



**DR. JAY CHHABLANI**

### **PRESENT POSITIONS**

1. Ophthalmologist in Vitreoretina and Uvea services at L V Prasad Eye Institute, Hyderabad (India) (Since 23<sup>rd</sup> April 2009 till present)
2. Associate Professor of Ophthalmology at The Muthusamy Virtual University of Postgraduate Ophthalmology. (Since 1<sup>st</sup> September 2009 till present)

### **PREVIOUS APPOINTMENTS**

1. “*Medical Visitor*” in Retina and Ocular Oncology services at *Jules Gonin Eye Hospital, Lausanne (Switzerland)* (Nov 2009 to Jan 2010)
2. “*Senior Resident*” in Vitreoretina services at *Sankara Nethralaya, Chennai, (India)* (Oct 2008 to March 2009).
3. “*Clinical Vitreo-Retina Fellow*” at *Sankara Nethralaya, Chennai, (India)* (April 2007 to Sept 2008).
4. “*Laser Trainee*” at *Aravind Eye Hospital, Coimbatore (India)* (Oct 2006 to Nov 2006)

### **ACADEMIC QUALIFICATIONS**

1. “*ICO (International Council of Ophthalmologists) Fellowship*” in Retina and Ocular Oncology at *Jules Gonin Eye Hospital, Lausanne, Switzerland* (Nov 2009 to Jan 2010)
2. Qualified and Passed “*Clinical Sciences*” in Ophthalmology, International Council of Ophthalmology (2009).

3. "*Clinical Vitreo-Retina fellowship*" - Sankara Nethralaya, Chennai, India (April 2007 to March 2009).
4. Qualified and Passed "*Optics and Refraction Assessment*" in Ophthalmology, International Council of Ophthalmology (2008).
5. Qualified and Passed "*Basic Science Assessment*" in Ophthalmology, International Council of Ophthalmology (2007).
6. Qualified and Passed *Diplomate of the National Board (Ophthalmology)* June 2007
7. Masters Degree: *MS (Ophthalmology)* - Kasturba Medical College, Mangalore (KMC- MAHE), India (August 2003 to July 2006).
8. Internship – Pt.J.N.M. Medical College Hospital, Raipur (C. G.), India (April 2002 - March 2003).
9. Bachelors Degree: *MBBS* – Pt J N M Medical College, Raipur (C.G.), India (1997 – 2002).

#### **ADDITIONAL TRAINING**

1. Clinical training in Retina and Ocular Oncology at Jules Gonin Eye Hospital, Lausanne, Switzerland (9<sup>th</sup> November 2009 to 22<sup>nd</sup> January 2010)
2. Certificate course in "Lasers in Diabetic Retinopathy management" at Aravind Eye Hospital, Coimbatore, India (1<sup>st</sup> October to 31<sup>st</sup> November 2006)
3. Observership in Vitreo Retina Services at L. V. Prasad Eye Institute, Hyderabad, India (7<sup>th</sup> August to 12<sup>th</sup> August 2006)

#### **AWARDS**

1. ICO (International Council of Ophthalmology) fellowship award in Retina and Ocular Oncology at Jules Gonin Eye Hospital, Lausanne (Switzerland) (2009)
2. "Member of National Academy of Science", New Delhi, India (2009)
3. Second prize in "All India Ophthalmologists Society Quiz 2009", Jaipur
4. J M Pahwa Award for Best Paper in 17th Annual Conference of Vitreoretinal Society of India, Dec 2008, RAICHAK, West Bengal

4. Best outgoing student in Masters of Surgery (Ophthalmology) of Kasturba Medical College, Mangalore (2006)
5. Fellow of the Academy of General Education, Manipal, Karnataka (July 2006)
6. 3rd position in "Postgraduate Quiz" held in 23rd Annual State Conference of Karnataka Ophthalmological society, Nov 2004, Bellary, (Karnataka)
7. "Certificate of Merit" in Anatomy in first professional MBBS exam (2000)

