

# CURRICULUM VITAE

## **Personal Details:**

Name : Jyothsna Rajagopalan  
Date of Birth : 28 April 1976  
Address : G 2 ,Sudhama Residency  
1<sup>st</sup> Main Defence Colony ,Indiranagar,  
Bangalore, India  
Nationality : Indian  
Marital status : Married  
Phone : 918023670261  
Email : jyothsna.rajagopal@gmail.com  
Language Skills : Write,speak and read English and Hindi fluently.  
Current position : Consultant vitreo-retinal surgeon  
Nethradhama Super speciality Eye Hospital  
No 66,Double Road,HAL 2<sup>nd</sup> Stage  
Indiranagar,Bangalore 560038  
Work Experience : 2.5 years

## **Basic Education:**

Duration	School	Exam	Main Subjects	Achievements
1993-1991	National Public School Bangalore	All India Senior School Certificate Exam	Physics, Chemistry, Mathematics, Biology	Completed with distinction
1991-1981	National Public School Bangalore	All India Secondary School Examination	English, Science, Humanities and Mathematics	Completed with distinction

## **Professional Education:**

1. ***Completed a Two Year Fellowship program in Retina Vitreous*** (July 2004-Aug 2006) at Aravind Eye Hospital and Post graduate Research Institute of Ophthalmology
2. ***Completed the Three year Post Graduate Program leading to the degree of Masters in Surgery in Ophthalmology(M S ) with highest grades in the batch*** (Sept 2000-Sept 2003) from J.N. Medical College, Belgaum under the Rajiv Gandhi University of Health Sciences, Bangalore, India.
3. ***Completed the Graduate Program in Medicine leading to the degree of Bachelor of Medicine / Bachelor of Surgery (MBBS) with certificate of merit*** (Oct 1993-De 1997) from J.N Medical College Belgaum under the Karnatak University India.
4. ***Completed post graduate training and examinations prescribed to obtain Diplomate of the National Board (DNB) for the Practice of Ophthalmology in June 2005.***
5. Completed successfully both parts of the ***International Basic and Clinical Assessments of the International Council of Ophthalmology. (FICO)***(April 2007-2008)
6. Completed successfully the ophthalmology examinations of the ***Royal College Of Physicans and Surgeons,Glasgow*** (February 2010)

### **Details of Experience in the Field of Ophthalmology:**

#### **1. Clinical Experience**

- Independent management of patients with wide spectrum of medical retinal diseases including Diabetic retinopathy, Macular Disorders, Heredomacular disorders, Retinal Vascular disorders, Posterior segment tumors, myopia etc.
- Pre and post operative care of surgical in-patients.
- Pediatric retina - examination of children with pediatric retinal conditions

- including heredomacular degenerations, ROP, tumors and myopia.
- Retinopathy of prematurity - weekly visits to pediatric clinics for screening evaluation and treatment of neonates with ROP.
- Performed independently laser therapy for diverse conditions including diabetic retinopathy, peripheral retinal degenerations, vascular occlusions, neovascular glaucoma ,macro aneurysms, vasculitis, ROP etc
- Evaluation of patients with uveitic eye disease including HIV related ocular diseases Interpretation of fundus fluorescein angiography and indocyanine green angiography images.
- Performed independently and interpretation of posterior Segment Ultrasound examination
- Interpretation of Optical Coherence Tomography and Electrophysiological tests
- Clinical experience in inpatient and outpatient care in general ophthalmology and sub specialties of cataract, cornea, uvea, retina, glaucoma, strabismus and pediatric ophthalmology
- Attending cross consultations and ophthalmology referrals from Departments of Obstetrics and Gynecology, Neurosurgery, Pediatrics and Neonatology, Otorhinolaryngology, Emergency Medicine and Trauma, Oral and maxillofacial surgery, General Medicine and General Surgery.
- Independently managed the Ophthalmology department of a tertiary health care centre in a rural district

## **2. Teaching experience**

- Tutored basic anatomy, patho physiology and management of common retinal diseases to paramedical personnel, nursing students and ophthalmic technicians.
- Tutored examination techniques of retina vitreous and laser techniques to short term fellows and post graduate students
- Tutored medical graduate students on ophthalmologic clinical examination techniques and theory classes in basic ophthalmology.

## **3. Surgical Experience**

- Assisted in over 100-120 major vitreoretinal surgical procedures such as Scleral Buckling, Diabetic vitrectomy, vitrectomy for complicated retinal detachment,

- macular hole surgeries, traumatic globe ruptures, pediatric retinal detachments, Intra ocular Foreign body removal, Radial optic neurotomy etc
- Performed independently scleral buckling procedures, simple vitrectomies, lensectomies, core vitrectomies, IOL explantation etc
  - Performed independently extra capsular cataract surgeries, small incision cataract surgeries, lacrimal sac surgeries.
  - Assisted senior surgeons in glaucoma filtering surgeries, squint surgeries, keratoplasty etc

