston Grammar School achievement award
- 1993 Kingston Grammar School prize for Biochemistry

Distinctions

- 1999 Medicine and surgery
- 1998 Clinical Pharmacology
- 1993 Head and Neck Anatomy

II. Scholarship and Professional productivity

A. Publications and Creative Works

Bachelor of Science thesis (PDF copy available)

“Increased retinal ganglion cell survival and neurite outgrowth in vitro through collaborative signaling by multiple neurotrophic factors and the extracellular matrix”. 1996 University of London. **Shams PN**, Cohen J.

Newspaper article

Shams PN. Front-line NHS staff need to be more involved. Daily Telegraph. 10 March 2010. <http://www.telegraph.co.uk/news/health/7407513/Front-line-NHS-staff-need-to-be-more-involved.html>

Peer reviewed Papers

1. **Shams PN**. High-Dose Oral Methylprednisolone for the Management of Severe Active Thyroid Eye Disease During the Coronavirus Disease 2019 Pandemic. *Ophthalmic Plast Reconstr Surg*. 2020 Jul/Aug;36(4):418-419.
2. Lenci LT, **Shams PN**, Shriver EM, Allen RC. Dermoid cysts: clinical predictors of complex lesions and surgical complications. *J AAPOS*. 2017 Feb;21(1):44-47.
3. **Shams PN**, Policeni B, Carter KD, Shriver E, Thurtell MJ. Bilateral septic cavernous sinus thrombosis, congestive orbitopathy, and ischemic optic neuropathy. *Can J Ophthalmol*. 2016 Apr;51(2):e75-7.
4. **Shams PN**, Pirbhai A and Selva D. A prospective outcome study of membranous and solid distal common canalicular obstructions. *Eye (Lond)*. 2016 Apr;30(4):621-6.
5. **Shams PN**, Wormald PJ, Selva D. Anatomical landmarks of the lateral nasal wall: implications for endonasal lacrimal surgery. *Curr Opin Ophthalmol*. 2015 Jul;26(5):408-15.
6. Luk SM, **Shams PN**, Joshi N. Fifteen year natural history of lower eyelid syringocystadenoma papilliferum in a young girl. *Cont Lens Anterior Eye*. 2015 Dec;38(6):466-7.
7. **Shams PN**, Verdick RE, Allen RC. In Vivo Demonstration of the Lacrimal Pump. *Ophthal Plast Reconstr Surg*. 2016 Jan-Feb;32(1):e25.
8. **Shams PN**, Bohman E, Baker MS, Maltry AC, Kopp ED, Allen RC. Chronic anophthalmic socket pain treated by implant removal and dermis fat graft. *Br J Ophthalmol*. 2015 Dec;99(12):1692-6.

9. Baker MS, **Shams PN**, Allen RC. The Quantitated Internal Suture Browpexy: Comparison of Two Brow-Lifting Techniques in Patients Undergoing Upper Blepharoplasty. *Ophthal Plast Reconstr Surg*. 2016 May-Jun;32(3):204-6.
10. **Shams PN**, Baker MS, Allen RC. Lateral Canthal Position Following Lateral Orbitotomy and the Influence of Ocular Proptosis. *Ophthal Plast Reconstr Surg*. 2016 Jan-Feb;32(1):53-7.
11. **Shams PN**, Selva D, et al. Upper Eyelid Retraction in the Anophthalmic Socket: Review and Survey of the Australian and New Zealand Society of Ophthalmic Plastic Surgeons (ANZSOPS). *Ophthal Plast Reconstr Surg*. 2014 Jul-Aug;30(4):309-12.
12. **Shams PN**, Chen PG, Wormald PJ, Sloan B, Wilcsek G, McNab A, Selva D. Management of Functional Epiphora in Patients With an Anatomically Patent Dacryocystorhinostomy. *JAMA Ophthalmol*. 2014 Sep;132(9):1127-32.
13. **Shams PN**, Ma R, Pickles T, Rootman J, Dolman PJ. Reduced risk of compressive optic neuropathy using orbital radiotherapy in patients with active thyroid eye disease. *Am J Ophthalmol*. 2014 Jun;157(6):1299-305.
14. **Shams PN**, Rasmussen SL, Dolman PJ. Adult-Onset Asthma Associated With Simultaneous Conjunctival, Eyelid, and Orbital Xanthogranulomatosis Responsive to Systemic Immunosuppression. *Ophthal Plast Reconstr Surg*. 2015 Nov-Dec;31(6):e162-3.
15. **Shams PN**, Cugati S, Wells T, Huilgol S, Selva D. Orbital Varix Thrombosis and Review of Orbital Vascular Anomalies in Blue Rubber Bleb Nevus Syndrome. *Ophthal Plast Reconstr Surg*. 2015 Jul-Aug;31(4):e82-6.
16. Watanabe A, **Shams PN**, Katori N, Kinoshita S, Selva D. Turn-over orbital septal flap and levator recession for upper-eyelid retraction secondary to thyroid eye disease. *Eye (Lond)*. 2013 Oct;27(10):1174-9.
17. **Shams PN**, Selva D. Acute post-operative rhinosinusitis following endonasal dacryocystorhinostomy. *Eye (Lond)*. 2013 Oct;27(10):1130-6.
18. **Shams PN**, Ortiz-Pérez S, Joshi N. Clinical anatomy of the periorbital region. *Facial Plast Surg*. 2013 Aug;29(4):255-63.
19. **Shams PN** and Selva D. An endoscopic endonasal approach to dacryocystectomy. *Orbit*. 2013 Apr;32(2):134-6.
20. **Shams PN** and Selva D. Traumatic sino-lacrimo-cutaneous fistula managed with endonasal dacryocystorhinostomy and anterior ethmoidectomy. *Arch Ophthalmol*. 2012 Oct 1;130(10):1311-3.
21. Smith HB, Jyothi SB, Mahroo OA, **Shams PN**, Sira M, Dey S, Adewoyin T, Cheung VT, Jones CA. Patient-reported benefit from oculoplastic surgery. *Eye (Lond)*. 2012 Nov;26(11):1418-23.

