

CURRICULUM VITAE

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Education:

1966 - 1968 D.A.V. College, Jullundur, India

1968 - 1974 Dayanand Medical College, Ludhiana, India

Qualification: May 1974, M.D. Punjab University, India

September 1977, Diploma in Ophthalmology
(Royal College of Surgeons United Kingdom)

June 1980, F.R.C.S. (Fellow of Royal College of Surgeons)
United Kingdom

June, 1989, FRCOph (Fellow of Royal College of
Ophthalmologists), United Kingdom

August 1994, MBA, University of Texas at Dallas

December 2003, PhD, University of Leicester, England

Medical Licensure: Texas 1989; Indiana 1984

Board Certification: October 1996, American Board of Ophthalmology

Residencies:

6/1/74 - 11/30/74 Resident in Surgery
Christian Medical College, Ludhiana, India

12/15/74 - 6/15/75	Resident in Medicine Clara Swain General Hospital, Bareilly, India
8/1/75 - 5/31/77	Resident in Ophthalmology University Eye Clinic, Gent, Belgium
6/26/77 - 1/31/78	Resident in Ophthalmology The Middlesex Hospital, London, UK
11/1/78 - 6/10/80	Registrar in Ophthalmology Sutton General Hospital, Sutton, UK
8/18/80 - 6/30/81	Registrar in Ophthalmology Huddersfield Royal Infirmary, Huddersfield, UK
Fellowship:	
7/1/81 - 6/30/83	Glaucoma Fellow Ochsner Clinic and Louisiana State University Eye Clinic, New Orleans, Louisiana
Work Experience:	
7/1/83 - 6/30/86	Private Practice, Dulaney Eye Clinic, Phoenix, Arizona Managed glaucoma patients in a busy three-office practice.
7/1/86 - 7/31/88	Assistant Professor Louisiana State University Medical Center, Shreveport Director of Ophthalmology E. A. Conway Memorial Hospital, Monroe, Louisiana
8/1/88 - 7/31/94	Assistant Professor, Glaucoma Service, Ophthalmology UT Southwestern Medical Center, Dallas, Texas
8/1/94 - Present	Associate Professor, Ophthalmology Glaucoma Service UT Southwestern Medical Center, Dallas, Texas

Publications:

A. Articles in Journals

1. Francois J, Lentini F, and Kooner KS: Les Manifestations Opthalmoscopiques de la Sarcoidose de Besnier - Boeck. *Ann.d' Oculist* 1977; 10:751-756.
2. Kooner KS and Zimmerman TJ: Differential diagnosis of unilateral glaucoma: Part I: Definition and classification. *Annals Ophthalmol* 1983; 15(8): 695-697.
3. Kooner KS, and Zimmerman TJ: Differential diagnosis of unilateral glaucoma: Part II: Diagnostic approach; *Annals Ophthalmol* 1983; 15: 793-794.
4. Zimmerman TJ, Kooner KS and Morgan KS: Safety and efficacy of timolol in pediatric glaucoma. *Surv Ophthalmol* 1983; 28:262-264.
5. Zimmerman TJ, Kooner KS, Ford VJ, Olander KW, Mandlekorn RM, Rawlings FE, Leader BJ and Koskan AJ: Effectiveness of non-penetrating trabeculectomy in aphakic patients with glaucoma. *Ophthalmic Surg* 1984; 15:44-50.
6. Kooner KS and Dulaney DD: Glaucoma in General Practice. *Arizona Medicine* 1984; XLI (12):804-808.
7. Zimmerman TJ, Kooner KS, Ford VJ, Olander KW, Mandlekorn RM, Rawlings EF, Leader BJ and Koskan AJ: Trabeculectomy vs. non-penetrating trabeculectomy: a retrospective study of two procedures in phakic patients with glaucoma. *Ophthalmic Surg* 1984; 9:734-740.
8. Kooner KS and Zimmerman TJ: Glaucoma Management: A Few Practical Points. *Ann Ophthalmol* 1984; 16:209-210.
9. Kooner KS, Zimmerman TJ, and Dulaney DD: Differential diagnosis of elevated intraocular pressure following ocular surgery. *Ann Ophthalmol* 1984; 16:708-709.
10. Kooner KS, Zimmerman TJ and Dulaney DD: Oculo-Visual Symptoms in Glaucoma Patients. *Ann Ophthalmol*, 1984; 815-816.
11. Zimmerman TJ, Kooner KS, Kandarakis AS and Ziegler L: Improving the therapeutic index of topically applied ocular drugs. *Arch Ophthalmol* 1984; 102:551-553.

