

# RESUME

## **Dr. Sandip Mitra**

### **Consultant Ophthalmologist**

Al Zahra Pvt. Hospital Sharjah UAE and Emirates Hospital Dubai, UAE

### **Profile**

Dr. Mitra graduated from the Jawaharlal Institute of Post Graduate Medical Education & Research in India and went on to specialize in Ophthalmology from the All India Institute of Medical Sciences, New Delhi. He was awarded the Bodhray Goldmedal for the best post graduate student in ophthalmology. He subsequently obtained his Fellowship from the Royal College of Surgeons in Edinburgh and London with distinction in Ophthalmology, and also did a short training in Vitreo-retinal Surgery at Moorefield Hospital, London, UK. Continuing further in his area of special interest, Dr. Mitra obtained his Fellowship in Corneal & Refractive Surgery from the largest eye hospital in Australia - The Royal Victorian Eye & Ear Hospital, University of Melbourne. While in Australia, he was also involved in various multi-centric research projects at CERA (The Centre for Eye Research, Australia). He specialized in the 'Big bubble technique for lamellar keratoplasty' and performed series of successful corneal graft for keratoconus. Recently he got his training in DSEAK procedure from University eye hospital in Fort Mayers US from Dr. Gorovoe.

Prior to joining Al Zahra, Dr. Mitra served as a faculty member at the prestigious Sultan Qaboos University Hospital, Sultanate of Oman, for about 7 years rising to head the Department of Ophthalmology. He has published numerous papers in peer-reviewed journals and presented more than 50 papers in various international conferences. He is also an International Member of the American Academy of Ophthalmologists.

Dr. Mitra has performed more than 6000 Excimer laser surgery (LASIK, EPI\_LASIK and PTK) at the excellent laser centre (Melbourne Excimer Laser Group, Australia). He has performed more than 10000 cataract surgery (Cold Phaco-'no stitch surgery'), 500-vitreoretinal surgery and other complicated eye procedures. He also performs phakic ICL implantations and refractive IOL exchange surgeries on a regular basis.

Dr. Mitra holds Lasik specialist certification of the Ministry of health, Government of Dubai, Mel 80 Excimer Laser (Carl Zeiss) training certificate from the London Vision clinic, UK and Fellowship certification on Excimer laser surgery (LASIK, LASEK & PRK) from the Melbourne Excimer laser group and the Royal Victorian Eye and Ear Hospital, University of Melbourne, Australia. He is the member of the Zeiss research team for improvement in refractive surgery techniques.

### **Qualification:**

MD, FRCS (Edinburg)

Cornea & Refractive Surgery Fellow (*The Royal Victoria Eye & Ear Hospital, Australia*)

International Member of American College of Ophthalmology

### **Contact Information:**

Address: Villa 19 B street 25 Al Manara , Dubai, UAE

e-mail: [sandipeye@yahoo.com](mailto:sandipeye@yahoo.com)/[sandip.eye@gmail.com](mailto:sandip.eye@gmail.com)/[sandip.mitra@alzahra.com](mailto:sandip.mitra@alzahra.com)/[sandipmitra@emirateshospital.ae](mailto:sandipmitra@emirateshospital.ae)

Phone: work: +97165619999/+97148716900 Mobile: +971 504620839 Residence: +97143495040

Website: [www.alzahra.com](http://www.alzahra.com) /[www.emirateshospitalmc.com](http://www.emirateshospitalmc.com)/[www.sandipmitra.com](http://www.sandipmitra.com)