22. **Shams PN**, Abed SF, Shen S, Adds PJ, Uddin JM. A cadaveric study of the morphometric relationships and bony composition of the Caucasian nasolacrimal fossa. *Orbit*. 2012 Jun;31(3):159-61.
23. Abed SF, **Shams P**, Shen S, Adds PJ, Uddin JM, Manisali M. A Cadaveric Study of the Cranio-orbital Foramen and Its Significance in Orbital Surgery. *Plast Reconstr Surg*. 2012 Feb;129(2):307e-11e.
24. **Shams PN**, Beckingsale AB, Sheldrick JH, Rose GE. An unusual eyelid lump: unsuspected embedded contact lens for up to 40 years. Two cases and literature review. *Eye (Lond)*. 2011 Oct;25(10):1371-3.
25. **Shams PN** and Foster PJ. Clinical outcomes following lens extraction for visually significant cataract in eyes with primary angle closure. *J Glaucoma*. 2012 Oct;21(8):545-50

Comment on this paper: Stewart A. Lens Extraction for Advanced PAC. *Glaucoma Report*. EyeNet magazine. 2013 Jan:3-4.
26. Abed SF, **Shams PN**, Shen S, Adds PJ, Uddin JM. A cadaveric study of ethmoidal foramina variation and its surgical significance in Caucasians. *Br J Ophthalmol*. 2012 Jan;96(1):118-21.
27. Abed S F, **Shams PN**, Shen P, Adds P, and Uddin JM. Morphometric and geometric anatomy of the Caucasian orbital floor. *Orbit*. 2011 Oct;30(5):214-20. Epub 2011 Aug 3.
28. **Shams PN** and Plant GT. Migrainous visual aura due to focal cerebral lesions. Can the diagnosis be made on the semiology of attacks? Nine case reports and review of the literature. *Survey of Ophthalmology* 2011 Mar-Apr;56(2):135-61.
29. Abed SF, **Shams P**, Shen S, Adds PJ, Uddin JM. A cadaveric study of the morphometric and geometric relationships of the orbital apex. *Orbit*. 2011 Mar;30(2):72-6.
30. **Shams PN**, Bremner FD, Smith SE (Deceased), Plant GT and Matthews TD. Unilateral light-near dissociation in lesions of the rostral midbrain. *Arch Ophthalmol*. 2010 Nov;128(11):1486-9.
31. **Shams PN** and Plant GT. Optic Neuritis. A review. *International Multiple Sclerosis Journal*. 2009 Sep;16 (3): 82-9
32. **Shams PN**, Davies NP. Pseudopapilloedema and optic disc haemorrhages in a child misdiagnosed as optic disc swelling. *Br J Ophthalmol*. 2010 Oct;94(10):1398-9, 1412
33. **Shams PN**. Occipital headache. Case based discussion. *Foundation Years Journal* 2008 Aug; 2(6): 273-5.
34. **Shams PN**, Gazzard G and Barton. High frequency ultrasound biomicroscopy and anterior segment ocular coherence tomography in the management of acute angle closure. *Eye News Supplement*. December 2007

35. Ahmadi H, **Shams PN**, Davies NP, Joshi N, Kelly MH. Age-related changes in the normal sagittal relationship between globe and orbit. *J Plast Reconstr Aesthet Surg*. 2007;60(3):246-50. Epub 2006 Sep 6.
36. **Shams PN**, Olver JM. A case of cutaneous collision tumour: the importance of photographic documentation and large incisional biopsy. *Eye*. 2006 Nov;20(11):1324-5. Epub 2006 Mar 31.
37. **Shams PN**, Hardy TG, El-Bahrawy M, Joshi N. Syringocystadenoma papilliferum of the eyelid in a young girl. *Ophthal Plast Reconstr Surg*. 2006 Jan-Feb;22(1):67-9.
38. **Shams PN**, Goadsby PJ, Crockard AH, Casey A, Plant GT. Paroxysmal raised intracranial pressure associated with spinal meningeal cysts. *Journal of Neurology* 2005 Mar; 252(3): 273-82. Epub 2005 Mar 5.
39. **Shams PN**, Waldman A, Dogan A, MacKenzie JM, Plant GT. Ataxia in the setting of complicated enteropathy: double jeopardy. *J Neurol Neurosurg Psychiatry* 2002 Apr; 72(4): 527-9.
40. **Shams PN**, Waldman A, Plant GT. B Cell lymphoma of the brain stem masquerading as myasthenia. *J Neurol Neurosurg Psychiatry* 2002 Feb; 72(2): 271-3.