12. Kooner KS and Zimmerman TJ. Pearls in glaucoma management. *Ann Ophthalmol* 1984; 16:507-509.
13. Kooner KS and Zimmerman TJ: A Glaucoma Medication Time Table, *Card. Ann Ophthalmol*, 1987; 19:43-44.
14. Kooner KS and Zimmerman TJ: The Cost of Antiglaucoma Medications. *Ann Ophthalmol*, 1987; 19:327-328.
15. Kooner KS and Zimmerman TJ: Management of Acute Elevated Intraocular Pressure: Part I Diagnosis. *Ann Ophthalmol*, 1988; 20:46-47.
16. Kooner KS and Zimmerman TJ: Management of Acute Elevated Intraocular Pressure: Part II Treatment. *Ann Ophthalmol*, 1988; 20:87-88.
17. Kooner KS, Dulaney DD and Zimmerman TJ: Intraocular Pressure Following Secondary Anterior Chamber Lens Implantation. *Ophthalmic Surg*, 1988; 19:274-276.
18. Kooner KS and Zimmerman TJ: Antiglaucoma Therapy during pregnancy Part I. *Ann Ophthalmol*, 1988; 20:166-169.
19. Kooner KS, Dulaney DD and Zimmerman TJ: Intraocular Pressure Following Extracapsular Cataract Extraction and Posterior Chamber Intraocular Lens Implantation. *Ophthalm Surg*, 1988; 19:471-474.
20. Kooner KS, Zimmerman TJ: Antiglaucoma Therapy during pregnancy-Part II. *Ann Ophthalmol*, 1988; 20:208-211.
21. Kooner KS, Dulaney DD, and Zimmerman TJ: Intraocular Pressure Following ECCE and Posterior Chamber Intraocular Lens Implantation in Patients with Glaucoma. *Ophthalm Surg* 1988; 19:570-575.
22. Kooner KS, Cooksey JC, Perry P and Zimmerman TJ: Intraocular Pressure Following ECCE, Phacoemulsification, and PC-IOL Implantation. *Ophthalm Surg* 1988; 19:643-644.
23. Kooner KS, Cooksey JC, Barron JB, Zimmerman TJ, Gupte RK, Wall JL: Tonometry: Goldmann vs. Tono-Pen. *Annals of Ophthalmol* 1992; 24:29-36.
24. Kooner KS and Goode SM: Removable Ligature during Molteno Implant Procedure (Letter). *Am J Ophthalmol* 1992; 114:102-103.
25. Kooner KS, Cavanagh HD, Zimmerman CF, Itani KM: Eye movement restrictions after Molteno implant surgery (letter), *Ophthalm Surg* 1993, 24:498-499.