## **RESEARCH INTRESTS**

Macular disease  
Ocular imaging Innovations  
Complex retinal detachment  
Uveitis and AIDS

## **DISSERTATION WORK DONE**

Correlation between optic disc changes and field changes in primary open angle glaucoma

## **SURGICAL / CLINICAL EXPERIENCE**

A brief outline of my surgical/clinical experience is given below:

### **1. As Faculty at LVPEI, Hyderabad (Since 23<sup>rd</sup> April 2009)**

- Diagnosis and treatment of various medical and surgical retina and uvea patients at outpatient department
- Performed laser photocoagulation including retinopathy of prematurity
- Performed Photodynamic Therapy for macular diseases
- Performed various intravitreal injections including anti VEGF, Triamcinolone etc
- Performed various types of retinal detachment surgeries including retinal detachment with coloboma, diabetic tractional and combined

retinal detachment, complicated retinal detachment with PVR, post-traumatic etc.

- Performed Sutureless Vitrectomy and Scleral fixated Intraocular Lenses etc
- Performed macular surgeries for Macular Hole, Epiretinal membranes etc.

## **2. As Medical Visitor at Jules Gonin Eye Hospital, Lausanne (Switzerland)**

- Examined and diagnosed patients of posterior segment diseases and adult ocular oncology in out patient clinic
- Observed various advanced surgical procedure in Vitreo-Retina including Slit Lamp assisted Vitreo-Retinal Surgeries etc.
- Observed and assisted various advanced surgical procedure in Ocular Oncology including Tantaleum Clips for Choroidal Melanoma, Plaque placement/removal, Intra-arterial Super-selective melphalan Injection.
- Examined and diagnosed various patients of paediatric ocular oncology in operation theatre
- Observed various treatment procedure for Retinoblastoma including trans-pupillary thermotherapy, trans-scleral photocoagulation intravitreal melphalan injection etc

## **3. As Vitreo-Retina Senior Resident at Sankara Nethralaya, Chennai (India):**

- Diagnosing and treating medical retina cases including diabetic retinopathy, choroidal neovascularization etc independently.
- Performed various diagnostic procedures such as ultrasonography, optical coherence tomography, fundus fluorescein angiography , indocyanine green angiography independently.
- Performed all types of laser photocoagulation for different types of retinal diseases including diabetic retinopathy, retinal holes and tears and diode laser for procedures like Subthreshold Transpupillary Thermotherapy, Retinopathy of Prematurity lasers , optic disc pit maculopathy and chorioretinal coloboma.

- Independent use of various intravitreal agents such as triamcinolone acetate and various anti VEGF agents.
- Performed various vitreo-retinal surgeries such as scleral buckles, vitrectomies for diabetic retinopathy, retinal detachments with PVR, intraocular foreign body removal and other diseases.
- Medical and surgical management of endophthalmitis and trauma cases independently
- Screening for Retinopathy of Prematurity

**4. As Clinical Vitreo-Retina Fellow at Sankara Nethralaya, Chennai (India):**

- Detailed ophthalmic evaluation of retinal diseases with indirect ophthalmoscope and slit lamp biomicroscopy.
- Assisting various vitreo-retinal surgeries such as scleral buckles, vitrectomies for diabetic retinopathy, retinal detachments with PVR, membrane peeling, sutureless vitrectomies, macular hole surgeries, retinopathy of prematurity (ROP) and other diseases
- Assisting in Photodynamic therapy alone and in combination for wet AMD and intraocular tumors
- Diagnosis and medical management of uveitis specially posterior uveitis.
- Diagnosis and management of patients with posterior segment tumors including retinoblastoma, choroidal melanoma etc.
- Active participation in community screening programmes for diabetic retinopathy and screening of premature infants for ROP.