Other:

2022 Springer book Oculoplastic, Lacrimal and Orbital Surgery- The ESOPRS Textbook- Book chapters:
 Management of Thyroid-Associated Orbitopathy -Maarten Mourits and Pari N Shams
 Anatomy and Physiology of Lacrimal System - Ulrich Schaudig, Alain Ducasse and Pari N Shams

Contributing author to section 7 of the American Academy of Ophthalmology Basic and Clinical Science Course "Orbit, eyelids and the Lacrimal system"

B. Reviewer for peer reviewed journals:

Ophthalmic Plastic and Reconstructive Surgery
 Eye
 Clinical and Experimental Ophthalmology
 Canadian Journal of Ophthalmology
 Journal of Neurosciences
 Orbit

C. Research Experience

2009-2010 Collaboration with Dr. Saif Abed at St Georges Hospital, London, to measure and define the morphometric and geometric relationships between key orbital surgical landmarks in formalin fixed cadavers. The research was co-supervised by Mr. J. Uddin and Dr. P.

Adds and the findings have been published in several peer reviewed journals, presented at national and international meetings and received several prizes.

- 2006- 2008 Clinical research aimed at developing a quantitative method of assessment of the optical quality of the crystalline lens in vivo by calculating the relationship between its modulation transfer function, using the OQUAL™ device, and visual acuity. (see presentations below). Institute of Ophthalmology, Imperial College and Chelsea and Westminster Hospital, London. Supervisors Mr. Nigel Davies, Mr. Ian Murdoch and Dr. Robert S Weale.
- 1995-1996 Bachelor of Science Degree in Anatomy and Basic Medical Sciences, University of London. Supervisor Dr. J. Cohen. Department of Developmental and Degenerative Neurobiology. Guy's Hospital, London. This laboratory based research was carried out using tissue culture and immunopanning techniques to study the effects of multiple neurotrophic factors and the extracellular matrix on retinal ganglion cell survival and neurite outgrowth in vitro. *PDF copy of thesis is available.*

D. National and International Presentations

- 09.2023 European Society of Ophthalmic Plastic and Reconstructive Surgeons, Naples, Italy
Oral presentation:
1) Body Dysmorphic Disorder: Forewarned is Forearmed **Shams PN**
2) Functional and anatomical success of canalicular trephination and bicanalicular intubation in patients undergoing Dacryocystorhinostomy with proximal and distal canalicular obstruction **Shams PN**
Poster presentation:
Functional and anatomical success of bicanalicular intubation in lacrimal system reconstruction following eyelid tumor removal **Shams PN**
- 07.2023 British Oculoplastic Surgery Society Meeting, Oxford, UK
Poster presentation:
Functional and anatomical success of canalicular trephination and bicanalicular intubation in patient undergoing Dacryocystorhinostomy with proximal and distal canalicular obstruction **Shams PN**
- 05.2023 WSOPRAS World society of Ophthalmic Plastic Reconstructive and Aesthetic society, Dubai
Oral presentation:
1) The key to successful endonasal DCR: understanding your anatomical landmarks **Shams PN**
2) Thyroid eye disease: Current therapy still works **Shams PN**
- 01.2023 British Oculoplastic Surgery Society winter Meeting, Cervinia, Italy
Post-blepharoplasty conjunctival chemosis **Shams PN**
- 06.2022 British Oculoplastic Surgery Society Meeting, Manchester, UK
Oral presentation:

Functional and anatomical success of bicanalicular intubation in lacrimal system reconstruction following eyelid tumor removal **Shams PN**

- 09.2019 European Society of Ophthalmic Plastic and Reconstructive Surgeons, Hamburg, Germany
 Oral presentation:
 1) Invited speaker to the pre-course meeting:
 External DCR: Why would you leave the 20-minute-dream? **Shams PN**
 2) *Oral and poster presentation:*
 Antibiotic prophylaxis and the rate of surgical site infection (SSI) in clean and clean-contaminated oculoplastic, lacrimal and orbital surgery **Shams PN and Cabourne E**
- 09.2018 European Society of Ophthalmic Plastic and Reconstructive Surgeons, Bucharest, Romania
 Invited speaker to the pre-course meeting:
 Management of Functional Epiphora following an Anatomically successful Dacryocystorhinostomy **Shams PN**
- 11.2017 Thyroid Eye Disease Forum Clinical & Research Collaboration
 UCL Institute of Ophthalmology
 Oral presentation:
 Oral methylprednisolone in Thyroid Eye disease **Shams PN**
- 11.2017 Cheltenham Oculoplastic Video Meeting 2017
 Video presentation of pre-trichial brow lift procedure **Shams PN**
- 09.2017 European Society of Ophthalmic Plastic and Reconstructive Surgeons, Stockholm, Sweden.
Oral presentation:
 1) Invited speaker to the pre-course meeting:
 Anatomical landmarks of the lateral nasal wall: what the lacrimal surgeon should know **Shams PN**
 2) High dose pulsed oral methylprednisolone in patients with acute thyroid eye disease: clinical response, safety and tolerability
Shams PN, Koutroumanos N
 3) Does postoperative systemic antibiotic prophylaxis reduce the rate of surgical site infection (SSI) in complex oculoplastic, lacrimal and orbital surgery?
Shams PN
- 09.2017 London (South West Thames) Ophthalmology Residents Study Day
Oral Presentation:
 Paediatric oculoplastics (Eyelid, Lacrimal and Orbital problems in kids)
- 06.2017 British Oculoplastic Surgery Society Meeting, London, UK
Oral presentation:
 Primary mucinous carcinoma of the eyelid: Clinical and histochemical study of 7 cases over 20 years
 Bladen J, Thaug C, Ah-Weng A and **Shams PN**