## Personal Profile

Date of Birth: 29.01.1964

Sex: Male

Nationality: Indian

Marital Status: Married

## Passport Details

Z 1125132

Date of Issue: 19.01.2003

## Education:

<u>Date Attended</u>	<u>Examination</u>	<u>Institution</u>
Fellowship: 04-02-2002 to 04-02-2003	Fellowship in Cornea and Refractive Surgery	Royal Victoria Eye & Ear Hospital Australia
Exam Date: 30-10-1996	FRCOPHTH part I London	Royal college of Ophthalmologist UK
Exam Date: 17-12-1997 Convocation: 09-01-1998	FRCSEd Sec B & C	Royal college of Surgeons of Edinburgh UK
Exam Date: 11-11-1992 Convocation: 06-03-1993	DNB in Ophthalmology	National Board of Examiners India
Exam Date: 05-05-1992 Convocation: 29-04-1993	MD Ophthalmology	All India Institute of Medical Sciences Delhi India
Exam Date: 05-12-1986 Internship: 14-07-1982 to 14-03-1988	MBBS	Jawaharlal Institute of Postgraduate Medical Education and Research India

## Employment & Professional Experience:

<u>Date</u>	<u>Position</u>	<u>Hospital</u>	<u>Job Description</u>
02-01-2003-till date	Consultant Ophthalmologist	Al Zahra Pvt. Hospital and Emirates Hospital Motor city	Cornea and refractive surgery MEL 80, Cataract, VR surgery and other eye surgery
4-2-2002 to 4-2-2003	Senior cornea and refractive fellow	Royal Victoria Eye & Ear Hospital Melbourne, Australia	Clinical and research work with special Excimer, contact lens and pterygium clinics
6-7-1999 to 1-5-2001	Acting head of department Consultant	Sultan Qaboos University Hospital (SQUH) Oman  University Hospital (SQUH) Oman	Running Out-patient clinic, Laser and angiogram, ward work, Phaco and vitreo-retinal surgery, keratoplasty and amnion transplant, and teaching medical student 1998-1999 Senior registrar Sultan Qaboos  Teaching students and residents, clinical and
25-1-1995 to 25-6-1998	Registrar in Ophthalmology	Sultan Qaboos University Hospital (SQUH) Oman	Teaching students, research, clinical and surgical work, OPD, ward and OT
1992 to 1995	Senior registrar	All India Institute of medical sciences Delhi, India	Clinical and surgical work, research and teaching
1989-1992	Registrar	All India Institute of Medical Sciences, Delhi, India	Clinical and surgical work, research (Thesis)

## Surgical skills and number of surgeries performed from 1992-2011:

	<u>Number of Procedure Performed</u>	<u>Remark</u>
<b>CORNEA</b>		
Trauma repair	5,000	With or with cataract removal
PKP	4,000	
DALK	2,500	Big bubble and maleys
DSEAK	1,000	
Automated lamellar	1,000	Amadeus keratome
Sclero keratoplasty	500	
Pterygium with transplant	8,000	Auto graft and amnio
<b>ANTERIOR SEGMENT</b>		
Phaco +/- IOL	>20,000	Toric, plane and multifocal
Combined PKP and phaco +iol	2,500	
Phaco Plus trabeculectomy IOL	5,500	
Phaco plus vitrectomy	5,000	
Foreign body removal	3,000	
trabeculectomy	6,000	
Glaucoma valve	1,500	Ahmed and Molteno
Goniotomy and trab and trab	1,500	
Pediatric cataract	3,000	
Conjunctival tumors	1,000	
Implantable contact lens ICL	2,500	Starr ICL toric and plane
<b>RETINA</b>		
Detachment	2,000	
Cryopexy/laser retinopexy	5,000	
Laser diapexy	2,000	Iridex laser
Vitrectomy posterior PPV	2,000	
Intraocular foreign body removal	1,000	
Lens removal +/- cataract surgery	2,000	
Silicon oil and membrane peeling	1,500	
SF6/ C3F8 injection	1,800	
<b>STRABISMUS</b>		
Horizontal rectus	2,500	
Vertical rectus	1,000	
Muscle transposition	800	
Inferior oblique surgery	600	
Laser procedure	1,500	

**OCCULOPLASTICS**

Repair of lacerated lid	1,000
Lid entropion and ectropion	10,000

**LACRIMAL SURGERY**

DCR	5,000
Probing and syringing	4,000
Repair of canalicular injury	1,000

Three snip procedure	3,000
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**REFRACTIVE PROCEDURE**

