

**Advanced Eye Centre  
Post Graduate Institute of medical Education & Research, Chandigarh-  
160012**





Tel: 91-172-2756111, 2747837  
Extn.- 91-172-2756115  
Fax: 91-172-2747837  
E-mail: sspandav@yahoo.com  
sushmita\_kaushik@yahoo.com  
Website: www.pgimer.nic.in

Ophth.....  
No.....

**To Whom it may concern**

This is to certify that we have been using the Aurolab Aqueous Drainage Implant (AADI) since the last one year. Based upon results of the first 10 patients with at least 9 months follow-up, it appears to be a satisfactory device for treating refractory glaucomas. The IOP control is satisfactory with one or two anti-glaucoma medications. We have not encountered any serious complications with the device, and the surgical procedure has been relatively uneventful. The price is generally affordable for Indian patients.

  
Surinder Singh Pandav  
Professor

  
Sushmita Kaushik  
Associate Professor



# L V Prasad Eye Institute

(A Hyderabad Eye Institute organization)

Kallam Anji Reddy Campus, Hyderabad



## Clinical Services Team

Mohammad Javed Ali  
Gangaprasad Muthaiah Amula  
Bhupesh Bagga  
Deepak K Bagga  
Divya Balakrishnan  
Sayan Basu  
Archana Bhargava  
Sunita Chaurasia  
Jay Chhablani  
Preeti Patil Chhablani  
Beula Christy  
Gautam Dendukuri  
Prashant Garg  
Vijaya K Gothwal  
Subhadra Jalali  
Swathi Kaliki  
Ramesh Kekunnaya  
Rohit Khanna  
Pravin V Krishna  
Preetam Kumar  
Parthasarathi K  
Anil K Mandal  
Annie Mathai  
R Muralidhar  
Somasheila Murthy  
Milind N Naik  
Raja Narayanan  
Rajeev R Pappuru  
Haresh Potluri  
Padmaja K Rani  
B L Harsha Rao  
Avik Kumar Roy  
Varsha Rathi  
Vanita Pathak-Ray  
Vijay Anand P Reddy  
C Jagadesh Reddy  
Virender S Sangwan  
G Chandra Sekhar  
Sirisha Senthil  
T Shyamsunder  
D Srikanth  
Rebecca Sumalini  
Mukesh Taneja  
Mudit Tyagi

## Clinical Services

Cornea & Cataract  
Laser Refractive Surgery  
Bausch & Lomb Contact Lens Centre  
VST Centre for Glaucoma Care/ Cataracts  
Smt. Kanuri Santhamma Centre for Vitreous Retinal Diseases  
Uveitis & Immunology  
Jasti V Ramanamma Children's Eye Care Centre  
Ophthalmic Plastic/ Facial Aesthetic Surgery  
Orbit & Ocular Oncology  
Dacryology & Ocular Prosthesis  
Meera & L B Deshpande  
Centre for Sight Enhancement  
Dr PRK Prasad Centre for Rehabilitation of Blind & Visually Impaired  
Internal Medicine

## To whom it may concern

I have been using Aravind Aqueous Drainage Device (AADI), the prototype for which is the Baerveldt 350, for about one year now and would like to share my experience.

I have used the Baerveldt 350 for several years, before I relocated to India, and was really looking forward to the launch of AADI, as even after several queries, Abbott Medical Optics (the manufacturer of Baerveldt) could not give me a satisfactory answer as to why it could not be made available in India.

The reason I was (am) so keen is fairly obvious – it is related to the intraocular pressure (IOP) control that is possible with a valveless, large surface area drainage device. This has been easily replicated with the use of AADI. It also helps to avoid the hypertensive phase associated with valved devices, which in my experience in Indian eyes touches the 60-70% mark.

Furthermore it has been priced very competitively, making it a very attractive proposition not only in a country like ours, but also worldwide.

A further southward dive in terms of price will make it even more accessible to Ophthalmologists; however many more also require targeted intensive training in the implantation and post-operative management of AADI. Early post-operative hypotony is a deterrent to most, but is easily overcome with training.

Whenever I want low target IOP, AADI is my go-to valve!