- 06.2017 American Society of Ophthalmic Plastic and Reconstructive Surgeons Spring meeting, Vancouver, Canada.
Oral presentation:
 Primary mucinous carcinoma of the eyelid: Clinical and histochemical study of 7 cases over 20 years
Shams PN, Bladen J, Thaung C, Ah-Weng A
- 09.2016 European Society of Ophthalmic Plastic and Reconstructive Surgeons, Athens, Greece.
Poster presentation
 Free composite eyelid graft for lower eyelid reconstruction
 Aziz A and **Shams PN**.
- 10.2016 London (South West Thames) Ophthalmology Residents Study Day
Oral Presentation:
 Ten common errors in Neuroimaging and how to avoid them
Shams PN
- 06.2016 International Thyroid Eye Disease Society meeting, London, UK.
Oral presentation:
 The use of Corticosteroids in the management of Thyroid Eye Disease **Shams PN**
- 11.2015 American Society of Ophthalmic Plastic and Reconstructive Surgeons Fall meeting, Las Vegas, USA.
Poster presentation
 Dermoid Cysts: Clinical Predictors of Complex Lesions and Surgical Complications
 Lenci L. T, **Shams PN**, Allen R. C.
- 10.2015 South West Thames Regional Ophthalmology Study Day
Oral Presentation:
 1) Orbital Compartment Syndrome. **Shams PN**
 2) Necrotizing Fasciitis. **Shams PN**
- 09.2015 European Society of Ophthalmic Plastic and Reconstructive Surgeons, Brussels, Belgium.
Oral presentation:
 Mydriasis during orbital surgery: Should I worry? **Shams PN** and Kardon R.
- 06.2015 British Oculoplastic Surgery Society Meeting, Belfast, Northern Ireland.
Poster presentation:
Shams PN, Pirbhai A and Selva D. Endoscopic Dacryocystorhinostomy for membranous and non-membranous distal Common Canalicular Obstructions
- 03.2015 VII United Kingdom Neuro-ophthalmology Special Interest Group Meeting, Birmingham, UK.
Oral presentation:
 The pupil and the Orbit. **Shams PN** and Kardon R.

- 10.2014 American Society of Ophthalmic Plastic and Reconstructive Surgeons Fall meeting, Chicago, USA.
Poster presentation:
Chronic anophthalmic socket pain treated by implant removal and dermis fat graft.
Shams PN, Bohman E, Baker MS, Maltry A, Dafgård Kopp E and Allen R.
- 09.2014 European society of Ophthalmic Plastic and reconstructive surgery, Budapest, Hungary.
Oral presentation:
- 1) Chronic anophthalmic socket pain treated by implant removal and dermis fat graft.
Shams PN, Bohman E, Baker MS, Maltry A, Dafgård Kopp E, and Allen RC.
 - 2) Lateral canthal position following lateral orbitotomy and the influence of ocular proptosis. **Shams PN**, Baker MS and Allen RC
 - 3) The quantitated internal suture browpexy. Allen RC, Barikian A, **Shams PN** and Baker MS.
- 11.2013 Satellite oculoplastic group meeting at the American Society of Ophthalmic Plastic and Reconstructive Surgeons Fall meeting, New Orleans, USA.
Oral presentation:
Bilateral septic cavernous sinus thrombosis and congestive orbitopathy: a management challenge. **Shams PN**, Funk G, Policeni B, Carter KD, Thurtell MJ and Shriver E.
- 06.2013 International Thyroid Eye Disease Society meeting, Vancouver, Canada.
Oral presentation:
Reduced risk of compressive optic neuropathy using orbital radiotherapy in patients with active thyroid eye disease. **Shams PN**, Ma R, Pickles T, Rootman J and Dolman PJ.
- 06.2013 British Oculoplastic Surgery Society meeting, Bristol, U.K.
Oral presentations:
- 1) Management of anatomically successful but functionally failed dacryocystorhinostomy.
Shams PN, Chen P, Wormald PJ, McNab A, Wilscek G, Sloan B and Selva D.
 - 2) Orbito-temporal Neurofibromatosis: A management algorithm.
Shams PN, Nelson L, Ferner R, Eccles S, Young R, Collier J, Grant W, Kirkpatrick N and Joshi N.
- Poster presentations:*
- 3) Acute post operative rhinosinusitis following endonasal dacryocystorhinostomy.
Shams PN and Selva D
 - 4) Turn-over orbital septal flap and levator recession for upper eyelid retraction.
Shams PN, Watanabe A, Katori N, Kinoshita S and Selva D
- 11.2012 *Poster presentation*
The Royal Australian and New Zealand College of Ophthalmologists annual meeting, Melbourne, Australia.
- 1) Acute post operative rhinosinusitis following endonasal dacryocystorhinostomy.
Shams PN and Selva D
 - 2) Turn-over orbital septal flap and levator recession for upper eyelid retraction.
Shams PN, Watanabe A, Katori N, Kinoshita S and Selva D