26. Kooner KS: Repair of Molteno implant during surgery. (Letter), *Am J Ophthalmol* 1994; 117:673.
27. Sharir M, Zimmerman TJ, Del Negro RG, Ball SF, Kooner KS. A comparison of the efficacy of various metipranolol-pilocarpine combinations in patients with ocular hypertension and primary open angle glaucoma. *J Ocular Pharmacol* 1994; 10:411-420
28. Kooner KS: New agents in glaucoma therapy. *Int Ophthalmol Clin.* 1999; 39:1-15.
29. Song J, Stinnett SS, Whitson JT, Kooner KS: Ten-year surgical experience with childhood glaucoma. *J Pediatr Ophthalmol Strab* 2003; 40:11-18.
30. Song J, Lee PP, Stinnett SS, Allingham RA, Kooner KS. Influence of age, race, sex, and socioeconomic status on false-negative rates of visual fields in glaucoma. *Asian Journal of Ophthalmology* 2005; 7:101-107.
31. Younger JR, Kooner KS. Upper eyelid extension of a filtering bleb following glaucoma shunt surgery. *Ophthalmic Surg Lasers Imaging* 2006; 37:324-326.
32. Kooner KS, AlBdoor M, Cho BJ, Adams-Huet B: Risk factors for progression to blindness in high tension primary open angle glaucoma: Comparison of blind and nonblind subjects. *Clinical Ophthalmology* 2008; 2(4): 757-762.
33. Kooner KS, AlBdoor M, Cho BJ: Implantation of Ahmed Glaucoma Shunt with Pars plana sclerotomy for neovascular glaucoma. *J Current Glaucoma Practice.* 2008. (2). January-April.
34. Rhodes KM, Weinstein R, Saltzman RM, Aggarwal N, Kooner KS, Mathews W, Whitson JT: Intraocular pressure reduction in the untreated fellow eye after selective laser trabeculoplasty. *Current Medical Research and Opinions.* 2009. 77(7): 1-10.
35. Allen BM, Lieu P, Mootha V, Bowman RW, Petroll WM, Tong L Kooner KS, Cavanaugh HD, Whitson JT, Aggarwal NK: Risk factors for intraocular pressure elevation after Descemet Stripping Automated Endothelial Keratoplasty. *Eye and Contact lens* 2010; 4:223-227.
36. Kooner KS: Repair of cyclodialysis cleft. In Dada T, Barkana Y, Ahmed IK etal Eds. *Video Journal of Glaucoma Surgery.* Jaypee, 2010, pp xxvi.
37. Kooner KS: Combined phacotrabeculectomy with concurrent pars plana Sclerostomies. In Dada T, Barkana Y, Ahmed IK etal Eds *Video Journal*

of *Glaucoma Surgery*. Jaypee, 2010, pp xxvi.

38. Kooner KS, Joseph A, Shar A, Marquardt FA, AlBdoor M, Cho BJ, Whitson J, Aggarwal N, Adam-Huet B: Dallas Glaucoma Registry: Preliminary Results. *J Clinic Experiment Ophthalmol* 2011 2:6. <http://dx.doi.org/10.4172/2155-9570.1000164>.

B. Book Chapters

1. Kooner KS, Zimmerman TJ: Clinical Ocular Pharmacology: Some Overlooked Features. In *Ophthalmology Clinics of North America*, Zimmerman TJ, Kooner KS (Eds.), Philadelphia, W.B. Saunders Co., 1989, 1:1-14.
2. Kooner KS, Zimmerman TJ: Medical treatment of glaucoma. *Current Opinion in Ophthalmology*, 1990; 1:134-140.
3. Kooner KS, Zimmerman TJ: Proper use of topical ocular solutions. In Lim, AS(ed.) *World's Major Blinding Conditions*, 2nd edition, XXVI International Congress of Ophthalmology, Singapore, 1990, pp. 97-103.
4. Zimmerman TJ, Kooner KS: Future orientations in glaucoma diagnosis. In Wollensak, Jr.(eds.) *Ophthalmologische Arzneimittle-Theerapie*, Verlag ad manum medici Braz & Hoc 1990, Munich, pp. 61-76.
5. Kooner KS, Zimmerman TJ: Concepts in Ocular Drug Delivery, In *Glaucoma Update IV*, Krieglstein GK (ed.), Berlin, Springer-Verlag, 1991, pp. 208-216.
6. Kooner KS, Zimmerman TJ: Pilocarpine. In Dollery, CT (ed.), *Therapeutic Drugs: A Clinical Pharmacopoeia*, Edinburgh, Churchill Livingstone, 1991, pp. 24-26.
7. Kooner, KS, Zimmerman TJ: Homatropine. In Dollery CT (ed.), *Therapeutic Drugs: A Clinical Pharmacopoeia*, Edinburgh, Churchill Livingstone, 1991, pp. 105-110.
8. Kooner KS: Glaucoma. Thymoxamine. In Zimmerman TJ, Kooner KS, Sharir M et al., eds. *Textbook of Ocular Pharmacology*. Philadelphia-New York: Lippincott-Raven, 1997:255-260.
9. Kooner KS: *New agents in glaucoma therapy*, In Singh, Bautista RD (ed) *International Ophthalmology Clinics*, Philadelphia, Lippincott Williams 1999 39:1-15.
10. Kooner KS: Primary Open-Angle Glaucoma. In Zimmerman TJ; Kooner KS, eds.