Relex Smile Femto Procedures	2000
LASIK	8,000
Epi Lasik	1,000

PRK	500
PTK	1,000

Phakic IOLs	1000
Topography guided C3 R cross linkage	4,000
FFA	8,000

Yag capsulotomy and iridotomy	7,000
Intacs	4,000

C3 R linkage plus Intacs	1,000
SLT	3,000

PRP	5,000
Fundus picture	10,000

Lasik enhancement	500
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## Publications in Peer Reviewed Journals

1. Azad RV, Mitra S, Sharma YR (1997)

*Combined triple procedure for retained intraocular foreign body.*

Indian J Ophthalmol 14:1284-86.

2. Prakash P, Mitra S, Sharma P (1997)

*Ultrasound based squint surgery and its comparison with conventional surgery.*

J Strabism Ped Ophthalmol 4:4-6

3. Mitra S, Sankla DK (1999)

*Postpartum metastatic orbital abscess due to Streptococcus milleri.*

Saudi Journal of Ophthalmology 13(2):121-124

4. Mitra S, Koul RL (1999)

*Pediatric neuro-Behcet's disease presenting with optic nerve head swelling.*

Brit J Ophthalmol 83(9):1096

5. Ganesh A, Mitra S (2000)

*Traumatic hyphaema in sickle-cell disease.*

Eye 14:397-399

6. Mitra S, Ganesh A (2000)

*Post Lasik corneal flap complications during the repair of giant retinal tear.*

Saudi J Ophthalmol 14/3:183-186

7. Ganesh A, Mitra S, Koul RL, Venugopal P (2000)

*The full spectrum of persistent fetal vasculature in Aicardi syndrome. An integrated interpretation of ocular and cerebral malformations.*

Brit J Ophthalmol 84:227

8. Moharib MM, Mitra S (2000)

*Alkalinized lignocaine and bupivacaine with hyaluronidase for sub-Tenon's ophthalmic block.*

Reg Anesth Pain Med 25:514-517

9. Ghosh K, Mitra S, Hiwassi D (2000)

*Choroidal infiltrates simulating fundal changes of acute leukemia during hematological recovery following. High dose chemotherapy in acute myelomonocytic leukemia in remission.*

Am J Hematol 63/1:42-45

10. Mitra S, Ganesh A (2000)

*Scleral dellen complicating primary pterygium excision.*

Eye 14/4:924-925

11. Ganesh A, Mitra S, Koul RL, Venugopalan P (2001)

*Spontaneous ophthalmic artery occlusion in a child. J Ped Ophthalmol Strabism 38/3:183-185.*

12. Mitra S, Ganesh A (2001)

*Nocardia keratitis masquerading as fungal keratitis.*

Middle East J Ophthalmol 9/1:73-75.

13. Mitra S, Ganesh A (2001)

*Hydrodissection of conjunctival flap for trabeculectomy in eyes with trachomatous scarring.*

Ophthalm Surg Lasers 32/3:213-219.

14. Mitra S, Ganesh A (2001)

*Scleral suspension pars-plana lensectomy for ectopia lentis followed by suture fixation of intraocular lens.*

Indian J Ophthalmol 49:109-113.

15. Ganesh A, Kenue RK, Mitra S (2001)

*Retinoblastoma and 13q deletion syndrome.*

J Ped Ophthalmol Strabism 38 (4):247-50

16. Ganesh A, Nair PMC, Mitra S (2001)

*Retinopathy of An update Saudi J of Ophthalmol* 15(3):203-220  
17. Ganesh A, Mitra S (2001)

Orbital Involvement in Sickle Cell Disease: a report of five cases and review of literature. *Eye*, 15:774-780  
18. Mitra S, Ganesh A (2002)

*Capillary Hemangioma of the retina*  
*Ophthalmic Surg and Laser* 33 (4):349-350  
19. Mohrabi M, Mitra S (2002)