- 06.2011 *Oral and poster presentation*
British Oculoplastic Surgery Society Meeting, Cardiff, U.K.
A cadaveric study of the morphometric relationships and bony composition of the Caucasian nasolacrimal fossa. **Shams PN**, Abed S F, Shen P, Adds P, and Uddin JM
- 06.2011 *Poster presentation*
British Oculoplastic Surgery Society Meeting, Cardiff, U.K.
Who needs to biopsy? A review of 313 peri-ocular diagnostic biopsies.
Shams PN, Rowson N, Jones CA.
- 06.2011 *Poster presentation*
British Oculoplastic Surgery Society Meeting, Cardiff, U.K.
A review of 90 malignant peri-ocular tumour excisions: How often does the histology of the surgical specimen differ from the pre-operative biopsy?
Shams PN, Rowson N, Jones CA.
- 05.2011 *Oral presentation*
The Royal College of Ophthalmologists annual congress, Birmingham, U.K.
"Cavernous sinus syndrome"- neuro-ophthalmology symposium. **Shams PN**, Plant GT.
- 05.2011 *Poster presentation*
Association for Research in Vision and Ophthalmology (ARVO), Fort Lauderdale, USA.
Change in patients' perceived quality of life following surgical correction of lower involutional eyelid entropion. **Shams PN**, Sira M, Jones CA
- 09.2010 *Poster presentation- winner of ESOPRS junior award winner*
European society of Ophthalmic Plastic and reconstructive surgery, Munich, Germany
A cadaveric study of morphometric and geometric relationships of the orbital apex.
Abed S F, **Shams PN**, Shen P, Adds P, and Uddin JM.
- 06.2010 *Poster presentation*
British Oculoplastic Surgery Society Meeting, Edinburgh, U.K.
Persistent symptomatic diplopia requiring strabismus surgery following repair of orbital blow out fractures: pre operative factors and surgical outcomes.
Shams PN, Miskiel K, Manisali M, Thompson G and Uddin JM
- 06.2010 *Poster presentation*
British Oculoplastic Surgery Society Meeting, Edinburgh, U.K.
Previously unreported orbital cellulitis requiring surgical intervention in two children with concurrent H1N1 infection.
Shams PN, Kyprianou K.G, Sampath R, Burns J and Uddin J.M
- 06.2010 *Oral presentation- winner of award*
British Oculoplastic Surgery Society Meeting, Edinburgh, U.K.
Surgical Anatomy of the Caucasian Orbit: A Cadaveric Study of the Medial Orbital Wall Approach to the Orbital Apex. Abed S, **Shams PN**, Shen,S, Adds P and Uddin JM
- 05.2010 *Oral presentation*

British Association of Oral and Maxillofacial Surgeons. Manchester, UK.
Surgical Anatomy of the Caucasian Orbit: a cadaveric study of the cranio-orbital foramen
Abed S, **Shams PN**, Shen S, Santhanam V, Addis P, Uddin JM and Manisali M

- 04.2010 *Oral presentation*
Eyecampus Neuro-ophthalmology Study day, Birmingham, UK
"Neuroimaging in Ophthalmology". **Shams PN**
- 06.2009 *Oral presentation*
British Oculoplastic Surgery Society Meeting, Cambridge, U.K.
Risk of post-operative epiphora following repair of canalicular laceration with and without mini-Monoka monocanicular stent. **Shams PN** and Olver J.
- 05.2009 *Oral presentation*
The Royal College of Ophthalmologists congress, Birmingham, U.K.
Migraine symposium- "Migraine and cerebral lesions". **Shams PN** and Plant GT
- 05.2009 *Oral presentation- winner of Allergan 2009 Fellowship Award*
Clinical outcomes following lens extraction for visually significant cataract in eyes with primary angle closure. **Shams PN** and Foster PJ.
- 05.2009 *Poster presentation*
Association for Research in Vision and Ophthalmology (ARVO), Fort Lauderdale, USA.
Migrainous visual aura due to focal cerebral lesions. Can the diagnosis be made on the semiology of attacks? Nine case reports and review of the literature.
Shams PN and Plant GT.
- 04.2009 *Oral presentation- Moorfields Eye Hospital course "Eye movements for everyone"*
Course organizer James Acheson. Moorfields Eye Hospital, London
- 02.2009 *Oral presentation- Walsh Session Case Presentation*
North American Neuro-Ophthalmology Society (NANOS) meeting, Lake Tahoe, USA.
An Unlikely Gathering- Cerebroretinal Microangiopathy with Calcification and Cysts in a young man- a recently described syndrome.
Shams PN, Siddiqui A, Mohammed M and Plant GT.
- 11.2008 *Oral presentation- winner of best cataract surgery paper*
United Kingdom and Ireland Cataract and Refractive Surgeons Society Meeting.
Sponsored by Spectrum Ophthalmics. Brighton. UK.
Clinical outcomes following lens extraction for visually significant cataract in eyes with primary angle closure. **Shams PN** and Foster PJ.
- 10.2008 *Oral presentation: Invited speaker*
University of Iowa Ophthalmology department seminar, Iowa City. USA.
Migrainous visual aura due to focal cerebral lesions. **Shams PN** and Plant GT
- 06.2008 *Oral presentation*
British Oculoplastic Surgery Society, Newcastle, U.K.

Comparative effectiveness of four procedures for repair of lower lid involuntional entropion when performed by trainee surgeons. **Shams PN**, Sheldrick, J.