**5. As Laser Trainee at Aravind Eye Hospital, Coimbatore (India) :**

- Examination of patients with posterior segment diseases with indirect ophthalmoscope and slit lamp biomicroscopy.
- Performed and reported fundus fluorescein angiography and optical coherence tomography independently.
- Performed laser photocoagulation in diabetic retinopathy patients through slit lamp or indirect laser ophthalmoscope delivery system.

- Attended diabetic retinopathy screening camps.

**6. As Post-Graduate student at Kasturba Medical College Hospital, Mangalore (India) :**

- Diagnosis and management of diverse ophthalmic conditions including ophthalmic emergencies and trauma care.
- Performed conventional extracapsular and small incision cataract surgery, dacryocystorhinostomies, other minor procedures and assisting squint surgeries, trabeculectomies and oculoplasty procedures.
- Organised and participated in rural outreach programmes and community screening programmes to detect and treat cataract and other ophthalmic disorders, contribution in the local arm of the National Programme for Control of Blindness (NPCB) by the Government of India.

**TEACHING ASSIGNMENTS:**

My present appointment as an faculty in the department of vitreoretinal surgery at L.V. Prasad Eye Institute includes teaching assignments such as conducting lectures for vitreoretina fellows and residents, moderating journal clubs and case presentations. I am also actively involved in the advanced ophthalmic education center which L V Prasad eye institute has established in association with Carl Zeiss.

During my fellowship at Sankara Nethralaya, I have conducted academic sessions for postgraduate students and junior fellows. This included teaching basic examination techniques, supervising basic vitreoretinal surgeries, discussing cases, organizing presentations and seminars.

As a resident at Kasturba Medical College, I was involved in the academic activities for undergraduate students and fellow residents.

**ACADEMIC/CONFERENCE ACTIVITIES**

**1. EYE PEP 2009 (Postgraduate Education Programme at LVPEI, Hyderabad)**

- Lecture on “Basic evaluation of posterior segment”

- Conducted Grand Rounds and OSCE (Objectively structured Clinical Examination )

## **2. ASIA ARVO Feb 2009, Hyderabad, India**

- **Paper Presentation**
  - Vitreous hemorrhage in children
- **Poster Presentation**
  - Combined Penetrating Keratoplasty (PK) and Pars Plana Vitrectomy (PPV) in Severe Ocular Trauma

## **3. 67th conference of All India Ophthalmological society, Feb 2009, Jaipur (Rajasthan)**

- **Poster Presentation**
  - Sebaceous gland carcinoma - An Early Age Presentation
  - Analysis of pediatric patients (less than 18 years old) presenting with vitreous hemorrhage due to idiopathic retinal vasculitis in a tertiary care eye institute.

## **4. 17th Annual Conference of Vitreoretinal Society of India, Dec 2008 RAICHAK, WestBengal**

- **Paper Presentation**
  - Autofluorescence findings in Central Serous Retinopathy.

## **5. 27th Annual State Conference of Karnataka Ophthalmological society, Nov 2008, Shimoga (Karnataka)**

- **Paper Presentation**
  - Correlation between optic disc changes and field changes in primary open angle glaucoma
- **Poster Presentation**
  - Sebaceous gland carcinoma - An Early Age Presentation

**6. 64th conference of All India Ophthalmological society, Feb 2006, Bhopal (Madhya Pradesh)**

- **Paper Presentation**
  - A study of Orbital Fractures
- **Poster Presentation**
  - An unusual case of hanging tumor
  - The Ongoing Saga of Ocular Involvement in an AIDS patient

**7. 24th Annual State Conference of Karnataka Ophthalmological society, Nov 2005, Bangalore (Karnataka)**

- **Paper Presentation**
  - Visual Prognosis in penetrating Ocular injuries
  - Study of incidence and outcome in Traumatic Cataract
  
- **Poster Presentation**
  - Diagnostic surprises in visual field evaluation
  - A novel way of natural adaptation to bilateral ptosis
  - An unusual case of hanging tumor