*Effect of alkanization and/or hyaluronidase adjuvancy on a local anesthetic mixture for sub-Tenon's ophthalmic block*  
*Acta Anaesthesiologica Scandinavica* 46 (5):599-604  
20. Mitra S, Ganesh A (2003)

*Pars Plana Capsulovitrectomy for Posterior Capsular Opacification in Children.*  
*Ophthalmic Surg and Laser* 34(4):327-331  
21. Anderson KL, Mitra S, Salouti R, Pham TA, Taylor HR (2004)

*Fungal Keratitis caused by Paecilomyces Lilacinus associated with retained intracorneal hair.*  
*Cornea*.2004 Jul; 23(5): 516-21  
22. Prakash P, Mitra S (1991)

*Role of axial biometry in squint surgery.*  
*Proc All India Ophthalmic Soc Golden Jubilee Celebrations* 11:101-104  
23. Prakash P, Mitra S (1991)

*Comparative study of conventional and USG-based squint surgery.*  
*Proc All India Ophthalmic Soc Golden Jubilee Celebrations* 11:99-101  
24. Mitra S, Kumar A (1994)

*Role of early vitrectomy in vitritis following IOL implantation in paediatric age group.* *Proc All India Ophthalmic Society 52nd Annual Conference*, 12:200-205.

*Multiple extrafoveal macular holes following internal limiting membrane peeling; International Medical Case Reports Journal: Hussain N, Mitra S, 2018:11,1-7*

## **Training Attended and Courses done:**

**Moorfields Eye Hospital:** Observer ship and clinical attachment with the VITREO RETNAL service from 5 May till 11 May 1998.

**The Royal College of Surgeons of Edinburgh:** Course in Diploma in Medical Informatics, September and October 2000

International course in refractive laser surgery at the London Vision Clinic London: July 20, 2003 Newer trends in the treatment of glaucoma: Jan 27, 2004 Terrible yet treasured refractive surgery cases and surgical challenges of phacomorphic cataract: April 29, 2004

9 Winter refractive surgery meeting of the European society of Cataract and Refractive Surgeons, Rome, Italy:

February 4 to 6, 2005 Surgical skill training course on ICL phakic IOL and Kera ring in the ESCRS meeting in Rome, 2005. Second Ophthalmology grand round March 22, 2005 Apodized diffractive IOL symposia, 8 April 2005, Dubai Verisyse Phakic IOL training course in Salzburg June 22 2006 6hr of European external CME credit Management of Valsalva retinopathy, TAS syndrome, Pigmentary glaucoma, Intralase and Target pressure June 21, 2006.

Carl Zeiss Mel 80 clinical experience with CRS Master 11 using WASCA and TOSCA June 18, 2006 – Dubai, UAE

## **Ongoing Research Projects:**

**Topical Cyclosporin A (CSA) for Acute Graft rejection: A Randomised double masked controlled study:** Principle investigator Dr. Sandip Mitra, Associate Investigator: Prof. Hugh Taylor and Dr. Alex Poon.

**Retrospective analysis of recurrence rate of Pterygium in Victoria:** Investigator Dr. Sandip Mitra and Associate Investigator; Prof. Hugh Taylor.

**Corneal Ulcer Audit:** Investigator Dr. Sandip Mitra and Associate investigator Prof. Hugh Taylor.

**Randomised prospective trial for antibiotic therapy in Microbial keratitis:** Investigator Dr. Sandip Mitra and Associate Investigators: Prof. Hugh Taylor, Dr. Alex Poon and Mr Bigul Mukesh.

**Effect of oral mucosal graft for severe entropion with trichiasis in Oman.**

Participants: Professor A. Darr, HOD Surgery, Dr. Mohan, and Department of Surgery

**Role of sodium bicarbonate in subtenon anesthesia for ocular surgery.**

Participants: Dr. Magdie, Department anaesthesia

**Evaluation of complicated cataract surgery in paediatric age group.**

## **Certifications:**

BLS and ACLS certified

Diplomate of National Board of Examinations, 1993

International English Language Testing System (IELTS), 2000.