- 06.2008 *Poster presentation*
British Oculoplastic Surgery Society, Newcastle, U.K.
Focusing on an unusual cause of an eyelid lump: unsuspected contact lens retention for 40 years. **Shams PN**, Sheldrick, J.
- 06.2008 *Poster presentations*
2008 International Neuro-Ophthalmology Symposium. Silverado Resort, Napa Valley, California
1) Pseudopapilloedema and optic disc haemorrhages misdiagnosed as optic disc swelling
Shams PN, Davies NP
2) Absence seizure in a child 15 minutes after instillation of topical 1 % Cyclopentolate Hydrochloride. **Shams PN**, Woolf K, Scanlon K and Bentley CR
3) Unilateral light-near dissociation in lesions of the rostral midbrain
Shams PN, Bremner FD, Smith SE (Deceased), Plant GT and Matthews TD
- 05.2008 *Oral presentation*
The Royal College of Ophthalmologists 2008 congress, Liverpool, U.K.
"Bilateral optic neuritis"- neuro-ophthalmology symposium. **Shams PN**, Plant GT.
- 09.2007 *Oral presentation*
First prize Alcon 2007 Glaucoma competition
"Topiramate induced acute angle closure". **Shams PN**, Gazzard G, White E, Barton K.
- 11.2006 *Best Lens and optics poster presentation*
American Academy of Ophthalmology annual meeting, Las Vegas, USA.
"Quantitative assessment of lens optical quality: the area under the modulation transfer function (MTF) curve correlates with visual acuity". **Shams PN**, Davies NP, Weale RA
- 09.2006 *Oral presentation*
Loosely Organized Vitreoretinal Society Meeting, London
"Phakic Intraocular lenses and retinal detachments: is there an association?"
Shams PN, Sullivan P.
- 07.2006 *Poster presentation*
Oxford Congress, Oxford. "Comparison of secondary intraocular lens implantation over 2 decades at an inner city teaching hospital: Incidence, outcome and complications".
Shams PN, Davies NP and Vogt U.
- 06.2006 *Poster presentation*
Open meeting for Trainees. Royal Society of Medicine, London.
"Quantitative assessment of lens optical quality: the area under the modulation transfer function (MTF) curve correlates with visual acuity". **Shams PN**, Davies NP, Weale RA
- 05.2006 *Oral presentation*

The National Hospital for Neurology and Neurosurgery. Neuro-ophthalmology course, London. "Scotoma, retinal haemorrhage and migraine". **Shams PN**, Plant GT.

- 02.2006 *Poster Presentation*
World Ophthalmological Congress, Brazil. Aphakic rehabilitation: Contact lens versus intraocular lens". **Shams PN**, Davies NP, Loutfi MR, and Vogt U.
- 10.2005 *Oral presentation*
European Association for Vision and Eye Research. Portugal.
"Awareness of Adult Refsum's Disease as a cause of retinitis pigmentosa: a survey of UK ophthalmologists" **Shams PN**, Davies NP, Gibberd F, Wierzbicki A, Feher MD
- 09.2005 *Poster presentation*
23rd meeting European Society of Ophthalmic, plastic and reconstructive surgery. Island of Crete.
"Age related changes in the normal sagittal relationship between globe and orbit"
Shams PN, Ahmadi H, Davies NP, Kelly MH, Joshi N.
- 09.2006 *Poster presentation*
VII meeting of the European neuro-ophthalmological society. Moscow.
"Visual auras in patients with focal occipital lobe lesions". **Shams PN** and Plant GT.
- 09.2004 *Oral presentation- winner of first prize*
XII Thames Oculoplastic group meeting. London.
"Syringocystadenoma papilliferum: a management dilemma in a young girl and review of the literature" **Shams PN**, Hardy TG and Joshi N.
- 06.2004 *Oral presentation*
XIII Afro-Asian congress of ophthalmology. Istanbul-Turkey.
"Aphakic rehabilitation: Contact lens versus intraocular lens implantation"
Shams PN, Loutfi MR, and Vogt U.
- 10.2000 *Oral presentation*
British Association of Urological Surgeons. Birmingham NEC.
"Haematuria or not haematuria in the diagnosis of renal colic?"
Shams PN, Cahill D, Tiptaft R.

III. Audit

- 2022-2023 Cost-effectiveness of oral versus intravenous methylprednisolone in patients with moderate to severely active thyroid eye disease: evidence from a non-inferiority study
Shams PN, Wilde C
- 2015-2023 Ongoing audit of Core Outcomes of adnexal surgery. AD audit no: 236
Moorfields Eye hospital
Shams PN.

- 06.2018 Evaluation of the use of perioperative and postoperative systemic antibiotics in patients who underwent complex adnexal surgery at Moorfields Eye Hospital under the care of a single surgeon
Cabourne E and **Shams PN**. CA18-32
- 01.2018 Core Outcomes of adnexal surgery 2016-2017. CA17/AD/15
Shams PN.
- 06.2018 Evaluation of the use of perioperative and postoperative oral antibiotics in patients who have had complex adnexal surgery. CA18/AD/03-32 Joint 3rd place winner at South Thames Ophthalmic Trainees Audit Day St Thomas' Hospital 04.2018
Cabourne E and **Shams PN**.
- 2014-16 Audit of core outcomes of common Adnexal surgery at Moorfields Eye Hospital South, as proposed by the Royal college of Ophthalmologists.
Shams PN.
- 2010 Change in patients' perceived quality of life following surgical correction of lower involutional eyelid entropion. Maidstone Hospital.
Shams PN, Sira M, Jones CA. *Presented at ARVO 2011*
- 2009 Audit of persistent diplopia requiring strabismus surgery following orbital trauma. Moorfields Eye Hospital and St Georges Hospital.
Shams PN, Uddin JM. *Presented at BOPSS 2010*
- 2008 The management of lacrimal canalicular injury: Are we practicing evidence-based medicine Western Eye and Chelsea & Westminster Hospital.
Shams PN. *Presented at BOPSS 2009*
- 2008 Success rates of four procedures for repair of lower lid involutional entropion performed by trainee surgeons. Essex County Hospital.
Shams PN and Sheldrick J. *Presented at BOPSS 2008*
- 2007 Audit of clinical outcomes following lens extraction for visually significant cataract in patients with angle closure. Moorfields Eye Hospital.
Shams PN, Foster PJ. *Presented at UKICRS 2008*
- 2005-2010 Personal Continuous Cataract Audit. **Shams PN**
- 2005 Patient satisfaction audit of ACAD ophthalmic day surgery experience. Central Middlesex Hospital. **Shams PN**, Lee V
- 2004 Increased accuracy of refractive outcomes after cataract surgery IOL modification Chelsea and Westminster Hospital. **Shams PN**, Davies NP, Mitchell S.
- 2004 Secondary Intraocular lens implantation- Audit of practice over 15 years at a London teaching hospital. Western Eye Hospital. **Shams PN**, Looutfi MR and Vogt U.