Clinical Pathways in Glaucoma. New York-Stuttgart, Thieme 2000: 23-57.

11. Kooner KS, Aronowicz J: Pharmacologic Modulation of Filtering Surgery Wound Healing. In Higginbotham EJ, Lee DA (eds). *Clinical Guide to Glaucoma Management*. Woburn, Butterworth, Heinemann, 2004, pp 494-518.

C. Books Edited:

1. *Textbook of Ocular Pharmacology*, Philadelphia-New York, Lippincott-Raven 1997.
2. *Clinical Pathways in Glaucoma*, New York-Stuttgart, Thieme 2000.
3. *Ophthalmology Clinics of North America*, Philadelphia, WB Saunders Co.

D. Ph.D. Dissertation

Risk factors for legal blindness in primary-open angle glaucoma. University of Leicester, England. December 2003. Study period 1993-1999. More than 400 patients were followed for five to six years in three different hospitals. Significant risk factors for blindness were elevated intraocular pressure, late detection, poor control and noncompliance.

E. Journal Reviewer:

1. *Expert Opinion on Drug Safety*, London. UK
2. *British Journal of Ophthalmology*, London. UK
3. *Expert Opinion on Pharmacotherapy*, London. UK
4. *Expert Review of Ophthalmology*, London. UK.
5. *International Journal of Clinical Ophthalmology*. Auckland. New Zealand.
6. *Future Medicine*. London. UK
7. *American Journal of ophthalmology*. USA 2010
8. *Journal of Ocular Pharmacology and Therapeutics*. 2010
9. *Advances in Therapy*. Springer health care. 2011

F. Editorial Board : The Society for Clinical Ophthalmology, UK 2008-current.

G. Lectures (invited) delivered:

1. Glaucoma surgical options. Dayanand Medical College. Ludhiana. India April, 2007.
2. Glaucoma Drainage Devices. Post Graduate Institute, Chandigarh. India. May, 2007.
3. Effect of Central Corneal Thickness on Circadian Intraocular pressure fluctuations in glaucoma. Glaucoma Society of India, annual meeting,

- Chandigarh. India November 2008.
4. Medical Eye Missions. Osteopathic Ophthalmology Annual Meeting, Austin. TX May 10, 2009.
 5. Advances in Glaucoma. Key note Speaker. Punjab Ophthalmological Society Meeting. Amritsar. India. December 18.2009.
 6. Dr. AD Grover Memorial Oration Award 2011 : Glaucoma Drainage Devices.
Annual meeting of Chandigarh Ophthalmological Society, Chandigarh. Punjab India. September 3-4, 2011.

H. Abstracts presented:

1. Lieu P, Kooner KS et al : Circadian intraocular pressure, blood pressure and pulse variations in unstable and stable primary open angle glaucoma. Presented at the Annual Medical Student Forum. UTSWMC, Dallas. January 2008.
2. Aronowicz, Kooner KS et al : Role of central corneal thickness (CCT) in circadian intraocular pressure (IOP) fluctuations in patients with mild to moderate primary open-angle glaucoma (POAG). Presented at the American Glaucoma Society meeting, Washington DC. March 7-9, 2008.
3. Lieu P, Kooner KS et al: Symptoms of Autonomic Dysfunction in Primary Open-Angle Glaucoma (POAG). Presented at the Association of Research in Vision and Ophthalmology, Fort Lauderdale, FL, May 2008.
4. Brooks, PA, Kooner KS et al: The Effect of Nocturnal Blood Pressure and Intraocular pressure on the progression of Primary Open-angle Glaucoma (POAG). Presented at the annual scientific meeting and exposition of the American Society of Hypertension. New Orleans, LA. May 2008.
5. Coleman M, Lubahn JG, Chitkara P, Aronowicz J, Brooks P, AlBdoor M, Lieu P, Butsch R, Adams-Huet B, Nesbitt SD, Kooner KS. Circadian Intraocular Pressure and Blood Pressure Fluctuation in Primary Open Angle Glaucoma. National Medical Association Annual Convention and Scientific Assembly in Atlanta, GA. July 2008.
6. Shar A, Joseph A, Huet B and Kooner KS .Glaucoma Suspect Results from the Dallas Glaucoma Registry. Presented at the American Glaucoma Society Meeting, San Diego. CA. March, 2009.
7. Joseph A, Shar A, Huet B and Kooner KS. Is Secondary Glaucoma a Surgical Disease? Results from the Dallas Glaucoma Registry. Presented at the American Glaucoma Society Meeting, San Diego. CA. March, 2009.
8. Kamath P, Harrison M, Zohra P, Marquardt F, and Kooner KS: Glaucoma in United States Veterans: an overlooked group? Presented at ASCRS meeting, Boston, MA April 7-9, 2010.