**8. 23rd Annual State Conference of Karnataka Ophthalmological society, Nov 2004, Bellary, (Karnataka)**

- **Paper Presentation**
  - Clinical Presentation and Outcome of Uveitis - A study
  - Awareness of Diabetic Retinopathy among Interns
  
- **Poster Presentation**
  - The Ongoing Saga of Ocular Involvement in an AIDS patient Video Presentation
  - Orbital Anatomy made easy

**CONFERENCES / CME ATTENDED**

**1. Year 2009**



- 67 th conference of All India Ophthalmological society, Feb 2009, Jaipur (India)
- “Neuro - Ophthalmology Update”, Chennai
- “Ocular Oncology Update”, Lausanne (Switzerland)
- “Glaucoma : tendances actuelles”, Lausanne (Switzerland)

## **2. Year 2007**

- “Paedi Sight” - CME on Paediatric Ophthalmology & Strabismus

## **3. Year 2006**

- 64 th conference of All India Ophthalmological Society, Feb 2006, Bhopal (Madhya Pradesh)
- CME on Retinal diseases
- Workshop on Phacoemulsification

## **4. Year 2005**

- Indo Israel Ophthalmic Congress
- 24 th Annual State Conference of Karnataka Ophthalmological Society, Nov 2005, Bangalore (Karnataka)
- 12 th Annual Conference of Strabismological Society of India, Oct 2005
- CME on Ocular Oncology and Oculopalsty
- CME on Custom Made Ocular Prosthesis

## **5. Year 2004**

- 23 rd Annual State Conference of Karnataka Ophthalmological society , Nov 2004, Bellary, (Karnataka)
- CME on Practical Ophthalmology
- CME on Retinopathy of Prematurity
- CME on Cornea & Refractive Surgeries
- CME on Glaucoma
- CME on Practical Surgeries

## **6. Year 2003**

- CME on Common Retinal Disorders

### **PUBLICATIONS**

- 1) Black operculum in full thickness macular hole – Photo Assay (accepted in Archives of Ophthalmology)
- 2) Utility of QuantiFERON TB gold test in a south Indian patient population of ocular inflammation (accepted in Indian Journal of Ophthalmology)
- 3) Panuveitis as a manifestation of ocular syphilis leading to HIV diagnosis. Oman J Ophthalmol 2010;3:29-31
- 4) Autofluorescence in posterior uveitis (accepted in Indian Journal of Ophthalmology)
- 5) Autofluorescence findings and role of anti VEGF in inflammatory CNVM (accepted in Indian Journal of Ophthalmology)
- 6) Sebaceous gland carcinoma at an early age - a case report (accepted in Sudanese Journal of Ophthalmology)
- 7) Combined photodynamic therapy and intravitreal ranibizumab as treatment for choroidal neovascularization in a high myopic Indian patient (accepted in Nigerian Journal of Ophthalmology)
- 8) Combined photodynamic therapy and intravitreal ranibizumab as primary treatment for choroidal neovascularization associated with age-related macular degeneration in an Indian patient. Indian J Ophthalmol 2008;56:438-9.
- 9) Trans-pupillary thermotherapy for circumscribed choroidal haemangioma. Indian J Ophthalmol 2008;56:84-5.
- 10) A study of orbital fractures in a tertiary health care center. Online J Health Allied SCS 2007;1:5.
- 11) Lipaemia Retinalis as a manifestation in a case of Type III Hyperlipoproteinemia – JMS 2006 (Sept) Vol 20(3) 147-148.
- 12) Visual prognosis in penetrating ocular injuries. JMS 2006 (May) Vol 20(2):67-70
- 13) Orbital Malt Lymphoma - A case report. Online J Health Allied SCS 2004;2:3

### **BOOK CHAPTERS**

1. Management of Paediatric Retinal detachments. in Surgical Techniques in Ophthalmology (series). Retina and Vitreous Surgery. Ed.: Garg A, Alio JL , Ruiz-Moreno JM, Johnson MT, Verma L, Nassaralla JJ. Jaypee-Highlights, 2010 pages 157-171.