- 2003 More cost effective use of CT and MRI by introducing consultant signatures on request forms. Kingston Hospital Royal Eye Unit. **Shams PN**, Horgan S.
- 2002 More efficient discharge of patients from ITU by introduction of a discharge coordinator and multidisciplinary discharge meetings, saving the trust £ 54,000 per month University Hospital Lewisham. **Shams PN**, Barrera-Groba C.
- 2001 Reduction in the Incidence of recurrent peritonitis in patients on CAPD. Hammersmith Hospital Renal Unit. **Shams PN**, Little M, Clutterbuck C, Gaskin G.
- 2000 A reduction of Incidence of post-operative infections by the introduction of surveillance schemes, pre-op screening, hand washing, staff education, review of ward cleaning Greenwich Hospital. **Shams PN**, Aston N.

IV Teaching Experience

1. Moorfields Fellowship teaching programme
2. Visiting surgeon at St Eriks's Ophthalmic Hospital, Stockholm, Sweden. I was invited to supervise and teach the head of oculoplastic department the technique of endoscopic Dacryocystorhinostomy.
3. 09/2016 Organiser of South West Thames Regional Teaching Program. Moorfields Eye Hospital. Croydon University Hospital. "Ocular and Orbital Imaging".
4. 2015 and 2016 Moorfields Advanced Microsurgical Skills Refresher Course. Royal College of Ophthalmologists. Organizer Mr. Paul Sullivan.
5. 2015 Moorfields orbitofacial cadaver dissection course. Royal College of Surgeons. Organizer Mr Dan Ezra.
6. University of Iowa Hospitals and Clinics – Teaching and supervision of 1st and 3rd year residents and medical students rotating on the oculoplastic service. Teaching and case presentations at morning ophthalmology department "Eye Rounds". Education and training of nursing and allied healthcare professionals.
7. The Royal Adelaide Hospital, South Australia - teaching and supervision of the junior oculoplastic fellow and ophthalmology residents in the outpatient clinic and operating theater.
8. Vancouver Eye Care Center - medical student and plastic surgery resident teaching on a weekly basis.
9. Biannual since 2010. I have been involved in the design and delivery of a neuro-ophthalmology study day, in association with Eye Campus and Pfizer Ophthalmology. 91% of delegates rated the course as excellent and 100% said their practice would change as a result.

10. 2009-2011 Alcon Basic Phaco Study Day.
Lecture and wet lab based cataract surgery course for junior ophthalmic trainees.
Organizer Mr. Tim Matthews.
11. 2006-9 Moorfields Eye Hospital Final membership refresher course.
Lecture: Medical Law and Ethics. This was a lecture I introduced to reflect the content of the examination. Organizer Mr. Paul Sullivan.
12. 2005-2010 Post-graduate Neurology and Neuro-Ophthalmology course.
The National Hospital for Neurology and Neurosurgery. Organizer Dr. Gordon Plant.
13. 2007-2009 Organizer of weekly Ophthalmology teaching Seminars at the Royal Free and Essex county Hospital
14. 2008-2009 University College London medical student ophthalmic weekly teaching.
Royal Free Hospital. "Ophthalmic complications of Diabetes"
15. 2008 Lasers in ophthalmology- Nurses and allied health professionals course- London. SCM Ltd.
16. 2002-2006 "PACES Ahead" MRCP clinical course- Lecturer and demonstrator.
St George's Hospital. Organizer Dr. Rashmi Kaushal.

V. Other Special Courses and Seminars

A. Oculoplastic or related

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|---------|--|
| 11.2023 | BOPSS photography workshop, Leeds, UK |
| 11.2021 | BOPSS virtual webinar on 5th November 2021 Tomorrow's consultants today |
| 11.2021 | ASOPRS Hybrid 52nd Annual Fall Scientific Symposium, New Orleans U.S.A |
| 09.2021 | The 39th ESOPRS annual meeting, Virtual Sept 17-18, 2021 |
| 06.2021 | A joint venture symposium between Royal College of Ophthalmologists & BOPSS |
| 06.2020 | ASOPRS 2021 Virtual Spring Meeting |
| 10.2020 | BOPSS "Six of the Best" Webinar |
| 08.2020 | International Ocular Adnexal Oncology Webinar |
| 11.2019 | SOA Global 2019 Neuro-Orbital and skull based Master class, The Cavalry and Guards Club, London, UK. |