9. Harrison M, Zohra P, Kamath P, Marquardt F, and Kooner KS: Glaucoma Suspects in Children. Presented at annual meeting of American Glaucoma Society meeting in Naples, FL. March 4-7, 2010.
10. Zohra P, Harrison M, Kamath P, Marquardt F, and Kooner KS: Is Childhood Glaucoma a Surgical Disease? An Analysis of 231 Ethnically Diverse Patients. Presented at the annual Medical Student Research Forum, UTSWMC, Dallas, January, 2010.
11. Roensch MA, Kooner KS, Prala Z, Harrison M, JT Whitson: Characteristics of Childhood Glaucoma. Presented at annual meeting of American Academy Ophthalmology, Chicago.IL October 17 2010.
12. Patel C and Kooner KS: Noncompliance in glaucoma in a county hospital setting. Does race play a role? Presented at the annual meeting of the Association for Research in Vision and Ophthalmology. Ft Lauderdale, FL. May 1-6 2011.

I. Professional Organizations:

1. American Medical Association, 1982-present.
2. American Academy of Ophthalmology, 1982 –present.
3. Association for Research in Vision and Ophthalmology, 1982-present.
4. American Glaucoma Society, 1998-present.

J. Committee Memberships:

- | | |
|------------|--|
| 1986 | Chairman, On Call and Leave Schedule Committee
E. A. Conway Hospital, Monroe, Louisiana |
| 1986-1988 | Executive Medical Staff Committee
E. A. Conway Hospital, Monroe, Louisiana |
| 1986-1988 | Executive Faculty (LSU), E. A. Conway Hospital, Monroe, Louisiana. |
| 2003 | Continuing Education Advisory Council, UT Southwestern Medical Center, Dallas, Texas |
| 2002- 2006 | Medical Director for Texas, Opticare Eye Health Network Texas, Rock Mount, North Carolina 27804. |
| 2004 | Executive Board Member, Dallas Academy of Ophthalmology. |

2005- 2008 Member Finance Committee, American Glaucoma Society.

1998-present: Course Director, Annual Review Course for Primary Care Physicians.

Volunteer Work in Civic Organizations:

1. March, 1975 Participated in the set-up and running of an eye camp in Ferozepur, India.
2. December, 1985 Free eye examinations at Navajo Indian Reservation in Arizona.
3. March, 1986 Glaucoma screening - Chandler Community Hospital, Chandler, AZ.
4. October 31, 1987 Glaucoma screening - Grambling State University, Grambling, LA.
5. 1998 – Present ORBIS (Flying Eye Hospital, New York, NY)-sponsored missions to Bangladesh, China, Cuba, Peru.
6. 1998 – Present World Eye Mission (Albion, Michigan) sponsored missions to Guatemala, Nicaragua, Venezuela, and Haiti.
7. 2006 The Congressional Glaucoma Caucus Foundation (Lake Success, NY). Volunteer Ophthalmologist.
8. November, 2009 ORBIS mission in Naning CHINA.
9. September, 2010 ORBIS mission in Kunming, CHINA.

Awards, Lectureships or Prizes:

1966-1974 Government of India National Merit Scholarship

1975-1977 University of Gent, Belgium Scholarship

1983, 1986 Physician's Recognition Award (AMA).

2011 Dr. AD Grover Memorial Oration Award, XXIV Annual Conference of The Chandigarh Ophthalmological Society, India. September 3-4

2011.

Major Areas of Research Interest:

1. Dallas Glaucoma Registry

2. Natural history and epidemiology of legal blindness in glaucoma
3. Glaucoma surgery, Express® Glaucoma Shunt, selective laser trabeculoplasty
4. Nerve fiber layer analysis in glaucoma
5. Noncompliance in glaucoma