**DR VANITA PATHAK-RAY FRCS(ED) FRCOPHTH(LON)**

**Consultant VST Centre for Glaucoma,**

**In-Charge Zeiss International Academy for Advanced Ophthalmic Education,**

**L V Prasad Eye Institute (LVPEI)**

**Kallam Anji Reddy Campus, L V Prasad Marg, Hyderabad □ 500 034**

**Faculty, Bausch and Lomb School of Optometry**

**Visiting Faculty, University of Hyderabad**

**Ph: +91 40 30612631, +91 40 30612624 Fax: +91 40 23548271**

**Email: docvanita@lvpei.org Website: www.lvpei.org**

21/11/13

To Whomsoever It May Concern

I have used the original Baerveldt implant, marketed initially by Pharmacia and later by AMO, in the past. In my experience it gave a lower IOP control with less elevated bleb as compared to other aqueous drainage devices. Hence in patients with advanced damage, I would prefer inserting the Baerveldt implant. Unfortunately the original implant was not available to us in India, despite a lot of requests to AMO. That is when the AADI implant was introduced a year back. In the last 1 year I have the opportunity to used 4 AADI implants.

The quality of the implant is comparable to the original. The costing is just perfect for Indian patients. The technique of insertion is well demonstrated in the video.

In 3 of the 4 patients the IOP control and the bleb appearance is very satisfactory. However in 1 patient of post-silicone oil glaucoma I had great difficulty in inserting the implant. This I attribute to the severe tissue adhesions in the subconjunctival space post silicone oil surgery. In the post op period there was partial exposure of the implant which required conjunctival resuturing.

I had a similar experience in another case of silicone oil glaucoma in which I planned to insert the AADI. However due to the dense adhesions I could not create enough space under the muscle bellies to insert the AADI. Hence had to insert another drainage device. Following these 2 cases I learnt that probably in post silicone oil glaucoma it might just be difficult to insert the AADI implant as it requires larger area of dissection and space as compared to other implants. I have no experience with inserting the original Baerveldt in post-silicone oil glaucoma, hence will not be able to compare AADI with the original in similar clinical situation.



Dr. Sunil S. Jain





# SWAMY EYE CLINIC & SURGICENTRE

Centre for advanced eye care

## Consultants :

### Dr. Murali Ariga

M.S., DNB., FAICO  
Cataract, Glaucoma, Lasik

### Dr. Rajalakshmi

M.B., D.O., DNB  
Cataract, Lasers, Contact lens,  
Medical Retina

### Dr. John Benno

MBBS., DO  
Cataract, Medical Retina

### Dr. Radha Annamalai

DO., DNB., FICO  
Uveitis & Ocular Inflammation

### Dr. P.M. Aravind

MBBS., MS  
Orbit, Oculoplasty & Aesthetics

## Consultant Physician :

### Dr. B.R. Shankar, MD

## Consultant Anesthetist :

### Dr. Anand, MBBS., DNB

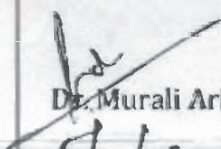
## To whomsoever it may concern

This is to state that I have used the Aurolab AADI 350mm glaucoma drainage implant in 6 adult patients with refractory glaucoma in the past one year.

I did not encounter any difficulty in the procedure as the instructional video and animation film provided by Aurolab was clear and covered all aspects of surgery, suturing and tube ligation. It is a non-valved device and of good manufacture quality and supplied in a sterile pack.

The desired IOP control was noted in all our patients postoperatively after 6-7 weeks and our patients are under regular follow-up now.

I would not hesitate to recommend this innovative glaucoma drainage device developed by Aurolab as a low cost alternative to the Baerveldt GDD to my ophthalmic colleagues. The Baerveldt device is not sold in India and is several times more expensive than AADI.

  
Dr. Murali Ariga

5/11/13  
Dr. Murali Ariga, MBBS, MS, DNB  
Registered Medical Practitioner  
Reg. No. 45873

Quality eye care at affordable cost

### Villivakkam

No.11, South Mada Street,  
Villivakkam, Chennai - 49.  
Tel. : 044-2617 3742

[www.swamyeyeclinic.com](http://www.swamyeyeclinic.com)

### Kolathur

1st Cross Street, Srinivasa Nagar,  
Chennai - 600 099.  
Tel. : 044-2650 1304