## **Membership & Registration of Professional Bodies:**

Fellow of Royal college of Surgeons of Edinburgh (FRCSEd) Roll No: 23934 International Member, American Academy of Ophthalmology (membership number 00227664). Member, National Academy of Medical Sciences (MNAMS) 15th October 1994 Life member, Delhi Ophthalmologic Society Member, All India Ophthalmological Society Member, scientific committee, local faculty, 1995-till date Member National Eye Health Committee, Oman Member Oman Medical Specialty Board. INTERNATIONAL MEMBER OF EUROPEAN SOCIETY OF CATARACT AND REFRACTIVE SURGERY

International member of America society of Cataract and Refractive surgery.

## **Awards Received:**

Bodhraj Sabrewal gold medal for the best postgraduate student in Ophthalmology, 1992

1st prize for Ophthalmic Quiz, 11th March 1993 by Ophthalmic Research Association, AIIMS, New Delhi.

1st prize for ORA quiz 10th March 1992 by Ophthalmic Research Association, AIIMS, New Delhi.

Best Ophthalmic group July-Dec 1991 term by ORA, 10th March 1992, AIIMS, New Delhi.

National Scholarship for the year 1979-1980 for distinction in Secondary School Examination, 1979.

## **Thesis:**

Comparative study of conventional and ultrasound guided squint surgery. Guide: Professor Prem Prakash, HOD Center for Ophthalmic Sciences, A.I.I.M.S. New Delhi, India.

## **Medical Licenses:**

Full registration with the Tamilnadu Medical council since April 1988

Full registration with the Medical council of India since May 2001

Full registration with Dubai Health Authority as specialist and LASIK specialist since January 2003 Medical permit 2003/2040/57635

Full registration with Ministry of health, UAE, as Consultant B since 2003

Full registration with the General Medical Council, UK since September 2010.

## **Reviewer for the Following Ophthalmic Journals:**

Oman Journal of Ophthalmology

Saudi Journal of Ophthalmology

Middle East African Journal of Ophthalmology

## **MOH duty:**

Member of the MOH selection committee

## **On going Research work:**

Developing nomogram for Relax smile procedure using the Datagraph software from Carl Zeiss

Member of the research team of Carl Zeiss refractive unit of Middle East

## References:

1. **Dr. Najim UI Hussain**, Specialist Ophthalmologist and VR surgeon at alzahra pvt hospital, Po Box 3499 Sharjah, UAE.

Email: [nazimul.hussain@gmail.com](mailto:nazimul.hussain@gmail.com) Telephone: +971 502122755

2. Professor Hugh R Taylor, Professor Royal Victoria Eye and Ear Hospital, University of Melbourne Australia, Level 5 207 Bouverie street Victoria 3010.

Email: [h.taylor@unimelb.edu.au](mailto:h.taylor@unimelb.edu.au) Telephone +61383449320

3. **Dr. Laurence J Sullivan**, Consultant Cornea Unit The Royal Victoria eye and ear hospital, 126, Victoria parade, East Melbourne, Australia.

Email: [lsulliva@optushome.com.au](mailto:lsulliva@optushome.com.au) Telephone: +61 3 99298666

4. **Dr. Anuradha Ganesh**: Consultant Ophthalmologist Sultan Qaboos University Hospital, Alkhod, Oman Zip 123

Email: [gananu@gmail.com](mailto:gananu@gmail.com)

5. Dr. Mark Daniell, Consultant Ophthalmologist at Royal Victoria eye and ear hospital, level1 55 Victoria Parade 3065 Fitzroy victoria Australia

Email: [daniellm@ozemail.com.au](mailto:daniellm@ozemail.com.au) Tel +61 3 94171079

6. **Professor. Atul Kumar**: All India Institute of Medical Sciences, Ansari Nagar, New Delhi, India

Email: [atul56kumar@yahoo.com](mailto:atul56kumar@yahoo.com) Telephone +91 11 26601111