#### **4. Community Ophthalmology Experience**

- Attended screening camps on diabetic retinopathy in the adjoining rural areas where performed screening and evaluation of patients with diabetes and referred advanced cases to tertiary centers for further evaluation and treatment
- Reading and grading of Fundus images of patients with diabetic retinopathy as a part of telemedicine screening for diabetic retinopathy
- Diagnosis and management of retinal diseases referred on telemedicine from adjoining rural areas
- Attended school screening camps for refractive errors and vitamin A deficiency in children and education regarding need for prompt referral of refractive errors in children
- Attended cataract-screening and operative camps in rural areas and mobilized patients and moved them to secondary health centers for surgery and visual rehabilitation when required
- Maintained register of corneal blind patients and intimated them when donor corneas were available for keratoplasty
- Attended and conducted public awareness campaigns on eye donation and imparted patient education on visual hygiene

#### **5. Research and Clinical Studies**

- Post cataract Endophthalmitis in South India. Incidence and Outcome
- Vogt Koyanagi Harada disease-Visual Outcome and complications
- Intraocular penetration of intravenous moxifloxacin in vivo in inflamed and non

- inflamed eyes
- Role of systemic steroids in NAAION

## **Publications**

- Foveal neovascularisation in diabetic retinopathy: Case report and review of literature. Int Ophthalmol. 2010;30(3). 311-314
- Intraocular injection of bevacizumab for rubeosis capsulare in a pseudophakic eye. J Rajagopal, AG Kamath, GG Kamath, MM Rao. Eye advance online publication, 8 May 2009; doi:10.1038/eye.2009.111
- Postcataract Endophthalmitis in South India. Incidence and Outcome  
Prajna Lalitha, Jyothsna Rajagopalan, Karthik Prakash, Kim Ramasamy, Namperumalsamy Venkatesh Prajna, Muthaiah Srinivasan. Ophthalmology 2005; 112:1885–1890.
- Bilateral simultaneous anterior and posterior lenticonus in Alport's syndrome.  
Vedantham Vasumathy, Rajagopal Jyothsna, Ratnagiri Praveen Krishna. Indian J Ophthalmol 2005;53:212-213
- Subretinal fibrosis in Vogt Koyanagi Harada Syndrome. Sathya Kakade, Jyothsna Rajagopal, Rathinam Sivakumar. Chakshu. Journal of the Karnataka Ophthalmic Society .2004: 22
- Double combined pigment epithelial and retinal hamartomas in a single eye:  
Vedantham V, Rajagopal J. An optical coherence tomographic study. Indian J Ophthalmol 2007;55:221-222

## **Presentations**

- Ophthalmic Presentation Of Undetected Severe/Accelerated Hypertension In Young Patients -Free paper at 27<sup>th</sup> Annual Conference of Karnataka Ophthalmological Society, Shimoga. India Nov 2008

- Foveal neovascularisation in diabetic retinopathy: Case report and review of literature. Poster at 27<sup>th</sup> Annual Conference of Karnataka Ophthalmological Society, Shimoga. India Nov 2008.
- Macular infarction following subconjunctival Gentamicin injection. Poster at 27<sup>th</sup> Annual Conference of Karnataka Ophthalmological Society, Shimoga. India Nov 2008.
- Complications and Visual Outcome in Asian Indian Patients with Vogt Koyanagi Harada Disease-Poster at World Ophthalmology Congress. Sao Paulo .Brasil Feb 2006
- Ocular Manifestations of Syphilis -Free paper at 53<sup>rd</sup> Annual Conference of Tamil Nadu Ophthalmic Association .Kodaikanal. India Aug 2005

### **Conferences Attended**

- 27<sup>th</sup> Annual Conference of Karnataka Ophthalmological Society, Shimoga. India Nov 2008
- Sight @ Height 53<sup>rd</sup> Annual Conference Of Tamil Nadu Ophthalmic Association .Kodaikanal. India Aug 2005
- Diabetic Retinopathy Symposium, Aravind Eye Hospital, Madurai. Sept 2005
- 61<sup>st</sup> Annual Conference of All India Ophthalmologic Society .New Delhi. India Jan. 2003
- Retina Congress 2002. LV Prasad Eye Institute. Hyderabad India
- 20<sup>th</sup> Annual Conference of Karnataka Ophthalmological Society, Mysore. India Nov 2001

## **References**

- Dr M Muralidhara Rao. FRCS Ed  
Medical Director  
DrSolanki,s Eye Hospital,2 Sirur Park Road  
Seshadripuram, Bangalore 560020
- Dr Girish Kamath.FRCOph,FRCS Ed  
Vitreoretinal Surgeon  
DrSolanki,s Eye Hospital,2Sirur Park Road  
Seshadripuram, Bangalore 560020
- Dr P Namperumalsamy.  
Chairman , Aravind Eye Care System.  
Madurai .India
- Dr R Kim  
Chief, Retina Vitreous Services  
Aravind Eye Hospital  
Madurai. India.
- Dr Vasumathy Vedantam  
Consultant, Retina-Vitreous Services  
Aravind Eye Hospital  
Madurai. India.
- Dr Rathinam Sivakumar  
Chief, Uvea Services.  
Aravind Eye Hospital  
Madurai. India.
- Dr Lalitha Prajna

Chief, Ocular Microbiology Services.  
Aravind Eye Hospital  
Madurai. India.