- 10.2019 American Society of Ophthalmic Plastic and Reconstructive Surgeons Fall meeting, San Francisco, USA.
- 06.2019 British Oculoplastic Surgery Society Annual Meeting. Nottingham, UK.
- 05.2019 NOSOPRS, the Nordic Society of Oculoplastic & Reconstructive Surgery, bi-annual meeting in Copenhagen, Denmark
- 06.2018 British Oculoplastic Surgery Society Annual Meeting. Dublin, Ireland.
- 06.2018 Amsterdam Orbital congress. Academic Medical Center, Amsterdam. Netherlands.
- 03.2018 North American Neuro-Ophthalmology Society (NANOS) meeting, Big Island, Hawaii.
- 01.2018 British Oculoplastic Surgery Society Winter Meeting. Lech, Austria
- 01.2018 European society of Ophthalmic Plastic and reconstructive surgeons Winter Meeting. Val Gardena, Italy.
- 05.2017 3rd Nottingham Paediatric Oculoplastic Symposium, Nottingham, UK.
- 03.2017 Moorfields Eye Hospital Alumni Day
- 01.2017 British Oculoplastic Surgery Society Winter Meeting. Lech, Austria.
- 10.2016 American Academy of Ophthalmology. Oculoplastic Subspecialty Day. Chicago. U.S.A.
- 03.2016 UCLA Orbital Center Master's Symposium and Dissection Workshop. Course organizer Dr. Daniel Rootman. UCLA Stein Eye Institute. Los Angeles, U.S.A.
- 01.2016 Moorfields Eye Hospital Alumni Day
- 01.2016 British Oculoplastic Surgery Society Winter Meeting. Val d'Isere, France.
- 2012 The 15th Advanced Functional Endoscopic Sinus Surgery Course.
Course organizer Professor Peter John Wormald. University of Adelaide, Australia.
- 2011 Thyroid associated Eye Disease: Multidisciplinary update of pathogenesis and new directions for collaborative research. ARVO Educational Course. Fort Lauderdale, U.S.A.
- 2010 Periocular Tumour Course. Newcastle upon Tyne, U.K.
- 2009 Lacrimal Course & Techniques in Orbital decompression Course. AAO Educational Course. San Francisco, U.S.A
- 2009 Oculoplastics Surgical workshop, Oxford, U.K.
- 2005 Cornea and Oculoplastic course. Queen Victoria Hospital, East Grinstead, UK

B. Leadership and management

- 02.2021 Organising committee of the joint ASOPS ESOPRS symposium “Nuanaces in periocular reconstruction”
- 01.2019 Organizer and co-ordinator of the 2019 British Oculoplastic Surgery Society Winter Meeting. Selva Val Gardena, Italy.
04. 2017 Clinical Leadership Excellence for Latter Year Trainees & Consultants, London, UK. Academyst LLP & Grow Medical LLP
- 11.2015 New Consultants Seminar. Professor Peter Shah and Mr Mike Burdon. The Royal College of Ophthalmologists, London.
- 2010-11 **Participant in the ‘Prepare to Lead’ clinical leadership program**
NHS London and the London Deanery
<http://www.london.nhs.uk/leading-for-health/programmes/prepare-to-lead>
- 2010 Power, Politics and Persuasion Course. Cumberledge Connections and Prepare to Lead Program. London.
- 2010 Prepare to Lead- Emotional Intelligence workshop. NHS London. Central Hall, Westminster, London.
- 2010 Doctors, patients and money: the dirty business of making healthcare in the NHS. Epidemiology and public health section, Royal Society of Medicine, London
- 2010 Transformational change. Clinical Leadership Master class. GE Healthcare. Westminster Hall, London
- 2010 Professional development for clinical teachers. London Deanery. Moorfields Eye Hospital, London, U.K.
- 2009 3-Day Management course for specialist registrars- Miad UK Ltd. Moorfields Eye Hospital, London, U.K.
- 2009 “Sailing a safe ship”. Management course. Eye Campus. Coventry, U.K.
- 2008 Looking forward. Management course. 2nd module. Eye Campus and Inspire change. London. UK.
- 2008 3-day management course for specialist registrars. Miad UK Ltd. Ipswich Hospital, U.K.
- 2008 Medical Management Master class for Consultants. Medicology. The Civil Service Club, London, U.K.

- 2007 Looking forward. Management course- 1st module. Eye Campus and Inspire change. Birmingham, UK.
- 2007 Getting a Good Idea into Practice. NHS management course. Eye Campus. Birmingham.

C. Educational/Teaching courses

- 01.2016 Educators and Senior Trainees' Conference, London School of Ophthalmology, London.
- 03.2015 College Tutor Training Day. Melanie Corbett. Royal College of Ophthalmologists, London, UK.
- 2015 Educational Supervisors Course. Moorfields Eye Hospital. Organized by Mr. Paul Sullivan.
- 2015 Medical appraisal: The new Appraiser one-day workshop program. Moorfields Eye Hospital. Edgecumbe health. Director Dr. Jennifer King.
- 2010 Training the Trainers Course. Moorfields Eye Hospital, London, U.K

D. Other courses

- 2013 Principal investigator research governance training. University of Iowa Hospitals and Clinics, U.S.A
- 2011 Principal investigator research governance training University of British Columbia, Canada
- 2008 Law for doctors. Quantum Development. Friends Meeting House. London, U.K.
- 2007 Practical Statistics Course for Ophthalmologists. Moorfields Eye Hospital, London

VI. Other Experience

- 1999 Final Year Elective. Johns Hopkins University. Internal Medicine and Ambulatory Care
- 2020 Adult and Paediatric Basic Life Support certification
- 2002 Ophthalmology clinical attachment. Salmaniya Medical Complex. Bahrain
- 2003-4 Member of the London Marathon Medical Team