### **ONGOING PROJECTS**

1. Macugen in treatment of macular edema secondary to Central Retinal Vein occlusion – Case Report (Under Review).
2. Vitreo-Retinal Interface Changes on OCT in the Fellow Eyes of Patients with Macular Hole.
3. Fundus Fluorescein Angiography in Trauma (Book Chapter) (Under Review)
4. Chronic postoperative inflammation induced by retained Perfluorocarbon liquid following cataract surgery – Case Report (Under Review)
5. Multifocal ERG findings in Type 2A Parafoveal Telangiectasia (Under review)

### **COMMUNITY SERVICES**

- 1) As an undergraduate medical student at Pt J N M Medical College, Raipur,
  - I participated in relief camps that were held after a devastating earthquake in the state of Gujarat in north-west India, in January 2001. These camps provided primary treatment and referral services to major hospitals in nearby cities. I helped in blood collection, distribution of medicines and basic investigations.
  - Active participation in Pulse Polio Immunization Campaign.
- 2) As a resident in ophthalmology at Kasturba Medical College, Karnataka (August 2003 – July 2006)
  - I have participated in diagnostic eye camps organized by our department twice a week. These camps screened the general

population in the surrounding rural areas for all ophthalmic diseases, provided basic treatment and facilities for referral of surgical cases to the tertiary hospital attached to the medical college.

- I was also involved in creating public awareness regarding eye donation and have been involved in harvesting donor corneas and their utilization for corneal transplantation.
- I have also participated in the “Parivar Kalyan avum swasthya Mela” (Health Camp), held at K. V. G. Medical college, Sulia (Karnataka), India in February 2004. It was a health camp conducted by all medical specialists including ophthalmologists. Around 3000-4000 patients were seen over a period of 4 days. We screened and treated them for minor ailments and referred the patients to tertiary hospital for surgeries.

3) As a Laser Trainee at Aravind Eye Hospital, Coimbatore (Oct 2006-Nov 2006),

- I attended diabetic retinopathy screening camps under diabetic retinopathy project conducted by the Aravind Eye Hospital, Coimbatore.

4) As a vitreoretinal fellow at Sankara Nethralaya, Chennai (April 2007-March 2009),

- I was involved the diabetic retinopathy project conducted by the Medical Research Foundation and participated in the screening of both rural and urban population for diabetic retinopathy.
- Actively involved in ‘Teleophthalmology’ project at Sankara Nethralaya, Chennai. As a part of this project, patients were examined in rural areas by optometrists and clinical and fundus

photographs were taken. Clinicians at the base camp would interpret these photographs and give advice regarding the management.

- Participated in “Eye Donation” calls for donor cornea retrieval and have also been involved in public awareness programmes regarding diabetic retinopathy, retinopathy of prematurity and eye tumors.

5) From 3<sup>rd</sup> April to 17<sup>th</sup> April, 2009

Worked as an honorary ophthalmologist at Samta Manch Hospital, Rajnandgaon (C.G.), a charitable general hospital. My responsibilities included examination of patients and performing minor procedures in the out patient department, conducting eye camps to provide basic ophthalmology services in rural areas, harvesting donor corneas after voluntary eye donation.

### **PROFESSIONAL ORGANIZATIONS / SOCIETIES MEMBERSHIP**

1. All India Ophthalmic Society, New Delhi, India
2. Chhattisgarh Ophthalmic Society, C.G., India
3. Vitreo- Retina Society of India

### **INTERESTS**

Computers, Internet, photography, reading, travel, listening to music, and swimming.

### **PERSONAL PROFILE**

Date of Birth	24-07-1979
Sex	Male
Marital Status	Single
Nationality	Indian
Father's Name	Mr. S.C. Chhablani
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